

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Gh Mohammad Lone
 S/o : Ali Mohammad Lone
 R/o : Magam
 Regd No : 617/BEE/CEE/KCC/PDC/2007-08
 GST No : 01AHWPL4241RIZS

No: - PHE/Hand/ 530-32 Date: - 8/5/2023

Adv. Cost : - Rs 131.17 Lacs
 Allotted Cost: - Rs. 13642292.21/
 Time of Completion 180 days

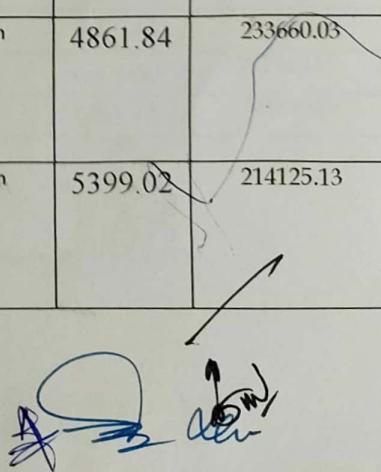
Sub : Construction and successful testing commissioning of SR 0.50 LG 2 NO, SLUICE CHAMBER 2 NO, CHOWKIDAR QTR 2 NO., CHAIN LINK FENCING 2 NO and Pump House for WSS Neelipora Magam under jmm

Ref:- Your tender in response to this office E-NIT No 49 ./PHE /Hand of 2023 S.No.01 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No.DDCK/Plg/MoM/367-85 DTD. 24.04.2023
3. Accord No.CE/PHE/DB/JJM/ 246 OF 08/2022 DTD. 30.08.2022
4. Technical Sanction Order No.CE/PHE/DB/253 OF 08/2022 DTD. 31.08.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	328.08	Cum	436.00	143042.88
2	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil				0.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. 2.6.1 All kinds of soil :	211.66	Cum	539.35	114158.82
4	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	465.28	Cum	188.75	87821.60
5	Oridanary Rock				0.00
6	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material : Addl :- 1 lift All kinds of Soil	4.90	Cum	81.65	400.09
7	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and incl carriages manual/mechanical with all leads and lifts complete	162.52	Cum	1320.00	214526.40
8	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	48.06	Cum	4861.84	233660.03
9	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 40mm nominal size)	39.66	Cum	5399.02	214125.13



10	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: ((1:2:4 1 Cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	93.09	Cum	6465.20	601845.47
11	Providing and laying in position Reinforced cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size/upto plinth level)	14.94	Cum	6978.68	104261.48
12	Providing and laying in position Reinforced cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	84.28	Cum	7801.00	657468.28
13	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns , pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	91.38	Cum	9408.14	859715.83
14	Reinforced cement concrete work in suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	24.74	Cum	9849.35	243672.92
15	Providing and laying upto floor v level reinforced cement concrete in kerbs, steps and the like including curing but excluding the cost of centering, shuttering, finishing and reinforcement with1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)				0.00
16	Reinforced cement concrete work in arches, archribs, domes , vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	16.16	Cum	10404.50	168136.72
17	Providing and laying in position specified grade of plain cement concrete excl. cost of centring, shuttering, finishing – All work upto plinth level:(M20 grade with 20 mm nominal size crushed aggregates)				0.00
18	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	72.24	Cum	6802.13	491385.87
19	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	72.24	Cum	1456.02	105182.88
20	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	18302.00	Kg	87.18	1595568.36
21	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	156.78	Sqm	262.30	41123.39
22	Walls	1200.00	Sqm	573.85	688620.00
23	Beams	42.14	Sqm	502.85	21190.10
24	Suspended Floors	216.78	Sqm	635.60	137785.37
25	Columns	66.00	Sqm	680.15	44889.90

3	Domes incld extra for exceeding 6 Mtr Span	129.36	Sqm	3095.25	400401.54
27	Edges of slabs and breaks in floors upto 200mm thick.	18.80	RM	242.30	4555.24
28	Extra for Centering and shuttering in Circular Foundations	36.08	Sqm	52.46	1892.76
29	Walls	557.34	Sqm	114.77	63965.91
30	Beams	9.94	Sqm	100.57	999.67
31	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	2.52	Cum	92065.35	232004.68
32	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	24.69	Sqm	2745.95	67797.51
33	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. Second Class kail wood	14.81	Sqm	2219.30	32867.83
34	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	5.00	Sqm	1768.05	8840.25
35	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick	15.84	Sqm	3338.05	52874.71
36	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick.	49.44	Sqm	3307.80	163537.63
37	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.				0.00
38	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	72.00	No	163.05	11739.60
39	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives New work (Two or more coats applied @ 1.43 litre/10 sqm. Over & including priming coat of exterior primer applied @ 0.90 litre/10 sqm				0.00
40	Finishing with Deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers' specifications:Painting wood work with deluxe multi surface paint of required shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.75litre/10sqm of approved brand and manufacture				0.00

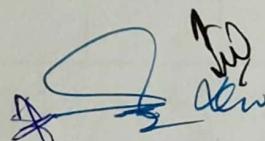
	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)				0.00
42	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	71.70	Cum	787.40	56456.58
43	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	146.40	Sqm	555.50	81325.20
44	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	391.44	Sqm	343.75	134557.50
45	12mm Cement plaster of mix: 1 : 4 (1 cement : 4 coarse sand)	519.20	Sqm	260.05	135017.96
46	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	456.54	Sqm	278.60	127192.04
47	Demolishing of RR Masonry in Cement including stacking of servable material and disposal of unservable material within 50 mtrs lead.	0.01	Cum	1583.05	15.83
48	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes including connected items viz nuts, bolts, rubber insertion etc and all carriages upto site of work.	200.00	RM	1700.00	340000.00
49	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	5.00	Qty	7408.95	37044.75
50	Providing and fixing 100mm dia DI Sluice Valve with ISI Mark Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete Confirming to IS:14846 read with latest amendments..	6.00	No	13164.00	78984.00
51	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. 10.5.1 Using M.S. angles 30x6mm for diagonal braces and central cross piece.	7.00	Sqm	4352.95	30470.65
52	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.: Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall: 19.4.2.1 15 mm dia. nominal bore	36.00	Mtr	431.10	15519.60
53	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) 19.6.1 15 mm dia. nominal bore	36.00	Mtr	163.55	5887.80
54	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	6.00	Mtr	436.50	2619.00

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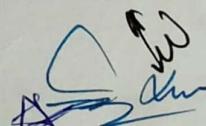
	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire				0.00
56	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K-9 conforming to IS : 8329 including cost of nuts, Bolts, Rubber Insertion Testing and commissioning all carriages by Mechanical Transport / Head Load upto Site of Work Complete.	200.00	RM	2500.00	500000.00
57	Providing and laying flanged C.I. standard specials such as tees, bends, collars, tapers, caps etc., suitable for flanged jointing as per IS : 1538 Up to 300 mm dia.	5.00	Qtls	7823.70	39118.50
58	Providing and fixing D.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately).150 mm dia	6.00	No	4597.85	27587.10
59	Providing and fixing 100mm dia Sluice Value with ISI MarkWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00	26328.00
60	Providing and fixing 80mm dia Sluice Value with ISI MarkWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
61	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m				0.00
62	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	1152.00	Kg	198.70	228902.40
63	Providing and incorporating PGI sheet strips 0.80 mm thickness at construction joints and all carriages upto site of work complete job				0.00
64	Providing and fixing PVC pipe bends 80mm dia for air vents.	24.00	No	100.00	2400.00
65	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	21.00	Sqm	3238.20	68002.20
66	Providing and fixing ball bearing for rolling shutters.	4.00	No	483.10	1932.40
67	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				0.00

58	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to steel windows by welding	207.00	Kg	161.25	33378.75
69	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids and Ladders)	400.00	Kg	146.63	58652.00
70	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	3582.00	Kg	102.13	365829.66
71	Providing and incorporating P.G.I sheet strips during laying of concrete walls 0.80mm thick.	30.00	Sqm	800.00	24000.00
72	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	331.50	Sqm	806.85	267470.78
73	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.	0.98	Cum	#####	135911.69
74	Providing wood work in frames of trusses incl. ties, rafters, purlins and fixing with nails and joints using first class popular wood	6.92	Cum	30000.00	207600.00
75	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface)excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m2	304.16	Sqm	951.80	289499.49
76	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	110.54	RM	691.35	76421.83
77	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m2	28.40	RM	626.15	17782.66
78	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	62.80	RM	693.90	43576.92
79	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	1.80	Cum	60102.80	108185.04
80	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	47.22	Sqm	1712.85	80880.78
81	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	462.86	Sqm	172.40	79797.06
82	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	462.86	Sqm	149.05	68989.28
83	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone.	37.34	Cum	2497.50	93256.65
84	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	246.22	Sqm	59.50	14650.09

5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	786.92	Sqm	121.95	95964.89
86	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	21.00	Sqm	52.75	1107.75
87	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	542.50	Sqm	125.60	68138.00
88	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	253.20	Sqm	59.35	15027.42
89	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	253.20	Sqm	91.80	23243.76
90	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm	20.00	No	292.80	5856.00
91	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	40.00	No	80.35	3214.00
92	100 x 10mm	128.00	No	57.35	7340.80
93	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	18.00	No	66.35	1194.30
94	100mm	136.00	No	52.30	7112.80
95	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	10.20	Sqm	1249.30	12742.86
96	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete	8.00	No	1839.60	14716.80
97	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.in all colour such as White, Ivory, Grey, Fume Red Brown				0.00
98	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	114.80	Sqm	1161.05	133288.54



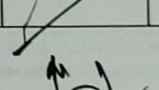
9	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with: Raj Nagar plain	21.00	Sqm	2171.10	45593.10
100	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-ALPE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	72.00	RM	321.15	23122.80
101	2025 (25mm OD) pipe				0.00
102	Providing and fixing PPR Unions PPR Union 20mm				0.00
103	PPR Union 25mm				0.00
104	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	40.00	RM	2760.40	110416.00
105	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Hanadle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors whereever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	4.00	No	5534.85	22139.40
106	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	4.00	No	4575.20	18300.80
107	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia				0.00
108	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	12.00	No	583.25	6999.00
109	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make wheighing not less than 1.97 Kg				0.00
110	Providing and fixing brass stop cock of approved quality. 15 mm nominal bore	8.00	No	318.85	2550.80
111	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	8.00	No	582.35	4658.80
112	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-incharge	30.00	No	69.85	2095.50
113	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	100.00	Ltr	11.25	1125.00



4	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5				0.00
115	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	18.00	RM	300.00	5400.00
116	75mm dia	12.00	RM	250.00	3000.00
117	Providing and fixing C.I manhole Cover 0.30 x 0.30m size	8.00	No	1500.00	12000.00
118	Providing and fixing PVC Door Fittings complete.				0.00
119	100mm floor trap	4.00	No	500.00	2000.00
120	100mm door junction	4.00	No	350.00	1400.00
121	100mm Collar	4.00	No	175.00	700.00
122	10mm Gasket	4.00	No	200.00	800.00
123	100mm bends	4.00	No	250.00	1000.00
124	80mm Door Junction	4.00	No	300.00	1200.00
125	80mm floor trap	4.00	No	250.00	1000.00
126	80mm bend	4.00	No	200.00	800.00
127	80mm Collar	4.00	No	150.00	600.00
128	Floor Grating	4.00	No	250.00	1000.00
129	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	32.00	points	1200.00	38400.00
130	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources inclusing Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	14.00	points	2000.00	28000.00
131	P/Fitting / Commissioning of main switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	4.00	No	2500.00	10000.00
132	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	32.00	No	500.00	16000.00
133	Supply and fixing of Hot Water Gysen 50 Ltr Capacityincluding all accessories testing and commissioning complete of Superior/ approved make.	4.00	No	16000.00	64000.00
134	Preparation of sub grade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.				0.00
135	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00

	53 mm to 22.4 mm				0.00
	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)				0.00
138	Supplying and stacking at site Good Earth				0.00
139	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
140	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
141	Cement and Steel avg lead upto 10 kms	169.84	MT	249.65	42400.56
142	Sand 20 km's and 20mm crushed aggregate	704.44	Cum	402.29	283389.17
143	Crushed Aggregate 40mm nominal Size 20 Kms	37.84	Cum	437.30	16547.43
144	Bricks 110 Km's	35192.00	No	3.45	121412.40
145	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 300 mtrs including loading unloading and stacking complete.				0.00
146	Cement	100.55	MT	210.75	21190.91
147	Steel	14.57	MT	452.69	6595.69
148	Sand and 20mm Crushed agg	207.16	Cum	438.40	90818.94
149	40mm crushed aggregate	1.52	Cum	473.94	720.39
	Total				13111627.67
	Add Contractors Tender Appreciation @ 4% on All items				524465.11
	G. Total				13636092.77


 Checked by
 Head Draftsman


 Executive Engineer
 PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/s : Wani Brothers
 Prop : Altaf Hussain Wani
 S/o : Gh Mohi u din Wani
 R/o : Panzgam
 Regd No : CE/UED/AAY/CIVIL/SANITARY/26/ 2018-19
 GST No. : 01AFMPW5593P1ZB

No: - PHE/Hand/ 436-39

Date: 03/05/2023

Adv. Cost : - Rs 121.48 Lacs

Allotted Cost:-Rs. 12391345.64/-

Time of Completion 180 days

Sub : Commissioning and testing of L/F, Construction of SR 0.50 LG with SC, Constt of Sluice Chmaber, Constt of Dug Well, Constt of Pump House, Constt of R/Wall, B/Wall, Anchor/Saddle Blocks Constt of Clarifluclator, Constt of Approach Road for WSS Mugalpora under JJM

Ref:- Your tender in response to this office E-NIT No 40 ./PHE /Hand of 2023 S.No.01 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Ptg/MoM/367-85 DTD. 24.04.2023
3. Accord No. Accord No.CE/PHE/DB/JJM/ 246 OF 08/2022 DTD. 31.08.2022 .
4. Technical Sanction Order No. CE/PHE/DB/247 OF 08/2022 DTD. 31.08.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

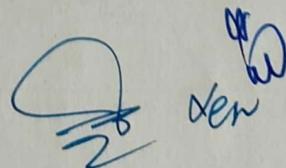
Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	1372.42	Cum	436.00	598375.12
2	: Ordinary Rock	328.20	Cum	841.60	276213.12
3	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed In all kinds of Soil	656.40	Cum	841.60	552426.24
4	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	1014.18	Cum	188.75	191426.48
5	Oridanary Rock				0.00
6	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	455.99	Cum	81.65	37231.58
7	Oridanary Rock				0.00
8	Addl 2 lift All kinds of Soil	230.81	Cum	163.30	37691.27
9	Oridanary Rock				0.00
10	Addl 3 lift All kinds of Soil	180.30	Cum	163.30	29442.99
11	Oridanary Rock				0.00
12	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	1350.00	KL	155.55	209992.50
13	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	54.39	Cum	1320.00	71794.80
14	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	25.23	Cum	4861.84	122664.22

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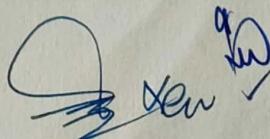
15	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	107.58	Cum	5399.02 ✓	580826.57
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)				0.00
17	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	21.00	Cum	6978.68 ✓	146552.28
18	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	56.32	Cum	7801.00 ✓	439352.32
19	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	63.56	Cum	9408.14 ✓	597981.38
20	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	15.78	Cum	9849.35 ✓	155422.74
21	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.08	Cum	10404.50 ✓	84068.36
22	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	18.32	Cum	6802.13 ✓	124615.02
23	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	18.32	Cum	1456.02 ✓	26674.29
24	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	12847.00	Kg	87.18 ✓	1120001.46
25	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)				0.00

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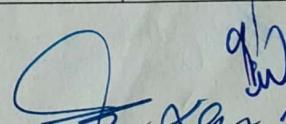
	Excluding Cost of Stones			0.00
27	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	36.44	Sqm	2497.50 ✓ 91008.90
28	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	186.28	Sqm	262.30 ✓ 48861.24
29	Walls	1198.39	Sqm	573.85 ✓ 687696.10
30	Beams	40.98	Sqm	502.85 ✓ 20606.79
31	Suspended Floors	90.40	Sqm	635.60 ✓ 57458.24
32	Columns	33.00	Sqm	680.15 ✓ 22444.95
33	Domes exceeding 6 Mtr Span	64.68	Sqm	3095.25 ✓ 200200.77
34	Edges of slabs and breaks in floors upto 200mm thick.	61.35	Sqm	242.30 ✓ 14865.11
35	Extra for Centering and shuttering in Circular Foundations	83.21	Sqm	52.46 ✓ 4365.20
36	Walls	590.05	Sqm	114.77 ✓ 67720.04
37	Beams (Ring Beam of SR)	24.88	Sqm	100.57 ✓ 2502.18
38	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	0.71	Cum	92065.35 ✓ 65366.40
39	Providing and fixing panelled or panelled and glazed shutters for Doors , windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	5.40	Sqm	2745.95 ✓ 14828.13
40	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	3.25	Sqm	2360.95 ✓ 7673.09
41	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	2.00	Sqm	1768.05 ✓ 3536.10
42	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	7.92	Sqm	3338.05 ✓ 26437.36
43	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	13.32	Sqm	3307.80 ✓ 44059.90
44	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix { 1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	36.00	No	163.05 ✓ 5869.80
45	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	35.55	Cum	787.40 ✓ 27992.07
46	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	39.70	Sqm	505.00 ✓ 20048.50

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47	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	195.72	Sqm	343.75 ✓	67278.75
48	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	119.32	Sqm	278.60 ✓	33242.55
49	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work complete excluding cost of pipes and earth work.				0.00
50	80 mm Dia G.I. Pipes	1300.00	Mtr	73.05 ✓	94965.00
51	65mm Dia G.I. Pipes	500.00	Mtr	73.05 ✓	36525.00
52	50mm Dia G.I. Pipes	2000.00	Mtr	40.80 ✓	81600.00
53	40mm Dia G.I. Pipes	1000.00	Mtr	40.80 ✓	40800.00
54	25mm Dia G.I. Pipe	2000.00	Mtr	30.65 ✓	61300.00
55	20mm Dia G.I. Pipe	2500.00	Mtr	20.25 ✓	50625.00
56	15mm Dia G.I. Pipes	1000.00	Mtr	20.25 ✓	20250.00
57	Providing and fixing GI Union in GI Pipe				0.00
58	15 mm nominal bore G.I Unions	100.00	No	58.00 ✓	5800.00
59	20 mm nominal bore G.I Unions	100.00	No	100.00 ✓	10000.00
60	25 mm nominal bore G.I Unions	50.00	No	130.00 ✓	6500.00
61	40 mm nominal bore G.I Unions	30.00	No	232.00 ✓	6960.00
62	50 mm nominal bore G.I Unions	25.00	No	299.00 ✓	7475.00
63	65 mm nominal bore G.I Unions	15.00	No	477.00 ✓	7155.00
64	80 mm nominal bore G.I Unions	20.00	No	551.00 ✓	11020.00
65	Providing and fixing gun metel gate value with CI wheel of approved quality.				0.00
66	20 mm nominal bore	10.00	No	463.65 ✓	4636.50
67	25 mm nominal bore	10.00	No	543.85 ✓	5438.50
68	40 mm nominal bore	5.00	No	704.70 ✓	3523.50
69	50 mm nominal bore	3.00	No	942.75 ✓	2828.25
70	65 mm nominal bore	2.00	No	1568.85 ✓	3137.70
71	80 mm nominal bore	2.00	No	2406.65 ✓	4813.30
72	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
73	20 mm dia G.I elbows	100.00	No	39.00 ✓	3900.00
74	25 mm dia G.I elbows	30.00	No	54.00 ✓	1620.00
75	40 mm dia G.I elbows	25.00	No	115.00 ✓	2875.00
76	50 mm dia G.I elbows	25.00	No	206.00 ✓	5150.00
77	65 mm dia G.I elbows	10.00	No	322.00 ✓	3220.00
78	80 mm dia G.I elbows	5.00	No	432.00 ✓	2160.00
79	20 mm to 15 mm G.I. sockets (reducing)	50.00	No	24.00 ✓	1200.00
80	25 mm to any smaller size G.I. sockets (reducing)	30.00	No	30.00 ✓	900.00
81	40 mm to any smaller size G.I. sockets (reducing)	30.00	No	55.00 ✓	1650.00
82	50 mm to any smaller size G.I. sockets (reducing)	20.00	No	91.00 ✓	1820.00
83	80-65 Reducing Socket	10.00	No	150.00 ✓	1500.00
84	15 mm G.I. Tee (equal)	200.00	No	32.00 ✓	6400.00
85	20 mm G.I. Tee (equal/reducing)	100.00	No	54.00 ✓	5400.00
86	25 mm G.I. Tee (equal/reducing)	50.00	No	72.00 ✓	3600.00
87	40 mm G.I. Tee (equal/reducing)	40.00	No	145.00 ✓	5800.00
88	50 mm G.I. Tee (equal/reducing)	30.00	No	230.00 ✓	6900.00
89	65 mm G.I. Tee (equal/reducing)	10.00	No	300.00 ✓	3000.00
90	80 mm G.I. Tee (equal/reducing)	5.00	No	572.00 ✓	2860.00
91	15 mm G.I Nipple of length 3", 4" and 6"	200.00	No	35.00 ✓	7000.00
92	20 mm G.I Nipple of length 3", 4" and 6"	200.00	No	46.00 ✓	9200.00
93	25 mm G.I Nipple of length 3", 4" and 6"	80.00	No	69.00 ✓	5520.00
94	40 mm G.I Nipple of length 3", 4" and 6"	20.00	No	104.00 ✓	2080.00
95	50 mm G.I Nipple of length 3", 4" and 6"	10.00	No	144.00 ✓	1440.00
96	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	70.00	No	666.25 ✓	46637.50

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7	50 to 80 mm nominal bore	50.00	No	1268.75 ✓	63437.50
98	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 80mm dia	200.00	Joints	1100.00 ✓	220000.00
99	65mm dia	83.00	Joints	1000.00 ✓	83000.00
100	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS-Plate including cost of welding. The work should be leak proof and includes to be painted with anticorrosive red oxide primer and all carriages upto site of work complete.	250.00	Kg	147.82 ✓	36955.00
101	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	4.00	No	20243.00 ✓	80972.00
102	Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00 ✓	26328.00
103	Providing and fixing 80mm dia Sluice Value with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	10815.00 ✓	21630.00
104	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	2354.41	Cum	198.70 ✓	467821.27
105	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	538.00	Kg	57.90 ✓	31150.20
106	Providing and fixing aluminium sheet covering over expansion joints with iron screws as per design Aluminum fluted strip 3.15 mm thick 200 mm wide	91.90	RM	644.55 ✓	59234.15
107	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	150.00 ✓	1800.00
108	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes	100.00	RM	1581.25 ✓	158125.00
109	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	1.00	qtl	7408.95 ✓	7408.95
110	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	10.50	Sqm	3238.20 ✓	34001.10
111	Providing and fixing ball bearing for rolling shutters.	2.00	No	483.10 ✓	966.20
112	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	3859.00	Kg	91.03 ✓	351284.77

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113	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	402.00	Kg	146.63	58945.26
114	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)				0.00
115	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	2200.00	Kg	102.13	224686.00
116	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	280.00	Sqm	806.85	225918.00
117	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.	0.49	Cum	138685.40	67955.85
118	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	82.00	Sqm	1046.98	85852.36
119	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	17.10	RM	760.49	13004.38
120	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	14.20	RM	688.77	9780.53
121	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	31.20	RM	693.90	21649.68
122	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.90	Cum	60102.80	54092.52
123	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	23.61	Sqm	1712.85	40440.39
124	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	119.32	Sqm	172.40	20570.77
125	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	119.32	Sqm	149.05	17784.65
126	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	86.31	Sqm	59.50	5135.45

J P- $\frac{6}{10}$

QD
New

127	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	86.31	Sqm	121.95 ✓	10525.50
128	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	290.50	Sqm	52.75 ✓	15323.88
129	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	290.50	Sqm	125.60 ✓	36486.80
130	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	100.00	Sqm	91.80 ✓	9180.00
131	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm	6.00	No	292.80 ✓	1756.80
132	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	12.00	No	80.35 ✓	964.20
133	100 x 10mm	32.00	No	57.35 ✓	1835.20
134	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	6.00	No	66.35 ✓	398.10
135	100mm	32.00	No	52.30 ✓	1673.60
136	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	5.10	Sqm	1249.30 ✓	6371.43
137	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	37.80	Sqm	1161.05 ✓	43887.69
138	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	18.00	RM	321.15 ✓	5780.70
139	2025 (25mm OD) pipe	18.00	RM	385.85 ✓	6945.30
140	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70 ✓	1298.50
141	PPR Union 25mm	5.00	No	309.20 ✓	1546.00

1 P-7
10

✓
new

142	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	20.00	RM	2760.40	55208.00
143	Supplying, Providing, assembling, Fabricating, covering and fixing in vertical position in Dug Well Mud Steel tubular Stening having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as per direction of Engineer-In- Charge	4170.00	Kg	170.00	708900.00
144	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete	114.17	Cum	1320.00	150704.40
145	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No	5534.85	5534.85
146	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
147	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15	131.15
148	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	2.00	No	436.50	873.00
149	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	2.00	No	6000.00	12000.00
150	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	3.00	No	657.30	1971.90
151	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	2.00	No	536.10	1072.20
152	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge	15.00	No	62.30	934.50
153	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00

P - 8
10
30 New

154	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	2.00	No	1908.50	3817.00
155	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	2.00	No	1750.00	3500.00
156	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	20.00	RM	1750.00	35000.00
157	75mm dia	15.00	RM	1750.00	26250.00
158	Providing and fixing PVC Door Fittings complete.			✓ 0.00	
159	100mm floor trap	1.00	No	500.00	500.00
160	100mm door junction	1.00	No	350.00	350.00
161	100mm Collar	4.00	No	175.00	700.00
162	10mm Gasket	10.00	No	200.00	2000.00
163	100mm bends	5.00	No	250.00	1250.00
164	80mm Door Junction	2.00	No	300.00	600.00
165	80mm floor trap	2.00	No	250.00	500.00
166	80mm bend	6.00	No	200.00	1200.00
167	80mm Collar	4.00	No	150.00	600.00
168	Floor Grating	3.00	No	250.00	750.00
169	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	10.00	points	1200.00	12000.00
170	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	5.00	points	2000.00	10000.00
171	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	1.00	No	2500.00	2500.00
172	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	5.00	No	500.00	2500.00
173	Supply and fixing of Hot Water Gyser 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	1.00	No	18000.00	18000.00
174	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.	1155.00	Cum	139.40	161007.00
175	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	115.50	Cum	492.75	56912.63
176	53 mm to 22.4 mm	57.75	Cum	575.30	33223.58

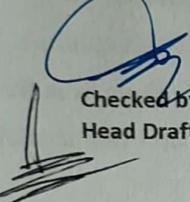
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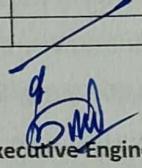
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177	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)	34.65	Cum	504.40	17477.46
178	Supplying and stacking at site Good Earth	13.84	Cum	258.25	3574.18
179	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :	173.25	Cum	574.60	99549.45
180	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
181	Cement and Steel 20 Km's	162.53	MT	356.60	57958.20
182	Sand and 20mm crushed aggregate 30 km's	416.08	Cum	402.29	167384.82
183	Crushed Aggregate 40mm nominal Size 30 Kms	241.86	Cum	437.30	105765.38
184	Bricks 110 Km's	9160.00	No	3.45	31602.00
185	G.I Pipes below 100mm dia 20 Km's from Div. Store	21.20	MT	356.60	7559.92
186	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 400 mtrs including loading unloading and stacking complete.				0.00
187	Cement	113.40	MT	282.10	31990.14
188	Steel	8.16	MT	605.96	4944.63
189	Sand and 20mm Crushed agg	139.70	Cum	621.21	86783.04
190	40mm crushed aggregate	56.07	Cum	671.55	37653.81
191	G.I Pipes below 100mm dia	21.20	MT	355.70	7540.84
Total					12148378.08
Add Contractors Tender Appreciation @ 2% on All items					242967.56
G. Total					12391345.64

Checked by
Head Draftsman



Executive Engineer
PHE Jal Shakti Division Handwara



	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire	1719.00	RM	19.10	32832.90
126	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.				0.00
127	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²				0.00
128	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.				0.00
129	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²				0.00
130	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)				0.00
131	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood				0.00
132	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood				0.00
133	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick				0.00
134	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer				0.00
135	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)				0.00
136	Painting with synthetic enamel paint of approved brand and manufacture to give an even shadeTwo or more coats on new work.				0.00
137	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works				0.00

P-8/11

	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture				0.00
139	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)				0.00
140	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm				0.00
141	Providing and fixing aluminum tower bolts ISI marked anodized (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm				0.00
142	100 x 10mm				0.00
143	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm				0.00
144	100mm				0.00
145	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm				0.00
146	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete				0.00
147	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe				0.00
148	2025 (25mm OD) pipe				0.00
149	Providing and fixing PPR Unions PPR Union 20mm				0.00
150	PPR Union 25mm				0.00

[Handwritten signatures]

	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes			0.00
152	Supplying, Providing, assembling, Fabricating, covering and fixing in vertical position in Dug Well Mud Steel tubular Stenting having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as per direction of Engineer-In- Charge			0.00
153	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete			0.00
154	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.			0.00
155	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm			0.00
156	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia			0.00
157	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931			0.00
158	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg			0.00
159	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931			0.00
160	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931			0.00
161	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge			0.00
162	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank			0.00

Handwritten signatures and initials in blue ink, likely representing approvals or initials of individuals involved in the project.

	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5			0.00
164	Providing and fixing C.I manhole Cover 0.45 x 0.45m size			0.00
165	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia			0.00
166	75mm dia			0.00
167	Providing and fixing PVC Door Fittings complete.			0.00
168	100mm floor trap			0.00
169	100mm door junction			0.00
170	100mm Collar			0.00
171	10mm Gasket			0.00
172	100mm bends			0.00
173	80mm Door Junction			0.00
174	80mm floor trap			0.00
175	80mm bend			0.00
176	80mm Collar			0.00
177	Floor Grating			0.00
178	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete			0.00
179	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources inclding Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete			0.00
180	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")			0.00
181	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .			0.00
182	Supply and fixing of Hot Water Gyser 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.			0.00

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P- 11/11

	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.				0.00
184	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00
185	53 mm to 22.4 mm				0.00
186	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)				0.00
187	Supplying and stacking at site Good Earth				0.00
188	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
189	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.	66.47	MT	356.60	23703.20
190	Cement and Steel 20 Km's	158.75	Cum	402.29	63863.54
191	Sand and 20mm crushed aggregate 22 km's				0.00
192	Crushed Aggregate 40mm nominal Size 30 Kms				0.00
193	Bricks 110 Km's				0.00
194	G.I Pipes below 100mm dia 20 Km's from Div. Store	34.01	MT	356.60	12127.97
195	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 500 mtrs including loading unloading and stacking complete.				0.00
196	Cement	55.77	MT	282.10	15732.72
197	Steel	20.29	MT	605.96	12294.93
198	Sand and 20mm Crushed agg	206.46	Cum	621.21	128255.02
199	40mm crushed aggregate				0.00
200	G.I Pipes below 100mm dia	34.01	MT	355.70	12097.36
	Total				4118199.99
	Add Contractors Tender Appreciation @ 2% on All items				82364.00
	G. Total				4200563.99

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR

M/S : BASHIR AHMAD GEELANI
 S/o : SAID U DIN GEELANI
 R/o : RENGPATH
 Regd No : 177/SE/HYD/BEE/HAND/2002-03
 GST No. : 01ANYPG3295J1ZM

No: - PHE/Hand/ 505-505 Date: 6/5/2023

Adv. Cost : - Rs 23.48 Lacs
 Allotted Cost:-Rs. 2345298.25/-
 Time of Completion 180 days

Sub :Laying and fitting Including Successful Testing and Commissioning of GI pipes. Constt of Chain Link Fencing, Construction of Pump House and
 Consett of Sluice Chamber for WSS Peer Khan Mohalla Pohrpeth under JJM

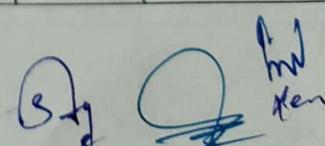
Ref:- Your tender in response to this office E-NIT No 42 ./PHE /Hand of 2023 S.No.02 issued under this
 Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023
3. Accord No. 016/DSE/IHH/DB/ OF 2022-23 DTD. 25.08.2022 Issued Vide No.DSE/IHH/DB/2059-61 DTD. 26.08.2022
4. Technical Sanction Order No. DSE/IHH/DB/104 OF 08/2022 DTD. 27.08.2022 Issued vide No.DSE/IHH/DB/2080-82 OF 27.08.2022
5. LOI ISSUED vide NO PHE/Hand/25-28 dt 04-04-2023

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates,
 terms and conditions which are reproduced as under.

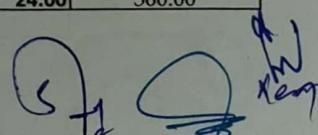
SL.N O	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	333.20	Cum	436.00	145275.20
2	Ordinary Rock	83.30	Cum	841.60	70105.28
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	90.14	Cum	539.35	48617.01
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed In all kinds of Soil	199.11	Cum	252.05	50185.68
5	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	18.38	Cum	81.65	1500.73
6	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	25.49	Cum	1320.00	33646.80
7	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	6.13	Cum	4861.84	29803.08
8	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	16.20	Cum	5399.02	87464.12
9	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	17.20	Cum	6465.20	111201.44

10	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	4.81	Cum	6978.68	33567.45
11	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1.5:3 mix.	4.24	Cum	9408.14	39890.51
12	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.46	Cum	9849.35	53777.45
13	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	17.76	Cum	6802.13	120805.83
14	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	17.76	Cum	1456.02	25858.92
15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	1249.10	Kg	87.18	108896.54
16	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	18.67	Sqm	2497.50	46628.33
17	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	80.90	Sqm	262.30	21220.07
18	Walls	119.82	Sqm	573.85	68758.71
19	Suspended Floors	54.28	Sqm	635.60	34500.37
20	Edges of slabs and breaks in floors upto 200mm thick.	9.40	RM	242.30	2277.62
21	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): KD Timber	0.96	Cum	49000.00	47040.00
22	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. First Class kail wood 35mm thick	6.95	Sqm	3093.80	21501.91
23	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	2.16	Sqm	2360.95	5099.65
24	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	2.00	Sqm	1768.05	3536.10
25	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	9.62	Sqm	3338.05	32112.04



Handwritten signatures and initials are present at the bottom right of the table, likely belonging to the signatories of the document.

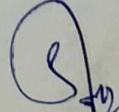
26	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	11.43	Sqm	3307.80	37808.15
27	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	96.00	No	163.05	15652.80
28	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	103.50	Kg	179.90	18619.65
29	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	33.54	Sqm	505.00	16937.70
30	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with:Raj Nagar plain	10.19	Sqm	2171.10	22123.51
31	12 mm thick Cement plaster 1 : 6 (1 cement : 6 coarse sand)	103.60	Sqm	241.75	25045.30
32	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	164.45	Sqm	278.60	45815.77
33	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
34	50mm Dia G.I. Pipes	500.00	Mtr	40.80	20400.00
35	40mm Dia G.I. Pipes	1000.00	Mtr	40.80	40800.00
36	25mm Dia G.I. Pipe	1000.00	Mtr	30.65	30650.00
37	20mm Dia G.I. Pipe	1500.00	Mtr	20.25	30375.00
38	15mm Dia G.I. Pipes	1500.00	Mtr	20.25	30375.00
39	Providing and fixing GI Union in GI Pipe				0.00
40	15 mm nominal bore G.I Unions	30.00	No	58.00	1740.00
41	20 mm nominal bore G.I Unions	30.00	No	100.00	3000.00
42	25 mm nominal bore G.I Unions	15.00	No	130.00	1950.00
43	40 mm nominal bore G.I Unions	15.00	No	232.00	3480.00
44	50 mm nominal bore G.I Unions	10.00	No	299.00	2990.00
46	20 mm nominal bore	5.00	No	463.65	2318.25
47	25 mm nominal bore	3.00	No	543.85	1631.55
48	40 mm nominal bore	2.00	No	704.70	1409.40
49	50 mm nominal bore	2.00	No	942.75	1885.50
50	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
51	20 mm dia G.I elbows	10.00	No	39.00	390.00
52	25 mm dia G.I elbows	10.00	No	54.00	540.00
53	40 mm dia G.I elbows	5.00	No	115.00	575.00
54	50 mm dia G.I elbows	5.00	No	206.00	1030.00
55	20 mm to 15 mm G.I. sockets (reducing)	15.00	No	24.00	360.00

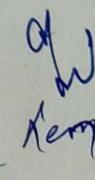


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56	25 mm to any smaller size G.I. sockets (reducing)	10.00	No	30.00	300.00
57	40 mm to any smaller size G.I. sockets (reducing)	5.00	No	55.00	275.00
58	50 mm to any smaller size G.I. sockets (reducing)	5.00	No	91.00	455.00
59	15 mm G.I. Tee (equal)	50.00	No	32.00	1600.00
60	20 mm G.I. Tee (equal/reducing)	30.00	No	54.00	1620.00
61	25 mm G.I. Tee (equal/reducing)	20.00	No	72.00	1440.00
62	40 mm G.I. Tee (equal/reducing)	10.00	No	145.00	1450.00
63	50 mm G.I. Tee (equal/reducing)	10.00	No	230.00	2300.00
64	15 mm G.I. Nipple of length 3", 4" and 6"	30.00	No	35.00	1050.00
65	20 mm G.I. Nipple of length 3", 4" and 6"	30.00	No	46.00	1380.00
66	25 mm G.I. Nipple of length 3", 4" and 6"	25.00	No	69.00	1725.00
67	40 mm G.I. Nipple of length 3", 4" and 6"	20.00	No	104.00	2080.00
68	50 mm G.I. Nipple of length 3", 4" and 6"	10.00	No	144.00	1440.00
69	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	30.00	No	666.25	19987.50
70	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	535.50	Cum	198.70	106403.85
71	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	987.00	Kg	91.03	89846.61
72	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	75.00	Kg	146.63	10997.25
73	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in charg	54.60	Sqm	733.50	40049.10
74	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Poplar wood.	3.46	Cum	30000.00	103800.00
75	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	89.59	Sqm	951.80	85271.76
76	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	48.17	RM	691.35	33302.33
77	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	112.11	Sqm	172.40	19327.76

78	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	112.11	Sqm	149.05	16710.00
79	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	66.63	Sqm	59.35	3954.49
80	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	36.75	Sqm	59.50	2186.63
81	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	46.37	Sqm	121.95	5654.82
82	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	66.63	Sqm	91.80	6116.63
83	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete On steel work	54.60	Sqm	188.80	10308.48
84	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	8.00	No	80.35	642.80
85	100 x 10mm	72.00	No	57.35	4129.20
86	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	8.00	No	66.35	530.80
87	100mm	36.00	No	52.30	1882.80
88	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete	4.00	No	1839.60	7358.40
89	Providing and fixing aluminum hanging floor door stopper, ISI marked, n anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : Single rubber stopper	4.00	No	54.60	218.40
90	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	19.61	Sqm	1161.05	22768.19
91	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.; Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall: 15 mm dia. nominal bore	18.00	RM	431.10	7759.80
92	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work 15 mm dia. nominal bor	18.00	RM	163.55	2943.90





93	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No	5534.85	5534.85
94	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
95	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15	131.15
96	Providing and fixing 15 mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.	4.00	No	624.65	2498.60
97	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00	No	436.50	1309.50
98	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	1.00	No	657.30	657.30
99	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	3.00	No	536.10	1608.30
100	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00
101	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	9.00	RM	1750.00	15750.00
102	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
103	Cement and Steel 10 Km's	20.89	MT	356.60	7449.37
104	Sand and 20mm crushed aggregate 20 km's	81.34	Cum	402.29	32722.27
105	Crushed Aggregate 40mm nominal Size 20 Kms	41.19	Cum	437.30	18012.39
106	Bricks 118 Km's	8436.00	No	3.45	29104.20
107	G.I Pipes below 100mm dia 12 Km's from Div. Store	10.81	MT	271.25	2932.21
Total					2348350.25
Depreciation on all items @ (-0.13%)					3052.00
Grand Total					2345298.25

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JS Division Handwara

M/S : Gh Mohammad Lone
 S/o : Ali Mohammad Lone
 R/o : Magam
 Regd No : 617/BCE/CEE/KCC/PDC/2007-08
 GST No. : 01AJWPL4241R1ZS

No: - PHE/Hand/ 379-82 Date: 29/4/2023

P=1/2

Adv. Cost : - Rs. 97.28 Lacs
 Allotted Cost: -Rs. 9922956.11/-
 Time of Completion 100 days

Sub : Commissioning and testing of L/F, Constt of SR 0.50 LG, Constt of Staff Quarter, Constt of Chain link fencing, Constt of Pump House and Constt of Anchor Block for WSS Trich under JJM

Ref:- Your tender in response to this office E-NIT No 42 /PHE /Hand of 2023 S.No.04 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023
3. Accord No. Accord No.CE/PHE/DB/JJM/ 246 OF 08/2022 DTD. 31.08.2022 .
4. Technical Sanction Order No. CE/PHE/DB/247 OF 08/2022 DTD. 31.08.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SLN No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	1464.85	Cum	436.00	638674.60
2	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	580.20	Cum	841.60	488296.32
3	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	232.64	Cum	188.75	43910.80
4	Oridanary Rock	99.70	Cum	378.35	37721.50
5	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	147.25	Cum	81.65	12022.96
6	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	63.53	Cum	1320.00	83859.60
7	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	27.72	Cum	4861.84	134770.20
8	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 40mm nominal size)	90.35	Cum	5399.02	487801.46
9	Providing and laying in position Reinforced cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	21.00	Cum	6978.68	146552.28
10	Providing and laying in position Reinforced cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	32.94	Cum	7801.00	256964.94

(Q)
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Ken

P-2/6

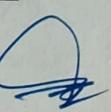
11	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement. 1:1.5:3 mix.	39.04	Cum	9408.14	367293.79
12	Reinforced cement concrete work in suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1.5:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	19.73	Cum	9849.35	194327.68
13	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1.5:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.08	Cum	10404.50	84068.36
14	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	33.25	Cum	6802.13	226170.82
15	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	33.25	Cum	1456.02	48412.67
16	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	9504.00	Kg	87.18	828558.72
17	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	161.11	Sqm	262.30	42259.15
18	Walls	722.06	Sqm	573.85	414354.13
19	Beams	53.45	Sqm	502.85	26877.33
20	Suspended Floors	94.96	Sqm	635.60	60356.58
21	Columns	33.00	Sqm	680.15	22444.95
22	Domes incld extra for exceeding 6 Mtr Span	104.68	Sqm	3095.25	324010.77
23	Edges of slabs and breaks in floors upto 200mm thick.	30.00	Sqm	242.30	7269.00
24	Extra for Centering and shuttering in Circular Foundations	18.04	Sqm	52.46	946.38
25	Walls	229.92	Sqm	114.77	26387.92
26	Beams	15.50	Sqm	100.57	1558.84
27	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	1.25	Cum	92065.35	115081.69
28	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	11.10	Sqm	2745.95	30480.05
29	Providing and fixing panelling or panelling and glazing in panelled or panelled nd glazed shutters for doors, windows and clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type				0.00
30	Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	6.89	Sqm	2360.65	16264.88
31	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	4.00	Sqm	1768.05	7072.20
32	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick	14.26	Sqm	3338.05	47600.59

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33	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	25.36	Sqm	3307.80	83885.81
34	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	63.00	No	163.05	10272.15
35	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	8.91	Cum	787.40	7015.73
36	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete. 50 mm thick with 20mm nominal size stone aggregate	73.90	Sqm	555.50	41051.45
37	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	195.72	Sqm	343.75	67278.75
38	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	218.46	Sqm	278.60	60862.96
39	Demolishing of RR Masonry in Cement including stacking of servable material and disposal of unseviable material within 50 mtres lead.				0.00
40	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
41	80 mm Dia G.I. Pipes	750.00	Mtr	73.05	54787.50
42	65mm Dia G.I. Pipes	1550.00	Mtr	73.05	113227.50
43	50mm Dia G.I. Pipes	1200.00	Mtr	40.80	48960.00
44	40mm Dia G.I. Pipes	2000.00	Mtr	40.80	81600.00
45	25mm Dia G.I. Pipe	1200.00	Mtr	30.65	36780.00
46	20mm Dia G.I. Pipe	1600.00	Mtr	20.25	32400.00
47	15mm Dia G.I. Pipes	500.00	Mtr	20.25	10125.00
48	Providing and fixing gun metel gate value with CI wheel of approved quality.				0.00
49	20 mm nominal bore	10.00	No	463.65	4636.50
50	25 mm nominal bore	10.00	No	543.85	5438.50
51	40 mm nominal bore	5.00	No	704.70	3523.50
52	50 mm nominal bore	5.00	No	942.75	4713.75
53	65 mm nominal bore	3.00	No	1568.85	4706.55
54	80 mm nominal bore	2.00	No	2406.65	4813.30
55	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	70.00	No	666.25	46637.50
56	50 to 80 mm nominal bore	30.00	No	1268.75	38062.50
57	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-Viz-Requirement at Site)				0.00
58	15 mm nominal bore G.I Unions	300.00	No	141.00	42300.00
59	20 mm nominal bore G.I Unions	250.00	No	235.00	58750.00
60	25 mm nominal bore G.I Unions	200.00	No	315.00	63000.00
61	40 mm nominal bore G.I Unions	40.00	No	500.00	20000.00
62	50 mm nominal bore G.I Unions	40.00	No	656.00	26240.00
63	65 mm nominal bore G.I Unions	30.00	No	1031.00	30930.00
64	80 mm nominal bore G.I Unions	20.00	No	1572.00	31440.00
65	15 mm dia G.I elbows	300.00	No	49.00	14700.00
66	20 mm dia G.I elbows	250.00	No	94.00	23500.00
67	25 mm dia G.I elbows	200.00	No	123.00	24600.00
68	40 mm dia G.I elbows	30.00	No	235.00	7050.00
69	50 mm dia G.I elbows	30.00	No	428.00	12840.00

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70	65 mm dia G.I elbows	10.00	No	677.00	6770.00
71	80 mm dia G.I elbows	5.00	No	913.00	4565.00
72	20 mm to 15 mm G.I. sockets (reducing)	300.00	No	24.00	7200.00
73	25 mm to any smaller size G.I. sockets (reducing)	200.00	No	30.00	6000.00
74	40 mm to any smaller size G.I. sockets (reducing)	50.00	No	55.00	2750.00
75	50 mm to any smaller size G.I. sockets (reducing)	20.00	No	91.00	1820.00
76	80-65 Reducing Socket	10.00	No	150.00	1500.00
77	15 mm G.I. Tee (equal)	300.00	No	32.00	9600.00
78	20 mm G.I. Tee (equal/reducing)	100.00	No	54.00	5400.00
79	25 mm G.I. Tee (equal/reducing)	50.00	No	72.00	3600.00
80	40 mm G.I. Tee (equal/reducing)	40.00	No	145.00	5800.00
81	50 mm G.I. Tee (equal/reducing)	30.00	No	230.00	6900.00
82	65 mm G.I. Tee (equal/reducing)	10.00	No	300.00	3000.00
83	80 mm G.I. Tee (equal/reducing)	5.00	No	572.00	2860.00
84	15 mm G.I Nipple of length 3", 4" and 6"	200.00	No	35.00	7000.00
85	20 mm G.I Nipple of length 3", 4" and 6"	50.00	No	46.00	2300.00
86	25 mm G.I Nipple of length 3", 4" and 6"	50.00	No	69.00	3450.00
87	40 mm G.I Nipple of length 3", 4" and 6"	20.00	No	104.00	2080.00
88	50 mm G.I Nipple of length 3", 4" and 6"	10.00	No	144.00	1440.00
89	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of MS Flanges, nuts, bolts etc but excluding cost of earth work and pipes. 80mm dia	83.00	Joints	1100.00	91300.00
90	65mm Dia G.I. Pipes	83.00	Joints	1000.00	83000.00
91	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with anti corrosive red oxide primer and all carriages upto site of work complete.	200.00	Kg	147.82	29564.00
92	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes	100.00	RM	1581.25	158125.00
93	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	2.00	Qty	7408.95	14817.90
94	Providing and fixing 150mm dia DI Sluice Value with ISI Mark Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete Confirming to IS:14846 read with latest amendments..	2.00	No	20243.00	40486.00
95	Providing and fixing 100mm dia Sluice Value with ISI MarkWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	3.00	No	13164.00	39492.00
96	Providing and fixing 80mm dia Sluice Value with ISI MarkWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	10815.00	21630.00
97	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	1740.00	Cum	198.70	345738.00
98	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	538.00	Kg	198.70	106900.60
99	Providing and fixing aluminium sheet covering over expansion joints with iron screws as per design Aluminum fluted strip 3.15 mm thick 200 mm wide	91.90	RM	198.70	18260.53
100	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	100.00	1200.00
101	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. lath with 1.25 mm thick top cover	10.50	Sqm	3238.20	34001.10
102	Providing and fixing ball bearing for rolling shutters.	2.00	No	483.10	966.20

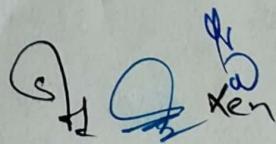
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103	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	3859.00	Kg	91.03	351284.77
104	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	342.00	Kg	146.63	50147.46
105	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	2200.00	Kg	102.13	224686.00
106	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	280.00	Sqm	806.85	225918.00
107	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.	2.26	Cum	138685.40	313429.00
108	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface)excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	134.25	Sqm	951.80	127779.15
109	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	49.10	RM	691.35	33945.29
110	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	14.20	RM	626.15	8891.33
111	Providing and fixing plained eaves boarding, 2nd class kail wood 250x32 mm (nominal size)	59.26	RM	693.90	41120.51
112	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.90	Cum	60102.80	54092.52
113	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	23.61	Sqm	1712.85	40440.39
114	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	119.32	Sqm	172.40	20570.77
115	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	119.32	Sqm	149.05	17784.65
116	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	144.75	Sqm	59.50	8612.63
117	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	144.75	Sqm	121.95	17652.26
118	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	290.50	Sqm	52.75	15323.88

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19	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	290.50	Sqm	125.60	36486.80
120	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	99.14	Sqm	59.35	5883.96
121	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	199.14	Sqm	91.80	18281.05
122	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm	12.00	No	292.80	3513.60
123	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	24.00	No	80.35	1928.40
124	100 x 10mm	104.00	No	57.35	5964.40
125	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	12.00	No	66.35	796.20
126	100mm	64.00	No	52.30	3347.20
127	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	10.20	Sqm	1249.30	12742.86
128	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	75.60	Sqm	1161.05	87775.38
129	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-ALPE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work- exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	36.00	RM	321.15	11561.40
130	2025 (25mm OD) pipe	36.00	RM	385.85	13890.60
131	Providing and fixing PPR Unions PPR Union 20mm	10.00	No	259.70	2597.00
132	PPR Union 25mm	10.00	No	309.20	3092.00
133	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	20.00	RM	2760.40	55208.00



134	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	2.00	No	5534.85	11069.70
135	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	2.00	No	4575.20	9150.40
136	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15	131.15
137	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	4.00	No	583.25	2333.00
138	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	8.00	No	6000.00	48000.00
139	Providing and fixing brass stop cock of approved quality. 15 mm nominal bore	6.00	No	318.85	1913.10
140	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	4.00	No	582.35	2329.40
141	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge	30.00	No	69.85	2095.50
142	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000.00	Ltr	11.25	11250.00
143	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	4.00	No	1735.00	6940.00
144	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	35.00	RM	300.00	10500.00
145	75mm dia	20.00	RM	250.00	5000.00
146	Providing and fixing C.I manhole Cover 0.30 x 0.30m size	4.00	No	1500.00	6000.00
147	Providing and fixing PVC Door Fittings complete.				0.00
148	100mm floor trap	2.00	No	500.00	1000.00
149	100mm door junction	2.00	No	350.00	700.00
150	100mm Collar	8.00	No	175.00	1400.00
151	10mm Gasket	20.00	No	200.00	4000.00
152	100mm bends	10.00	No	250.00	2500.00
153	80mm Door Junction	4.00	No	300.00	1200.00
154	80mm floor trap	4.00	No	250.00	1000.00

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155	80mm bend	12.00	No	200.00	2400.00
156	80mm Collar	8.00	No	150.00	1200.00
157	Floor Grating	6.00	No	250.00	1500.00
158	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	14.00	points	1200.00	16800.00
159	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	8.00	points	2000.00	16000.00
160	P/Fitting / Commissioning of main switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	2.00	No	2500.00	5000.00
161	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	14.00	No	500.00	7000.00
162	Supply and fixing of Hot Water Gysers 50 Ltr Capacity including all accessories testing and commissioning complete of Superior/ approved make.	2.00	No	18000.00	36000.00
163	Preparation of sub grade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.				0.00
164	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00
165	53 mm to 22.4 mm				0.00
166	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size {Type A/B}				0.00
167	Supplying and stacking at site Good Earth				0.00
168	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
169	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
170	Cement and Steel and GI Pipes below 100mm dia 20 Km's	184.06	MT	356.60	65635.80
171	Sand 7 km's and 20mm crushed aggregate	307.62	Cum	402.29	123752.45
172	Crushed Aggregate 40mm nominal Size 7 Kms	71.25	Cum	437.30	31157.63
173	Bricks 110 Km's	16660.00	No	3.45	57477.00
174	GI Pipes below 100mm dia 15 Km's from Div. Store				0.00
175	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 500 mtrs including loading unloading and stacking complete.				0.00
176	Cement				0.00
177	Steel				0.00
178	Sand and 20mm Crushed agg				0.00
179	40mm crushed aggregate				0.00
180	GI Pipes below 100mm dia	37.08	MT	355.70	13189.36
	Total				9728388.34
	Add Contractors Tender Appreciation @ 2% on All items				194567.77
	G. Total				9922956.11

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Gh Mohammad Lone
 S/o : Ali Mohammad Lone
 R/o : Magam
 Regd No : 617/CEE/KCC/TDC/2007-08
 GST No. : 01AHWPL4241RZS

No: PHE/Hand/ 391-94 Date: 29.4.2023

Adv. Cost : - Rs 53.47 Lac.
 Allotted Cost: Rs. 5447997.37/-
 Time of Completion 180 days

Sub : Construction Including Successful Testing and Commissioning of Laying and Fitting, Constt of SR 0.30 Lac gallons, Constt of Sluice Chamber, Constt of Chain Link Fencing and Constt of Pump House Qtr for WSS Chermandi Pazalpora under JJM

Ref:- Your tender in response to this office E-NIT No 42 ./PHE /Hand of 2023 S.No.03 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Ptg/MoM/367-85 DTD. 24.04.2023
3. Accord No. 015/JJM/DSE/HII/DB/2022-23 DTD. 25.08.2023
4. Technical Sanction Order No.CE/PHE/DB/573 OF 09/2022 DTD. 12.09.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

S.I.N O	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	863.21	Cum	436.00	376359.56
2	Ordinary Rock	208.14	Cum	841.60	175170.62
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	24.50	Cum	539.35	13214.08
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	14.62	Cum	252.05	3684.97
5	Ordinary Rock	6.26	Cum	470.00	2942.20
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	171.42	Cum	188.75	32355.53
7	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	153.38	Cum	81.65	12523.48
8	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	31.73	Cum	1320.00	41883.60
9	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	15.01	Cum	4861.84	72976.22
10	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	19.83	Cum	5399.02	107062.57

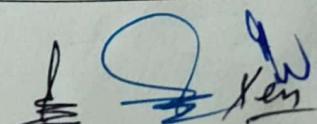
11	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	20.49	Cum	6465.20	132471.95
12	Providing and laying in position Reinforced cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	4.97	Cum	6978.68	34684.04
13	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	20.16	Cum	7801.00	157268.16
14	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns , pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	30.05	Cum	9408.14	282714.61
15	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	10.68	Cum	9849.35	105191.06
16	Reinforced cement concrete work in arches, arch ribs, domes , vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	7.29	Cum	10404.50	75848.81
17	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	18.32	Cum	6802.13	124615.02
18	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	18.32	Cum	1456.02	26674.29
19	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	6299.20	Kg	87.18	549164.26
20	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	85.77	Sqm	262.30	22497.47
21	Walls	282.33	Sqm	573.85	162015.07
22	Beams	34.48	Sqm	502.85	17338.27
23	Suspended Floors	54.11	Sqm	635.60	34392.32
24	Columns	40.56	Sqm	680.15	27586.88
25	Domes exceeding 6 Mtr Span	58.31	Sqm	3095.25	180484.03



26	Edges of slabs and breaks in floors upto 200mm thick.	40.00	Sqm	242.30	9692.00
27	Extra for Centering and shuttering in Circular Foundations	18.12	Sqm	52.46	950.58
28	Walls	165.40	Sqm	114.77	18982.96
29	Beams (Ring Beam of SR)	18.38	Sqm	100.57	1848.48
30	Domes exceeding 6 Mtr Span	58.31	Sqm	619.05	36096.81
31	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	0.60	Cum	92065.35	55239.21
32	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	5.40	Sqm	2745.95	14828.13
33	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	3.25	Sqm	2360.95	7673.09
34	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	2.00	Sqm	1768.05	3536.10
35	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	7.92	Sqm	3338.05	26437.36
36	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	13.32	Sqm	3307.80	44059.90
37	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	36.00	No	163.05	5869.80
38	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	35.85	Cum	787.40	28228.29
39	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	39.70	Sqm	505.00	20048.50
40	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	183.11	Sqm	343.75	62944.06
41	12 mm thick Cement plaster 1 : 6 (1 cement : 6 coarse sand)	95.06	Sqm	241.75	22980.76
42	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	119.32	Sqm	278.60	33242.55



43	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work complete excluding cost of pipes and earth work.				0.00
44	100 mm Dia G.I. Pipes	70.00	Mtr	107.70	7539.00
45	80 mm Dia G.I. Pipes	500.00	Mtr	73.05	36525.00
46	65mm Dia G.I. Pipes	700.00	Mtr	73.05	51135.00
47	50mm Dia G.I. Pipes	700.00	Mtr	40.80	28560.00
48	40mm Dia G.I. Pipes	1500.00	Mtr	40.80	61200.00
49	25mm Dia G.I. Pipe	1800.00	Mtr	30.65	55170.00
50	20mm Dia G.I. Pipe	1050.00	Mtr	20.25	21262.50
51	Providing and fixing GI Union in GI Pipe				0.00
52	15 mm nominal bore G.I Unions	10.00	No	58.00	580.00
53	20 mm nominal bore G.I Unions	100.00	No	100.00	10000.00
54	25 mm nominal bore G.I Unions	50.00	No	130.00	6500.00
55	40 mm nominal bore G.I Unions	30.00	No	232.00	6960.00
56	50 mm nominal bore G.I Unions	25.00	No	299.00	7475.00
57	65 mm nominal bore G.I Unions	15.00	No	477.00	7155.00
58	80 mm nominal bore G.I Unions	20.00	No	551.00	11020.00
59	100 mm nominal bore G.I Unions	20.00	No	551.00	11020.00
60	Providing and fixing gun metal gate valve with CI wheel of approved quality.				0.00
61	20 mm nominal bore	10.00	No	463.65	4636.50
62	25 mm nominal bore	10.00	No	543.85	5438.50
63	40 mm nominal bore	5.00	No	704.70	3523.50
64	50 mm nominal bore	3.00	No	942.75	2828.25
65	65 mm nominal bore	2.00	No	1568.85	3137.70
66	80 mm nominal bore	2.00	No	2406.65	4813.30
67	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
68	20 mm dia G.I elbows	100.00	No	39.00	3900.00
69	25 mm dia G.I elbows	30.00	No	54.00	1620.00
70	40 mm dia G.I elbows	25.00	No	115.00	2875.00
71	50 mm dia G.I elbows	25.00	No	206.00	5150.00
72	65 mm dia G.I elbows	10.00	No	322.00	3220.00
73	80 mm dia G.I elbows	5.00	No	432.00	2160.00
74	20 mm to 15 mm G.I. sockets (reducing)	50.00	No	24.00	1200.00
75	25 mm to any smaller size G.I. sockets (reducing)	30.00	No	30.00	900.00
76	40 mm to any smaller size G.I. sockets (reducing)	30.00	No	55.00	1650.00
77	50 mm to any smaller size G.I. sockets (reducing)	20.00	No	91.00	1820.00
78	80-65 Reducing Socket	10.00	No	150.00	1500.00
79	15 mm G.I. Tee (equal)	10.00	No	32.00	320.00
80	20 mm G.I. Tee (equal/reducing)	50.00	No	54.00	2700.00
81	25 mm G.I. Tee (equal/reducing)	30.00	No	72.00	2160.00
82	40 mm G.I. Tee (equal/reducing)	40.00	No	145.00	5800.00
83	50 mm G.I. Tee (equal/reducing)	30.00	No	230.00	6900.00
84	65 mm G.I. Tee (equal/reducing)	10.00	No	300.00	3000.00
85	80 mm G.I. Tee (equal/reducing)	5.00	No	572.00	2860.00
86	15 mm G.I Nipple of length 3", 4" and 6"	50.00	No	35.00	1750.00
87	20 mm G.I Nipple of length 3", 4" and 6"	200.00	No	46.00	9200.00
88	25 mm G.I Nipple of length 3", 4" and 6"	80.00	No	69.00	5520.00
89	40 mm G.I Nipple of length 3", 4" and 6"	20.00	No	104.00	2080.00
90	50 mm G.I Nipple of length 3", 4" and 6"	10.00	No	144.00	1440.00



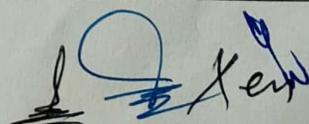
91	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	9.00	No	666.25	5996.25
92	Providing and fixing of flanged MS tail pieces for inlet, overflow, supply lines and washout lines including nuts and boltsluding all carriage complete job.	234.50	Joints	104.25	24446.63
93	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	20243.00	40486.00
94	Providing and fixing 100mm dia Sluice Value with with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	13164.00	13164.00
95	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	1109.72	Cum	198.70	220501.36
96	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	96.00	Kg	57.90	5558.40
97	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	15.55	Sqm	800.00	12440.00
98	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	150.00	1800.00
99	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes	100.00	RM	1581.25	158125.00
100	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	1.00	qtl	7408.95	7408.95
101	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	10.50	Sqm	3238.20	34001.10
102	Providing and fixing ball bearing for rolling shutters.	2.00	No	483.10	966.20
103	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	834.41	Kg	91.03	75956.34
104	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	372.15	Kg	146.63	54568.35
105	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat coat of approved steel primer all complete. (Welded)	955.00	Kg	102.13	97534.15
106	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	90.00	Sqm	806.85	72616.50



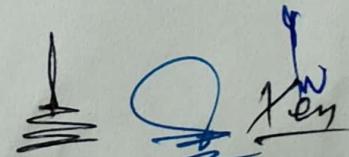
107	providing fixing 1mm thick M.S. sheet sliding-shutters with frame and diagonals braces of 40x40x6mm angle iron, 3mm M.S. gusset plates at the junction and corners, 25mm dia pulley, 40x40x6mm angle and T-iron guide at the top and bottom respectively including applying a priming coat of approved steel primer,	4.05	Sqm	4915.85	19909.19
108	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.	0.49	Cum	138685.40	67955.85
109	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	62.48	Sqm	1046.98	65415.31
110	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	7.10	RM	760.49	5399.48
111	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	14.20	RM	688.77	9780.53
112	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	31.40	RM	693.90	21788.46
113	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.90	Cum	60102.80	54092.52
114	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	23.61	Sqm	1712.85	40440.39
115	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	119.32	Sqm	172.40	20570.77
116	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	119.32	Sqm	149.05	17784.65
117	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	86.31	Sqm	59.50	5135.45
118	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	86.31	Sqm	121.95	10525.50
119	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	290.50	Sqm	52.75	15323.88
120	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90 litre/10sqm over an under coat of primer applied @ 0.80 litre/10sqm of approved brand and manufacture	290.50	Sqm	125.60	36486.80
121	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	240.41	Sqm	91.80	22069.64



122	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm	6.00	No	292.80	1756.80
123	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	12.00	No	80.35	964.20
124	100 x 10mm	32.00	No	57.35	1835.20
125	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	6.00	No	66.35	398.10
126	100mm	32.00	No	52.30	1673.60
127	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	5.10	Sqm	1249.30	6371.43
128	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	37.80	Sqm	1161.05	43887.69
129	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	18.00	RM	321.15	5780.70
130	2025 (25mm OD) pipe	18.00	RM	385.85	6945.30
131	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70	1298.50
132	PPR Union 25mm	5.00	No	309.20	1546.00
133	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	20.00	RM	2760.40	55208.00
134	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No	5534.85	5534.85



135	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
136	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15	131.15
137	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	2.00	No	436.50	873.00
138	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	2.00	No	6000.00	12000.00
139	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	3.00	No	657.30	1971.90
140	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	2.00	No	536.10	1072.20
141	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge	15.00	No	62.30	934.50
142	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00
143	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	2.00	No	1908.50	3817.00
144	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	2.00	No	1750.00	3500.00
145	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	20.00	RM	1750.00	35000.00
146	75mm dia	15.00	RM	1750.00	26250.00
147	Providing and fixing PVC Door Fittings complete.				0.00
148	100mm floor trap	1.00	No	500.00	500.00
149	100mm door junction	1.00	No	350.00	350.00
150	100mm Collar	4.00	No	175.00	700.00
151	10mm Gasket	10.00	No	200.00	2000.00
152	100mm bñds	5.00	No	250.00	1250.00
153	80mm Door Junction	2.00	No	300.00	600.00
154	80mm floor trap	2.00	No	250.00	500.00
155	80mm bend	6.00	No	200.00	1200.00
156	80mm Collar	4.00	No	150.00	600.00
157	Floor Grating	3.00	No	250.00	750.00

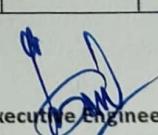


158	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	10.00	points	1200.00	12000.00
159	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	5.00	points	2000.00	10000.00
160	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	1.00	No	2500.00	2500.00
161	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	5.00	No	500.00	2500.00
162	Supply and fixing of Hot Water Gyer 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	1.00	No	18000.00	18000.00
163	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
164	Cement and Steel 20 Km's	62.28	MT	356.60	22209.05
165	Sand and 20mm crushed aggregate 22 km's	203.20	Cum	402.29	81745.33
166	Crushed Aggregate 40mm nominal Size 30 Kms	16.20	Cum	437.30	7084.26
167	Bricks 110 Km's	9160.00	No	3.45	31602.00
168	G.I Pipes below 100mm dia 20 Km's from Div. Store	21.03	MT	356.60	7499.30
169	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 400 mtrs including loading unloading and stacking complete.				0.00
170	Cement	40.67	MT	282.10	11473.01
171	Steel	6.81	MT	605.96	4126.59
172	Sand and 20mm Crushed agg	109.65	Cum	621.21	68115.68
173	40mm crushed aggregate	8.19	Cum	671.55	5499.99
174	G.I Pipes below 100mm dia	21.03	MT	355.70	7480.37
	Total				5347465.37
	Add Contractors Tender Appreciation @ 1.88% on All items				100532.00
	G. Total				5447997.37

Checked by
Head Draftsman



Executive Engineer
PHE Jal Shakti Division Handwara



GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANWARA

Po 1/6

M/S : Farooq Ahmad Khan
S/o : Saff u din Khan
R/o : Kokroosa
Regd No : 05/DSE/HYD/HAND/DEE/CIVIL/2017-18
GST No : 01CPWPK7241A1ZV

No:- PHE/Hand/644-46 Date: 17.05.2023

Adv. Cost : - Rs 34.34 Lacs
Allotted Cost: Rs. 3503692.14/-
Time of Completion 90 days

Sub : Laying and fitting Including Successful Testing and Commissioning of Intake Main, Supply mains, Pipe Distribution Network, and Construction Including Successful Testing Commissioning of 0.22 Lac Gallons S.R., Collection Chamber, Sluice Chamber and Barbed Wire Fencing for WSS Waisa Kawmar Under JMM

Ref:- Your tender in response to this office E-NIT No 26 /PHE /Hand of 2022 S.No.02 issued under this

- Office No.
2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023
3. Accord No. 24/JJM/DSE/HII/DB/ OF 2022-23 OF 21-09-2022
4. Technical Sanction Order No. DSE/HII/DB/112 OF 09/2022 DTD. 21.09.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				0.00
2	All kinds of soil :	548.1	Cum	436.00	238971.60
3	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				0.00
4	Ordinary rock	137.03	Cum	841.60	115324.45
5	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				0.00

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6	All kinds of soil :	550.94	Cum	252.05	138864.43
7	Ordinary rock	137.03	Cum	470.00	64404.10
8	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. (All kinds of soil)	80.81	Cum	188.75	15252.89
9	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				0.00
10	All kinds of soil :	6.13	Cum	81.65	500.51
11	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				0.00
12	All kinds of soil :	85.30	Cum	539.35	46006.56
13	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	1281.71	Cum	198.70	254675.78
14	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	18.63	Cum	1320.00	24591.60
15	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				0.00
16	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	1.13	Cum	7700.00	8701.00
17	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	12.6	Cum	6700.57	84427.18
18	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	14.87	Cum	4861.84	72295.56

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19	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				0.00
20	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1.68	Cum	7700.00	12936.00
21	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	20.38	Cum	10404.35	212040.65
22	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement				0.00
23	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	23.96	Cum	10404.35	249288.23
24	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				0.00
25	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	2.45	Cum	10404.35	25490.66
26	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				0.00
27	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	3.8	Cum	10404.52	39537.18
28	Centering and shuttering including strutting, propping etc. and removal of form for:				0.00
29	Foundations, footings, bases of columns etc. for mass concrete.	841.6	sqm	262.30	220751.68

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30	Walls (any thickness) including attached masters, buttresses, plinth and string courses etc.	345.96	sqm	573.85	198529.15
31	Suspended floors, roofs, landings, balconies and access platforms.	4	sqm	635.60	2542.40
32	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	19.25	sqm	502.85	9679.86
33	Arches, domes, vaults upto 6 m span	38.61	sqm	2395.00	92470.95
34	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				0.00
35	foundation	8.15	sqm	52.46	427.55
36	Walls	146.46	sqm	114.77	16809.21
37	beam	19.25	sqm	100.57	1935.97
38	Dome	38.61	sqm	417.36	16114.27
39	Edges of slabs and breaks in floors and walls	9.4	m	242.30	2277.62
40	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	266	kgs	97.89	26038.74
41	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				0.00
42	Thermo-Mechanically Treated bars of grade Fe-500D or more.	4546	Kg	92.85	422096.10
43	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	605.00	Kg	110.00	66550.00
44	Providing & fixing of MS fittings viz bends of suitable degree, tees, collars etc to be fabricated from 6mm Nominal Size MS plate as per the requirement of site including cost of welding. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job	190	Kg	147.82	28085.80
46	1 : 3 (1 cement : 3 fine sand)	104.87	Sqm	343.75	36049.06
47	12mm Cement plaster				0.00
48	1 : 4 (1 cement : 4 fine sand)	288.29	Sqm	260.05	74969.81
49	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	28.72	Sqm	800.00	22976.00

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50	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	154	sqm	91.80	14137.20
51	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				0.00
52	15 mm dia. nominal bore	2500	m	20.25	50625.00
53	20 mm dia. nominal bore	2000	m	20.25	40500.00
54	25 mm dia. nominal bore	2000	m	30.65	61300.00
55	30 mm dia. nominal bore	1200	m	40.80	48960.00
56	50 mm dia. nominal bore	3600	m	40.80	146880.00
57	65 mm dia. nominal bore	200	m	73.05	14610.00
58	80 mm dia. nominal bore	300	m	73.05	21915.00
59	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire	860	M	19.10	16426.00
60	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete	252	Kg	110.00	27720.00
61	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Sand:				0.00
62	20km	41.02	Cum	402.29	16501.94
63	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				0.00
64	20 km	57.74	Cum	402.29	23228.22
65	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				0.00
66	20 km	13.32	Cum	437.30	5824.84
67	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				0.00

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68	20 km	20.91	Cum	473.25	9895.66
69	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				0.00
70	20 km	40.22	Tonne	357.64	14384.28
71	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks 120km				0.00
72	Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				0.00
73	30 km	32.2	MT	445.86	14356.69
74	Carriage of materials by manual means including loading, unloading, stacking of materials- (Sand) and 20mm aggregate				0.00
75	1500 m	24.98	Cum	1535.23	38350.05
76	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate 40mm and Above				0.00
77	1500 m	3.46	Cum	1659.63	5742.32
78	Carriage of materials by manual means including loading, unloading, stacking of materials- Stone Soling				0.00
79	1500 m	5.56	Cum	1806.05	10041.64
80	Carriage of materials by manual means including loading, unloading, stacking of materials- Cement				0.00
81	1500m	7.65	Tonne	805.58	6162.69
82	Carriage of materials by manual means including loading, unloading, stacking of materials- Steel				0.00
83	1500 m	1.08	Tonne	1372.32	1482.11
84	Carriage of materials by manual means including loading, unloading, stacking of materials- GI pipes				0.00
85	200m	14.28	Tonne	303.65	4336.12
	Total				3434992.29
	Add Contractors Tender Appreciation @ 2% on All items				68699.85
	G. Total				3503692.14

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Sayyad Ahmad Khan
 S/o : Mohammad Mubark Khan
 R/o : Kukroosa
 Regd No : CE/I&FC/SGR/20/AAY/CIVIL & SANITARY/2019-20
 GST No : 01BPTPK1598E1ZR

No: - PHE/Hand/ 383-86 Date: 29/4/2023

Adv. Cost : - Rs. 124.69 Lacs

Allotted Cost : - Rs. 12718482.15

Time of Completion / 80 days

Sub : Construction Including Successful Testing and Commissioning of Laying and Fitting, Constt of Sedimentation Tank, Constt of SR 0.40 Lac Gallon, Constt of 2 No. Shuice Chamber, Constt of Intake Chamber Constt of Chain Link Fencing, Constt of Chowkidar Qtr and Constt of Anchor Blocks for WSS Takiya Sharif under JJM

Ref:- Your tender in response to this office E-NIT No 26 /PHE /Hand of 2023 S.N.02 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Pig/MaM/367-85 DTD. 24.04.2023

3. Accord No.CE/PHE/DR/JJM/ 246 OF 08/2022 DTD. 31.08.2022

4. Technical Sanction Order No.CE/PHE/DB/246 OF 08/2022 DTD. 31.08.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10.sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	4435.94	Cum	436.00	1934069.84
2	Ordinary Rock	750.60	Cum	841.60	631704.96
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	153.30	Cum	539.35	82682.36
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	53.39	Cum	252.05	13456.95
5	Ordinary Rock				0.00
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	172.00	Cum	188.75	32465.00
7	Ordinary Rock				0.00
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	76.26	Cum	81.65	6226.63
9	Ordinary Rock				0.00
10	Addl 2 lift All kinds of Soil				0.00
11	Ordinary Rock				0.00
12	Addl 3 lift All kinds of Soil				0.00
13	Ordinary Rock				0.00

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12

	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00
15	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	85.95	Cum	1320.00	113454.00
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	47.47	Cum	4861.84	230791.54
17	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	60.00	Cum	5399.02	323941.20
18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	37.18	Cum	6465.20	240376.14
19	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	6.49	Cum	6978.68	45291.63
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	53.92	Cum	7801.00	420629.92
21	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level				0.00
22	All works above plinth level upto floor V level				0.00
23	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1.5:3 mix.	80.62	Cum	9408.14	758484.25
24	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	12.70	Cum	9849.35	125086.75

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12

	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00
15	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	85.95	Cum	1320.00	113454.00
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	47.47	Cum	4861.84	230791.54
17	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	60.00	Cum	5399.02	323941.20
18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	37.18	Cum	6465.20	240376.14
19	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	6.49	Cum	6978.68	45291.63
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	53.92	Cum	7801.00	420629.92
21	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-incharge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level				0.00
22	All works above plinth level upto floor V level				0.00
23	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	80.62	Cum	9408.14	758484.25
24	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	12.70	Cum	9849.35	125086.75

25	Reinforced cement concrete work in arches, arch ribs, domes, vault shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	6.97	Cum	10404.50	72519.37
26	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	17.80	Cum	6802.13	121077.91
27	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	17.80	Cum	1456.02	25917.16
28	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	17517.00	Kg	87.18	1527132.06
29	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)				0.00
30	Excluding Cost of Stones				0.00
31	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	18.67	Sqm	2497.50	46628.33
32	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	204.42	Sqm	262.30	53619.37
33	Walls	865.92	Sqm	573.85	496908.19
34	Beams	22.74	Sqm	502.85	11434.81
35	Suspended Floors	78.28	Sqm	635.60	49754.77
36	Columns				0.00
37	Domes exceeding 6 Mtr Span	70.23	Sqm	3095.25	217379.41
38	Edges of slabs and breaks in floors upto 200mm thick.	18.80	RM	242.30	4555.24
39	Extra for Centering and shuttering in Circular Foundations	14.53	Sqm	52.46	762.24
40	Walls	188.27	Sqm	114.77	21607.75
41	Beams (Ring Beam of SR)	22.74	Sqm	100.57	2286.96
42	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	0.66	Cum	92065.35	60763.13
43	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. First class kail wood	6.95	Sqm	3093.80	21501.91
44	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	3.00	Sqm	2360.95	7082.85
45	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	1.50	Sqm	1768.05	2652.08

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46	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	9.65	Sqm	3338.05	32212.18
47	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	11.40	Sqm	3307.80	37708.92
48	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	60.00	No	163.05	9783.00
49	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete				0.00
50	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	33.50	Sqm	505.00	16917.50
51	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	582.75	Sqm	343.75	200320.31
52	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	417.53	Sqm	260.05	108578.68
53	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	150.65	Sqm	278.60	41971.09
54	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
55	100 mm Dia G.I. Pipes				0.00
56	80 mm Dia G.I. Pipes	300.00	Mtr	73.05	21915.00
57	65mm Dia G.I. Pipes	350.00	Mtr	73.05	25567.50
58	50mm Dia G.I. Pipes	2000.00	Mtr	40.80	81600.00
59	40mm Dia G.I. Pipes	2500.00	Mtr	40.80	102000.00
60	25mm Dia G.I. Pipe	2500.00	Mtr	30.65	76625.00
61	20mm Dia G.I. Pipe	3000.00	Mtr	20.25	60750.00
62	15mm Dia G.I. Pipes	3000.00	Mtr	20.25	60750.00
63	Providing and fixing GI Union in GI Pipe				0.00
64	15 mm nominal bore G.I Unions	100.00	No	58.00	5800.00
65	20 mm nominal bore G.I Unions	60.00	No	100.00	6000.00
66	25 mm nominal bore G.I Unions	40.00	No	130.00	5200.00
67	40 mm nominal bore G.I Unions	40.00	No	232.00	9280.00
68	50 mm nominal bore G.I Unions	30.00	No	299.00	8970.00
69	65 mm nominal bore G.I Unions	5.00	No	477.00	2385.00
70	80 mm nominal bore G.I Unions	5.00	No	551.00	2755.00
71	100 mm nominal bore G.I Unions	1.00	No	850.00	850.00
72	Providing and fixing gun metel gate value with CI wheel of approved quality.				0.00
73	20 mm nominal bore	10.00	No	463.65	4636.50
74	25 mm nominal bore	10.00	No	543.85	5438.50
75	40 mm nominal bore	10.00	No	704.70	7047.00



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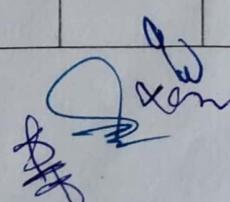
76	50 mm nominal bore	5.00	No	942.75	4713.75
77	65 mm nominal bore	2.00	No	1568.85	3137.70
78	80 mm nominal bore	2.00	No	2406.65	4813.30
79	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
80	20 mm dia G.I elbows	20.00	No	39.00	780.00
81	25 mm dia G.I elbows	20.00	No	54.00	1080.00
82	40 mm dia G.I elbows	20.00	No	115.00	2300.00
83	50 mm dia G.I elbows	15.00	No	206.00	3090.00
84	65 mm dia G.I elbows	5.00	No	322.00	1610.00
85	80 mm dia G.I elbows	3.00	No	432.00	1296.00
86	20 mm to 15 mm G.I. sockets (reducing)	140.00	No	24.00	3360.00
87	25 mm to any smaller size G.I. sockets (reducing)	50.00	No	30.00	1500.00
88	40 mm to any smaller size G.I. sockets (reducing)	40.00	No	55.00	2200.00
89	50 mm to any smaller size G.I. sockets (reducing)	30.00	No	91.00	2730.00
90	80-65 Reducing Socket	10.00	No	150.00	1500.00
91	15 mm G.I. Tee (equal)	100.00	No	32.00	3200.00
92	20 mm G.I. Tee (equal/reducing)	100.00	No	54.00	5400.00
93	25 mm G.I. Tee (equal/reducing)	50.00	No	72.00	3600.00
94	40 mm G.I. Tee (equal/reducing)	30.00	No	145.00	4350.00
95	50 mm G.I. Tee (equal/reducing)	10.00	No	230.00	2300.00
96	65 mm G.I. Tee (equal/reducing)	5.00	No	300.00	1500.00
97	80 mm G.I. Tee (equal/reducing)	2.00	No	572.00	1144.00
98	15 mm G.I Nipple of length 3", 4" and 6"	80.00	No	35.00	2800.00
99	20 mm G.I Nipple of length 3", 4" and 6"	65.00	No	46.00	2990.00
100	25 mm G.I Nipple of length 3", 4" and 6"	50.00	No	69.00	3450.00
101	40 mm G.I Nipple of length 3", 4" and 6"	30.00	No	104.00	3120.00
102	50 mm G.I Nipple of length 3", 4" and 6"	20.00	No	144.00	2880.00
103	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc. if required will be paid separately).50 mm dia.	2.00	No	5147.15	10294.30
104	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	50.00	No	666.25	33312.50
105	50 to 80 mm nominal bore	10.00	No	1268.75	12687.50
106	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 100mm dia	42.00	Joints	1100.00	46200.00
107	80mm dia	32.00	Joints	1000.00	32000.00
108	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with anticorrosive red oxide primer and all carriages upto site of work complete.				0.00
109	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
110	Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00

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111	Providing and fixing 80mm dia Sluice Valve with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
112	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	4613.12	Cum	198.70	916626.94
113	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	1084.00	Kg	57.90	62763.60
114	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	23.00	Sqm	800.00	18400.00
115	Providing and fixing PVC pipe bends 80mm dia for air vents.				0.00
116	Laying in position centrifugally cast (spun) iron S&S or flanged pipes(excluding cost of pipe (150/125/100mm Dia D.I. Pipes)	1934.58	Qty	245.55	475036.12
117	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket. 150mm Dia				0.00
118	150mm dia D.I. Pipes	73.00	Joints	144.70	10563.10
119	125mm dia D.I. Pipes	1500.00	Joints	105.00	157500.00
120	100mm dia D.I. Pipes	125.00	Joints	89.70	11212.50
121	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia				0.00
122	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover				0.00
123	Providing and fixing ball bearing for rolling shutters.				0.00
124	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				0.00
125	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	1492.00	Kg	146.63	218771.96
126	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	4618.00	Kg	105.76	488399.68
127	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)				0.00
128	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete.	103.50	Kg	102.13	10570.46

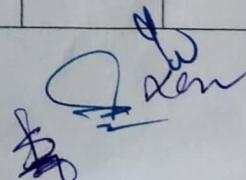
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129	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes	192.00	Kg	174.25	33456.00
130	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.				0.00
131	Providing and fixing aluminum hanging floor door stopper, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 9.103.1 Single rubber stopper	4.00	No	54.60	218.40
132	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces				0.00
133	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in charge.	356.58	Sqm	733.50	261551.43
134	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.				0.00
135	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	89.60	Sqm	951.80	85281.28
136	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	48.17	RM	691.35	33302.33
137	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²				0.00
138	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)				0.00
139	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Popular wood.	3.46	Cum	30000.00	103800.00
140	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood				0.00
141	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	112.11	Sqm	172.40	19327.76



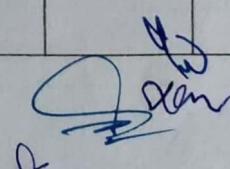
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142	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	112.11	Sqm	149.05	16710.00
143	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	36.80	Sqm	59.50	2189.60
144	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	286.40	Sqm	121.95	34926.48
145	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works				0.00
146	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90 litre/10sqm over an under coat of primer applied @ 0.80 litre/10sqm of approved brand and manufacture	10.35	Sqm	125.60	1299.96
147	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	66.60	Sqm	59.35	3952.71
148	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	66.60	Sqm	91.80	6113.88
149	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm				0.00
150	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 200 x 10mm	8.00	No	89.20	713.60
151	100 x 10mm	72.00	No	57.35	4129.20
152	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	8.00	No	66.35	530.80
153	100mm	36.00	No	52.30	1882.80
154	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm				0.00
155	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with:	10.50	Sqm	2171.10	22796.55
156	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	19.60	Sqm	1161.05	22756.58



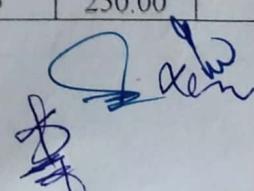
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157	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work- exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe				0.00
158	2025 (25mm OD) pipe				0.00
159	Providing and fixing PPR Unions PPR Union 20mm				0.00
160	PPR Union 25mm				0.00
161	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.:Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia. nominal bore	18.00	RM	431.10	7759.80
162	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.:Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia. nominal bore (Medium)	18.00	RM	163.55	2943.90
163	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes				0.00
164	Supplying, Providing, assembling, Fabricating, covering and fixing in verticalm position in Dug Well Mud Steel tubular Stening having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as perv direction of Engineer-In- Charge				0.00
165	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete				0.00
166	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Hnadle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors whereever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No	5534.85	5534.85
167	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20



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168	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia				0.00
169	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete	4.00	No	1839.60	7358.40
170	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00	No	436.50	1309.50
171	Providing and fixing 15 mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms	4.00	No	624.30	2497.20
172	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg				0.00
173	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	1.00	No	657.30	657.30
174	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931				0.00
175	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge				0.00
176	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00
177	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5				0.00
178	Providing and fixing C.I manhole Cover 0.45 x 0.45m size				0.00
179	Providing and fixing PVC Soil waste and vent pipe of reputed make Incl earth eork and refilling. 100mm dia	9.00	RM	300.00	2700.00
180	75mm dia	6.00	RM	250.00	1500.00
181	Providing and fixing PVC Door Fittings complete.	1.00	No	300.00	300.00
182	100mm floor trap	1.00	No	500.00	500.00
183	100mm door junction	1.00	No	350.00	350.00
184	100mm Collar	1.00	No	175.00	175.00
185	10mm Gasket	1.00	No	200.00	200.00
186	100mm bends	1.00	No	250.00	250.00
187	80mm Door Junction	1.00	No	300.00	300.00
188	80mm floor trap	1.00	No	250.00	250.00
189	80mm bend	1.00	No	200.00	200.00
190	80mm Collar	1.00	No	150.00	150.00
191	Floor Grating	1.00	No	250.00	250.00



192	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete				0.00
193	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete				0.00
194	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")				0.00
195	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .				0.00
196	Supply and fixing of Hot Water Gysers 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.				0.00
197	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.				0.00
198	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00
199	53 mm to 22.4 mm				0.00
200	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)				0.00
201	Supplying and stacking at site Good Earth				0.00
202	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
203	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
204	Cement and Steel 20 Km's	40.71	MT	356.60	14517.19
205	Cement and Steel 5 Km's	102.29	MT	183.36	18755.89
206	Sand and 20mm crushed aggregate 15 km's	293.43	Cum	341.57	100226.89
207	Sand and 20mm crushed aggregate 5 km's	60.62	Cum	341.57	20705.97
208	Crushed Aggregate 40mm nominal Size 15 Kms	66.53	Cum	371.29	24701.92
209	Bricks 110 Km's	8436.00	No	3.45	29104.20
210	G.I Pipes below 100mm dia 15 Km's from Div. Store	35.11	MT	303.65	10661.15
211	150mm dia DI Pipes 15 Km's from Div. Store	400.00	Mtrs	12.44	4976.00
212	125mm dia DI Pipes 15 Km's from Div. Store	8600.00	Mtrs	9.97	85742.00
213	100mm dia DI/GI Pipes 15 Km's from Div. Store	1000.00	Mtrs	7.46	7460.00
214	Stones for avg lead 15 Km's	18.67	Cum	401.83	7502.17
215	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 200 mtrs including loading unloading and stacking complete.				0.00

A handwritten signature in blue ink, appearing to be a name like "S. K. Khan".

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216	Cement	32.41	MT	175.08	5674.34
217	Steel	8.31	MT	376.05	3124.98
218	Sand and 20mm Crushed agg	100.48	Cum	347.00	34866.56
219	40mm crushed aggregate	13.66	Cum	375.13	5124.28
220	G.I Pipes below 100mm dia 200 Mtrs avg Lead.	35.11	MT	220.73	7749.83
221	150mm dia DI for a length of 350 mtrs avg	400.00	Mtrs	10.97	4388.00
222	125mm dia DI for 1000 Mtrs length Avg	8600.00	Mtrs	19.19	165034.00
223	100mm dia DI/GI avg 200 Mtrs	1000.00	Mtrs	5.97	5970.00
	Total				12469100.14
	Add Contractors Tender Appreciation @ 2% on All items				249382.00
	G. Total				12718482.15

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

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**GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA**

M/o : Mohd Yaseen Sheikh
 S/o : Mohd Afzal Sheikh
 R/o : Villgam
 Regd No : SE/HYD/SPR/206/AAYY/2004-05
 GST No. : 01BBPPS3397R1Z0

No: - PHE/Hand/ 387-90 Date:- 29/4/2023

Adv. Cost : - Rs 121.81 Lacs
 Allotted Cost: -Rs. 12668971.12/-
 Time of Completion 180 days

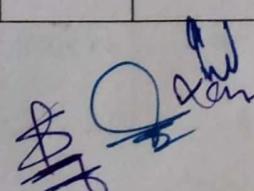
Sub : Constt of PST, Constt of 1.00 Lac gallon SR, Constt of S.R 0.20 Lac gallon, Constt of sluice Chamber/washout 2 No., CW Drain, Constt of chain link fencing, Constt of Saddle block, Constt of toe wall, Approach road, plate form cutting, crate protection, WC/Bathroom and Retanning Wall for WSS Villgam Ramhall under JJM.

Ref:- Your tender in response to this office E-NIT No 51 /PHE /Hand of 2023 S.No.04 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023
3. Accord No.CE/PHE/DB/JJM/
4. Technical Sanction Order No.CE/PHE/DB/

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

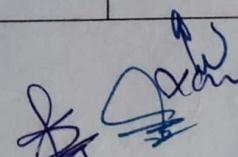
Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	35.25	Cum	436.00	15369.00
2	Ordinary Rock				0.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil				0.00
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	71.40	Cum	252.05	17996.37
5	Oridanary Rock	21.60	Cum	470.00	10152.00
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	1374.53	Cum	188.75	259442.54
7	Oridanary Rock	21.80	Cum	378.35	8248.03
8	Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m in all kinds of soil:	150.00	Cum	674.35	101152.50



9	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil				0.00
10	Ordinary Rock				0.00
11	Addl 2 lift All kinds of Soil				0.00
12	Ordinary Rock				0.00
13	Addl 3 lift All kinds of Soil				0.00
14	Ordinary Rock				0.00
15	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00
16	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	123.52	Cum	1320.00	163046.40
17	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	61.52	Cum	4861.84	299100.40
18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	61.55	Cum	5399.02	332309.68
19	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	31.25	Cum	6465.20	202037.50
20	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 1.5 Course Sand : 3 graded crushed stone agg 20mm nominal size)	23.44	Cum	7287.28	170813.84
21	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	18.09	Cum	6978.68	126244.32
22	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	28.30	Cum	7801.00	220768.30
23	Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding them cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-incharge. Note: - Cement in this item is @ 330 kg / cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level	159.49	Cum	8023.13	1279609.00
24	All works above plinth level upto floor V level	130.93	Cum	9414.85	1232686.31
25	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	13.70	Cum	9408.14	128891.52

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26	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	14.78	Cum	9849.35	145573.39
27	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	26.77	Cum	10404.50	278528.47
28	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	4.72	Cum	6802.13	32106.05
29	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	4.72	Cum	1456.02	6872.41
30	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	31486.00	Kg	87.18	2744949.48
31	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)				0.00
32	Excluding Cost of Stones				0.00
33	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	13.88	Sqm	2497.50	34665.30
34	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	218.54	Sqm	262.30	57323.04
35	Walls	1485.10	Sqm	573.85	852224.64
36	Beams	46.04	Sqm	502.85	23151.21
37	Suspended Floors	118.35	Sqm	635.60	75223.26
38	Columns	7.56	Sqm	680.15	5141.93
39	Domes exceeding 6 Mtr Span	214.16	Sqm	3095.25	662878.74
40	Edges of slabs and breaks in floors upto 200mm thick.	60.10	RM	242.30	14562.23
41	Extra for Centering and shuttering in Circular Foundations	20.42	Sqm	52.46	1071.23
42	Walls	407.60	Sqm	114.77	46780.25
43	Beams (Ring Beam of SR)	46.04	Sqm	100.57	4630.24
44	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood				0.00
45	Providing and fixing panelled or panelling and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick				0.00
46	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type				0.00



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47	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)				0.00
48	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.				0.00
49	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge. Second kail wood 35mm thick				0.00
50	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).				0.00
51	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete				0.00
52	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	2.25	Sqm	505.00	1136.25
53	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	608.38	Sqm	343.75	209130.63
54	12 mm thick Cement plaster 1 : 6 (1 cement : 6 coarse sand)	627.31	Sqm	241.75	151652.19
55	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	31.50	Sqm	278.60	8775.90
56	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/by mechanical means including stacking of pipes within 50 meters lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore.				0.00
57	Above 40 mm nominal bore				0.00
58	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
59	100 mm Dia G.I. Pipes				0.00
60	80 mm Dia G.I. Pipes				0.00
61	65mm Dia G.I. Pipes				0.00

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62	50mm Dia G.I. Pipes			0.00
	40mm Dia G.I. Pipes			0.00
64	25mm Dia G.I. Pipe			0.00
65	20mm Dia G.I. Pipe			0.00
66	15mm Dia G.I. Pipes			0.00
67	Laying in position centrifugally cast (spun) iron S&S or flanged pipes(excluding cost of pipe)			0.00
68	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket			0.00
69	300mm Dia DI Pipes			0.00
70	250mm Dia DI Pipes			0.00
71	200mm Dia DI Pipes			0.00
72	150mm Dia DI Pipes			0.00
73	Laying in position S&S or flanged C.I. special such as tees, bends, collars, tapers and caps etc. (excluding cost of specials in case available in Div. Store)			0.00
74	Providing and laying S&S C.I. standard specials such as tees, bends, collars, tapers, caps etc (Heavy class) Up to 300 mm dia (In case non availability in Div. Store)			0.00
75	Providing and fixing GI Union in GI Pipe			0.00
76	15 mm nominal bore G.I Unions			0.00
77	20 mm nominal bore G.I Unions			0.00
78	25 mm nominal bore G.I Unions			0.00
79	40 mm nominal bore G.I Unions			0.00
80	50 mm nominal bore G.I Unions			0.00
81	65 mm nominal bore G.I Unions			0.00
82	80 mm nominal bore G.I Unions			0.00
83	100 mm nominal bore G.I Unions			0.00
84	Providing and fixing gun mate gate valve with CI wheel of approved quality.			0.00
85	20 mm nominal bore			0.00
86	25 mm nominal bore			0.00
87	40 mm nominal bore			0.00
88	50 mm nominal bore			0.00
89	65 mm nominal bore			0.00
90	80 mm nominal bore			0.00
91	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)			0.00
92	20 mm dia G.I elbows			0.00
93	25 mm dia G.I elbows			0.00
94	40 mm dia G.I elbows			0.00
95	50 mm dia G.I elbows			0.00
96	65 mm dia G.I elbows			0.00
97	80 mm dia G.I elbows			0.00
98	20 mm to 15 mm G.I. sockets (reducing)			0.00
99	25 mm to any smaller size G.I. sockets (reducing)			0.00
100	40 mm to any smaller size G.I. sockets (reducing)			0.00
101	50 mm to any smaller size G.I. sockets (reducing)			0.00
102	80-65 Reducing Socket			0.00

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103	15 mm G.I. Tee (equal)				0.00
104	20 mm G.I. Tee (equal/reducing)				0.00
105	25 mm G.I. Tee (equal/reducing)				0.00
106	40 mm G.I. Tee (equal/reducing)				0.00
107	50 mm G.I. Tee (equal/reducing)				0.00
108	65 mm G.I. Tee (equal/reducing)				0.00
109	80 mm G.I. Tee (equal/reducing)				0.00
110	15 mm G.I Nipple of length 3", 4" and 6"				0.00
111	20 mm G.I Nipple of length 3", 4" and 6"				0.00
112	25 mm G.I Nipple of length 3", 4" and 6"				0.00
113	40 mm G.I Nipple of length 3", 4" and 6"				0.00
114	50 mm G.I Nipple of length 3", 4" and 6"				0.00
115	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore				0.00
116	50 to 80 mm nominal bore				0.00
117	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 80mm dia				0.00
118	65mm dia				0.00
119	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with antoiccorrosive red oxide primer and all carriages upto site of work complete.				0.00
120	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
121	Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
122	Providing and fixing 80mm dia Sluice Value with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
123	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	983.00	Cum	198.70	195322.10
124	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)				0.00
125	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	101.21	Sqm	800.00	80968.00
126	Providing and fixing PVC pipe bends 80mm dia for air vents.				0.00
127	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes				0.00
128	Providing and fixing of ISI marked Standard CI/DI specials,				0.00

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129	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover				0.00
130	Providing and fixing ball bearing for rolling shutters.				0.00
131	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				0.00
133	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	403.75	Kg	146.63	59201.86
134	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	711.50	Kg	114.68	81594.82
135	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	1502.00	Kg	105.76	158851.52
136	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)				0.00
137	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.				0.00
138	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	5.40	Sqm	4788.25	25856.55
139	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in charg	162.00	Sqm	733.50	118827.00
140	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.				0.00
141	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m2				0.00

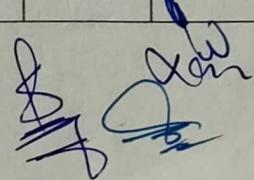
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142	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.				0.00
143	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²				0.00
144	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)				0.00
145	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood				0.00
146	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood				0.00
147	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick				0.00
148	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer				0.00
149	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)				0.00
150	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.				0.00
151	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works				0.00
152	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture				0.00
153	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	475.70	Sqm	91.80	43669.26
154	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm				0.00
155	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm				0.00
156	100 x 10mm				0.00
157	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm				0.00
158	100mm				0.00

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	Providing and laying Ceramic glazed floor tiles 300x300 mm thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.In all colours, shades, except White, Ivory, Fume Red Brown	11.07	Sqm	1115.80	12351.91
160	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete				0.00
161	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	12.00	RM	321.15	3853.80
162	2025 (25mm OD) pipe	12.00	RM	385.85	4630.20
163	Providing and fixing PPR Unions PPR Union 20mm	4.00	No	259.70	1038.80
164	PPR Union 25mm	4.00	No	309.20	1236.80
165	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.: internal work-Exposed on wall 15 mm dia. nominal bore	18.00	RM	300.40	5407.20
166	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) 15 mm dia. nominal bore	18.00	RM	163.55	2943.90
167	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes				0.00
168	Supplying, Providing, assembling, Fabricating, covering and fixing in vertical position in Dug Well Mud Steel tubular Stening having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as perv direction of Engineer-In- Charge				0.00
169	Dumping stone excluding cost of stones. on Slopes (Behind pitching) (Measurements to be reduced by 15% for Voids)	10.18	Cum	237.80	2420.80
170	Constructing vertical bunds with sloping faces, by boulder filling (dry, hand packed tightly); including cost of stones but excluding cost of wirecrates. (Measurements to be reduced by 15% for Voids)	146.55	Cum	2073.55	303878.75
171	Hand packing of Stones in Wire Crates excluding cost of wire crates and stones. (Measurements to be reduced by 15% for Voids)	86.40	Cum	337.45	29155.68



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	Supply of Knitted Wire Crates made of Mesh type 10x12 mm (100 mm) Zn+PVC coated. Mesh wire diameter 2.70/3.70 mm (ID/OD). Incl all carriages.	302.40	Sqm	220.00	66528.00
173	Supply of Stones / Boulders	82.09	Cum	1000.00	82090.00
174	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No	5534.85	5534.85
175	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
176	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia				0.00
177	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00	No	436.50	1309.50
178	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg				0.00
179	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	2.00	No	657.30	1314.60
180	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	2.00	No	536.10	1072.20
181	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge				0.00
182	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00
183	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5				0.00
184	Providing and fixing C.I. manhole Cover 0.30 x 0.30m size	2.00	No	1750.00	3500.00
185	Providing and fixing PVC Soil waste and vent pipe of reputed make incl earth eork and refilling. 100mm dia	12.00	RM	1750.00	21000.00
186	75mm dia	12.00	RM	1750.00	21000.00
187	Providing and fixing PVC Door Fittings complete.				0.00
188	100mm floor trap				0.00
189	100mm door junction				0.00
190	100mm Collar				0.00

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194	8mm Gasket				0.00
195	8mm bends				0.00
196	80mm Door Junction				0.00
197	80mm floor trap				0.00
198	80mm bend				0.00
199	80mm Collar				0.00
200	Floor Grating				0.00
201	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete				0.00
202	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete				0.00
203	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")				0.00
204	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .				0.00
205	Supply and fixing of Hot Water Gyer 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.				0.00
206	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.	300.00	Cum	139.40	41820.00
207	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	67.50	Cum	492.75	33260.63
208	63 mm to 45 mm	45.00	Cum	564.60	25407.00
209	53 mm to 22.4 mm	30.00	Cum	575.30	17259.00
210	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)	10.30	Cum	504.40	5195.32
211	Supplying and stacking at site Good Earth				0.00
212	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :	142.50	Cum	574.60	81880.50
213	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
214	Cement and Steel 20 Km's	247.37	MT	357.64	88469.41
215	Sand and 20mm crushed aggregate 20 km's	648.15	Cum	402.29	260744.26
216	Crushed Aggregate 40mm and above nominal Size 20 Kms	198.70	Cum	437.30	86891.51
217	Surplus excavated earth	43.20	Cum	502.85	21723.12
218	Bricks from Budgam 120 Km's	2241.00	No	3.73	8358.93
219	Stones avg 20 Km;s	82.09	Cum	473.25	38849.09

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217	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 50 mtrs including loading unloading and stacking complete.				0.00
218	Cement	211.78	MT	121.57	25746.09
219	Steel	35.58	MT	261.10	9289.94
220	Sand and 20mm Crushed agg	637.85	Cum	209.90	133884.72
221	40mm crushed aggregate	56.20	Cum	226.92	12752.90
222	Bricks	2241.00	No	0.40	896.40
223	Stones/ Boulders	(82.09)	Cum	246.94	20271.30
	Total				12181703.00
	Add Contractors Tender Appreciation @ 4% on All items				487268.12
	G. Total				12668971.12

Checked by
Head Draftsman

Executive Engineer
PHE Jai Shakti Division Handwara

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GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JS Division HANDWARA



M/S : Malik Construction
 Prop : Mohd Sultan Malik
 S/o : Ab Gani Malik
 R/o : Trehgam
 Regd No : 105/SE.HYD/AYY/HANDWARA/2044-05
 GST No. : 01ALWPM1190N1Z0
 No. - PHE/Hand/ 722-27 Date: 27/05/2023

Adv. Cost : - Rs 104.48 Lacs

Allotted Cost: - Rs. 10657297.38/-

Time of Completion 90 days

Sub : Laying and fitting Including Successful Testing and Commissioning of GI pipes. Constt of 0.50 Lac Gallon SR, Constt of Chain Link Fencing, Construction of Pump House , Constt of Road ,Constt of Gang Hut, Constt of R/Wall B/Wall and Constt of Anchor Blocks/Saddle Blocks for WSS Check E Natnoosa under JJM.

Ref:- Your tender in response to this office E-NIT No 44 /PHE /Hand of 2023 S.No.02 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023

3. Accord No.CE/PHE/DB/246 OF 08/2022 DTD. 31.08.2022

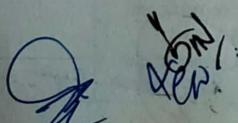
4. Technical Sanction Order No. CE/PHE/DB/243 OF 08/2022 DTD. 31.08.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	1022.70	Cum	436.00	445897.20
2	:-Ordinary Rock	92.05	Cum	841.60	77469.28
3	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed In all kinds of Soil	613.65	Cum	841.60	516447.84
4	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	1014.18	Cum	188.75	191426.48
5	Oridanary Rock				0.00
6	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addll 1 lift All kinds of Soil	147.25	Cum	81.65	12022.96
7	Oridanary Rock				0.00
8	Addll 2 lift All kinds of Soil	230.81	Cum	163.30	37691.27
9	Oridanary Rock				0.00
10	Addll 3 lift All kinds of Soil	180.30	Cum	163.30	29442.99
11	Oridanary Rock				0.00
12	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00
13	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	67.23	Cum	1320.00	88743.60
14	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	28.17	Cum	4861.84	136958.03

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15	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	127.70	Cum	5399.02	6894
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)			0.00	4 Edges of slab
17	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	21.00	Cum	6978.68	146552.28
18	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	32.94	Cum	7801.00	256964.94
19	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	39.00	Cum	9408.14	366917.46
20	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	19.73	Cum	9849.35	194327.68
21	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.08	Cum	10404.50	84068.36
22	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	33.25	Cum	6802.13	226170.82
23	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	33.25	Cum	1456.02	48412.67
24	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	9504.00	Kg	87.18	828558.72
25	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)			0.00	
26	Excluding Cost of Stones			0.00	
27	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.			0.00	
28	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	161.11	Sqm	262.30	42259.15
29	Walls	942.76	Sqm	573.85	541002.83
30	Beams	62.83	Sqm	502.85	31594.07
31	Suspended Floors	94.96	Sqm	635.60	60356.58
32	Columns	33.00	Sqm	680.15	22444.95
33	Domes exceeding 6 Mtr Span	64.68	Sqm	3095.25	200200.77



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34	Edges of slabs and breaks in floors upto 200mm thick.	70.00	Sqm	242.30	16961.00
35	Extra for Centering and shuttering in Circular Foundations	18.04	Sqm	52.46	946.38
36	Walls	245.42	Sqm	114.77	28166.85
37	Beams (Ring Beam of SR)	24.88	Sqm	100.57	2502.18
38	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	1.25	Cum	92065.35	115081.69
39	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	11.10	Sqm	2745.95	30480.05
40	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	6.89	Sqm	2360.95	16266.95
41	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	4.00	Sqm	1768.05	7072.20
42	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	14.26	Sqm	3338.05	47600.59
43	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	25.36	Sqm	3307.80	83885.81
44	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	63.00	No	163.05	10272.15
45	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	35.55	Cum	787.40	27992.07
46	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	73.90	Sqm	505.00	37319.50
47	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	195.72	Sqm	343.75	67278.75
48	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	218.46	Sqm	278.60	60862.96
49	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
50	100 mm Dia G.I. Pipes				0.00
51	80 mm Dia G.I. Pipes				0.00
52	65mm Dia G.I. Pipes	2000.00	Mtr	73.05	146100.00
53	50mm Dia G.I. Pipes	1950.00	Mtr	40.80	79560.00

54	40mm Dia G.I. Pipes	1500.00	Mtr	40.80	
55	25mm Dia G.I. Pipe	1500.00	Mtr	30.65	6120
56	20mm Dia G.I. Pipe	2000.00	Mtr	20.25	45975
57	15mm Dia G.I. Pipes	1000.00	Mtr	20.25	40500.0
58	Providing and fixing GI Union in GI Pipe				20250.00
59	15 mm nominal bore G.I Unions	400.00	No	58.00	0.00
60	20 mm nominal bore G.I Unions	270.00	No	100.00	23200.00
61	25 mm nominal bore G.I Unions	180.00	No	130.00	27000.00
62	40 mm nominal bore G.I Unions	50.00	No	232.00	23400.00
63	50 mm nominal bore G.I Unions	40.00	No	299.00	11600.00
64	65 mm nominal bore G.I Unions	15.00	No	477.00	11960.00
65	80 mm nominal bore G.I Unions				7155.00
66	100 mm nominal bore G.I Unions				0.00
67	Providing and fixing gun matel gate value with CI wheel of approved quality.				0.00
68	20 mm nominal bore	30.00	No	463.65	13909.50
69	25 mm nominal bore	30.00	No	543.85	16315.50
70	40 mm nominal bore	10.00	No	704.70	7047.00
71	50 mm nominal bore	8.00	No	942.75	7542.00
72	65 mm nominal bore	3.00	No	1568.85	4706.55
73	80 mm nominal bore				0.00
74	100 mm nominal bore	1.00	No	5000.00	5000.00
75	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
76	20 mm dia G.I elbows	300.00	No	39.00	11700.00
77	25 mm dia G.I elbows	200.00	No	54.00	10800.00
78	40 mm dia G.I elbows	50.00	No	115.00	5750.00
79	50 mm dia G.I elbows	35.00	No	206.00	7210.00
80	65 mm dia G.I elbows	15.00	No	322.00	4830.00
81	80 mm dia G.I elbows				0.00
82	20 mm to 15 mm G.I. sockets (reducing)	350.00	No	24.00	8400.00
83	25 mm to any smaller size G.I. sockets (reducing)	250.00	No	30.00	7500.00
84	40 mm to any smaller size G.I. sockets (reducing)	80.00	No	55.00	4400.00
85	50 mm to any smaller size G.I. sockets (reducing)	35.00	No	91.00	3185.00
86	65-50 Reducing Socket	10.00	No	150.00	1500.00
87	15 mm G.I. Tee (equal)	200.00	No	32.00	6400.00
88	20 mm G.I. Tee (equal/reducing)	100.00	No	54.00	5400.00
89	25 mm G.I. Tee (equal/reducing)	70.00	No	72.00	5040.00
90	40 mm G.I. Tee (equal/reducing)	30.00	No	145.00	4350.00
91	50 mm G.I. Tee (equal/reducing)	20.00	No	230.00	4600.00
92	65 mm G.I. Tee (equal/reducing)	10.00	No	300.00	3000.00
93	80 mm G.I. Tee (equal/reducing)				0.00
94	15 mm G.I Nipple of length 3", 4" and 6"	350.00	No	35.00	12250.00
95	20 mm G.I Nipple of length 3", 4" and 6"	400.00	No	46.00	18400.00
96	25 mm G.I Nipple of length 3", 4" and 6"	300.00	No	69.00	20700.00
97	40 mm G.I Nipple of length 3", 4" and 6"	60.00	No	104.00	6240.00

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98	50 mm G.I Nipple of length 3", 4" and 6"	40.00	No	144.00	5760.00
99	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	70.00	No	666.25	46637.50
100	50 to 80 mm nominal bore	10.00	No	1268.75	12687.50
101	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 100mm dia				0.00
102	80mm dia				0.00
103	65mm dia	83.00	Joints	1000.00	83000.00
104	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with antoicorrosive red oxide primer and all carriages upto site of work complete.	180.00	Kg	147.82	26607.60
105	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	20243.00	20243.00
106	Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	13164.00	13164.00
107	Providing and fixing 80mm dia Sluice Value with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	10815.00	10815.00
108	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	1738.92	Cum	198.70	345523.40
109	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	538.00	Kg	57.90	31150.20
110	Providing and fixing aluminium sheet covering over expansion joints with iron screws as per design Aluminum fluted strip 3.15 mm thick 200 mm wide	91.90	RM	644.55	59234.15
111	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	150.00	1800.00
112	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes	100.00	RM	1581.25	158125.00
113	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	0.50	qtl	7408.95	3704.48
114	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	10.50	Sqm	3238.20	34001.10
115	Providing and fixing ball bearing for rolling shutters.	2.00	No	483.10	966.20

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116	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	3859.00	Kg	91.03	35128
117	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	402.00	Kg	146.63	58945.26
118	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)				0.00
119	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	2200.00	Kg	102.13	224686.00
120	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	280.00	Sqm	806.85	225918.00
121	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.	2.26	Cum	138685.40	313429.00
122	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	133.77	Sqm	1046.98	140054.51
123	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	39.10	RM	760.49	29735.16
124	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	14.20	RM	688.77	9780.53
125	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	59.06	RM	693.90	40981.73
126	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.90	Cum	60102.80	54092.52
127	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	23.61	Sqm	1712.85	40440.39
128	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	119.32	Sqm	172.40	20570.77
129	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	119.32	Sqm	149.05	17784.65
130	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	144.75	Sqm	59.50	8612.63
131	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	144.75	Sqm	121.95	17652.26

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132	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	290.50	Sqm	52.75	15323.88
133	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	290.50	Sqm	125.60	36486.80
134	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	99.14	Sqm	59.35	5883.96
135	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	199.14	Sqm	91.80	18281.05
136	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm	12.00	No	292.80	3513.60
137	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	24.00	No	80.35	1928.40
138	100 x 10mm	84.00	No	57.35	4817.40
139	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	12.00	No	66.35	796.20
140	100mm	64.00	No	52.30	3347.20
141	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	10.20	Sqm	1249.30	12742.86
142	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	75.60	Sqm	1161.05	87775.38
143	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	36.00	RM	321.15	11561.40
144	2025 (25mm OD) pipe	36.00	RM	385.85	13890.60
145	Providing and fixing PPR Unions PPR Union 20mm	10.00	No	259.70	2597.00
146	PPR Union 25mm	10.00	No	309.20	3092.00

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147	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	20.00	RM	2760.40	55208
148	Supplying, Providing, assembling, Fabricating, covering and fixing in vertical position in Dug Well Mud Steel tubular Stening having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as per direction of Engineer-In Charge				0.00
149	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete				0.00
150	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	2.00	No	5534.85	11069.70
151	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	2.00	No	4575.20	9150.40
152	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	2.00	No	131.15	262.30
153	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	4.00	No	436.50	1746.00
154	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	6.00	No	2207.60	13245.60
155	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	6.00	No	657.30	3943.80
156	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	4.00	No	536.10	2144.40
157	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge	30.00	No	62.30	1869.00
158	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000.00	Ltr	11.25	11250.00


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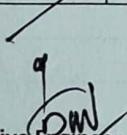
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159	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	4.00	No	1908.50	7634.00
160	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	6.00	No	1750.00	10500.00
161	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	35.00	RM	300.00	10500.00
162	75mm dia	25.00	RM	250.00	6250.00
163	Providing and fixing PVC Door Fittings complete.				0.00
164	100mm floor trap	2.00	No	500.00	1000.00
165	100mm door junction	2.00	No	350.00	700.00
166	100mm Collar	8.00	No	175.00	1400.00
167	10mm Gasket	20.00	No	200.00	4000.00
168	100mm bends	10.00	No	250.00	2500.00
169	80mm Door Junction	4.00	No	300.00	1200.00
170	80mm floor trap	4.00	No	250.00	1000.00
171	80mm bend	12.00	No	200.00	2400.00
172	80mm Collar	8.00	No	150.00	1200.00
173	Floor Grating	6.00	No	250.00	1500.00
174	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	16.00	points	1200.00	19200.00
175	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources inclding Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	9.00	points	2000.00	18000.00
176	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	2.00	No	2500.00	5000.00
177	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	11.00	No	500.00	5500.00
178	Supply and fixing of Hot Water Gyer 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	2.00	No	18000.00	36000.00
179	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.	1155.00	Cum	139.40	161007.00
180	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	115.50	Cum	492.75	56912.63

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181	53 mm to 22.4 mm	57.75	Cum	575.30	33223.
182	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)	34.65	Cum	504.40	17477.48
183	Supplying and stacking at site Good Earth	13.84	Cum	258.25	3574.18
184	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :	173.25	Cum	574.60	99549.45
185	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
186	Cement and Steel 20 Km's	155.19	MT	356.60	55340.75
187	Sand and 20mm crushed aggregate 30 km's	392.69	Cum	501.68	197004.72
188	Crushed Aggregate 40mm nominal Size 30 Kms	244.50	Cum	545.28	133320.96
189	Bricks 110 Km's	16660.00	No	3.45	57477.00
190	G.I Pipes below 100mm dia 20 Km's from Div. Store	34.20	MT	356.60	12195.72
191	G.I Pipes 100mm dia or above 20 Km's from Div. Store				0.00
192	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 400 mtrs including loading unloading and stacking complete.				0.00
193	Cement	63.31	MT	246.42	15600.85
194	Steel	8.16	MT	529.32	4319.25
195	Sand and 20mm Crushed agg	139.70	Cum	529.81	74014.46
196	40mm crushed aggregate	56.07	Cum	572.75	32114.09
	Total				10448830.77
	Add Contractors Tender Appreciation @ 2% on All items				208966.62
	G. Total				10657797.39


 Checked by
 Head Draftsman


 Executive Engineer
 PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSO DIVISION HANDBARA

M/S Prop S/o R/o
 : Kehmil Valley Constructions
 : Hilal Ahmad Sheikh
 : Farooq Ahmad Sheikh
 : Kunan Poshpora Kupwara
 Regd No : 17/AAY/CIVIL/SANITARY/CVPP/PDHEP/CE/I&L 2019-20
 GST No. : 01FCJPSI733J1ZK

No:- PHE/Hand/ 1084-86

Date:- 21/10/2022

Adv. Cost :- Rs 1.06 Cr

Allotted Cost:-Rs.10624672.35/-

Time of Completion 190 days

Sub : Laying and Fitting of PIPE network for WSS Tarthpora Regional under JMM.

Ref:- Your tender in response to this office E-NIT No.02 /PHE /Hand of 04/2022 S.No.20. issued under this Office No166-76 of 0-04-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/7967-82 dated. 21-09-2022

3. Accord No.CE/PHE/DB/JJM/247 OF 08/2022 Dated:- 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/649 of 09/2022 Dated:- 17-09-2022

5. Mission Directors 8th Meeting Notice No. CE/PHE/44620-41 Dated:- 12/03/2022.

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N	Description of Work / Item(s)	No.of Qty	Units	Alloted	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed. All kinds of soil	4414.130	Cum	436.00	1924560.68
2	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: 291 All kinds of soil .	5527.500	Cum	252.05	1393206.38
3	ordinary rock	1381.870	Cum	470.00	649478.90
4	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
5	100mm Dia	1304.000	RM	107.70	140440.80
6	80MM DIA	1784.000	RM	73.05	130321.20
7	65MM DIA	830.000	RM	73.05	60631.50
8	50MM DIA	5430.000	RM	40.80	221544.00
9	40MM DIA	6440.000	RM	40.80	262752.00
10	25MM DIA	8540.000	RM	30.65	261751.00
11	20MM DIA	23490.000	RM	20.25	475672.50
12	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
13	80 mm dia. pipe	75.000	Joint	1100.00	82500.00
14	100mm dia	55.000	Joint	1200.00	66000.00

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15	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	5103.090	Qty	245.55	1253063.75
16	Laying in position S&S or flanged C.I. special such as tees, bends, collars, tapers and caps etc. (excluding cost of specials)	102.060	Qty	465.05	47463.00
17	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket				
18	300mm DI	501.000	Joint	340.25	170465.25
19	250mm DI	501.000	Joint	259.92	130219.92
20	200mm DI	1309.000	Joint	213.00	278817.00
21	150mm dia	840.000	Joint	144.70	121548.00
22	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete				
23	25 to 40 mm nominal bore	100.000	No.	666.25	66625.00
24	50 to 80 mm nominal bore	100.000	No.	1268.75	126875.00
25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	10191.150	Cum	198.70	2024981.51
26	Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 30 Kms, including Loading, unloading, stacking etc.	131.120	MT	445.95	58472.96
27	Carriage of D. I. Pipes upto site of work by M.T. Avg. lead 30 Kms, including Loading, unloading, stacking etc				
28	300MM DIA	3000.000	100/mtr	45.41	136230.00
29	250MM DIA	3000.000	100/mtr	36.74	110220.00
30	200MM DIA	7850.000	100/mtr	25.85	202922.50
31	150MM DIA	500.000	100/mtr	15.89	7945.00
32	Carriage of D. I/GI Pipes upto site of work by				
33	300MM DIA	3000.000	100/mtr	24.12	72360.00
34	250MM DIA	3000.000	100/mtr	19.28	57840.00
35	200MM DIA	7850.000	100/mtr	10.97	86114.50
36	150MM DIA	500.000	100/mtr	7.30	3650.00
	Total				10624672.35

Checked by
Head Draftsman

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Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDBARA

R=1/2

: Mushtaq ahmad Lone
 : Ab shad Lone
 : Magam
 gd No : 561/BK/SE/PWD/CEE/2004-05
 ST No. : 01ADY0PL8040QIZV

in:- PHE/Hand/ 647-49

Date:- 17/05/2022

Adv. Cost :- Rs 85.34 Lacs
 Allotted Cost:-Rs. 8534899.00/-
 Time of Completion 150 days

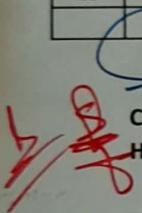
- Sub : Laying and fitting of Pipes for Water Supply Scheme Kulangam Chogal under JJM
 Ref:- Your tender in response to this office E-NIT No 33./PHE /Hand of 12/2022 S.No.25 issued under this
 Office No.2478-88 of 12.12.2022
 2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/14449-60 dated.20-03-2023
 3. Accord No. CE/PHE/DB/246 Of 08/2022 dtd 31.08.2022
 4. Technical Sanction Order No.CE/PHE/DB/236 OF 08/2022 DTD. 31.08.2022

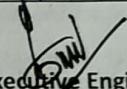
For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SL.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: 2.9.1 All kinds of soil :	5271.52	Cum	252.05	1328686.62
2	Ordinary rock :	585.68	Cum	470.00	275269.60
3	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	1317.78	Cum	436.00	574552.08
4	Ordinary rock :	146.82	Cum	841.60	123563.71
5	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	8212.41	Qtl	245.55	2016557.28
6	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket.				
7	200mm	2131.15	each	213.00	453934.95
8	150mm	1344.26	each	144.70	194514.42
9	125mm	540.98	each	117.20	63402.86
10	100mm	491.80	each	89.70	44114.46
11	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	6588.90	Cum	198.70	1309214.43
12	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
13	15 mm dia. nominal bore	6000	m	20.25	121500.00
14	20 mm dia. nominal bore	5000	m	20.25	101250.00



			<i>R=4L</i>		
25 mm dia. nominal bore	6000	m	30.65	183900.00	
40 mm dia. nominal bore	3500	m	40.80	142800.00	
50 mm dia. nominal bore	3000	m	40.80	122400.00	
65 mm dia. nominal bore	2200	m	73.05	160710.00	
80 mm dia. nominal bore	900	m	73.05	65745.00	
20 P/F of MS flanges to GI pipes, incl. c/o nuts, bolts and rubber insertion. The job incl. cutting of threads, laying of pipes and all sorts of carriages (Complete Job).					
21 100mm dia GI	26	Joint	1320.00	34320.00	
22 80mm dia GI	51	Joint	1210.00	61710.00	
23 Carriage of Pipes from Divisional Store Handwara up to dumping site on road by M T D.I pipes					
24 200mm	13000	M	16.64	216320.00	
25 150mm	8200	M	6.29	51578.00	
26 125mm	3300	M	5.04	16632.00	
27 100mm	3000	M	3.77	11310.00	
28 Carriage of Pipes from Divisional Store Handwara up to dumping site on road by M T GI pipes	71.14	MT	153.42	10914.30	
29 Provision 5% for pipe specials	1	JOB	500000.00	500000.00	
Total				8534899.00	


Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

**GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANWARA**

M/S : Mohd Usama Mir
 S/o : KH Ali Mohd Mir
 R/o : Gulshanpora Tral Pulwama
 Regd No : SE/HYD/AAY/SOPORE/140/2004-05
 GST No. : 0ADHPU5126H1ZP
 No: - PHE/Hand/54-57

Date:- 4 Aug 2023

Adv. Cost : - Rs 92.80 Lacs

Allotted Cost: - Rs. 9462866.00/-

Time of Completion 90 days

Sub : L/F of Pipes, Construction of 30000 Gallons capacity Service Reservoir and Sluice Chamber, Clear Water Sump, Operators Quarter, Chain Link Fencing, R/Wall, B/Wall, Anchor Blocks, and approach Road for Transit Accommodation for Kashmiri Migrants at Kulangam Bagh (UnderJJM)

Ref:- Your tender in response to this office E-NIT No 38 /PHE /Hand of 02/2023 S.No.1 issued under this Office No.....

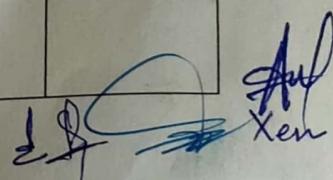
2. District Development Commissioner Kupwara's authorization No, DDCK/Plg/MoM/14446-48 dated.20-03-2023

3. Accord No.43/JJM/DSE/HH/DB/ Dtd 10.02.2023.

4. Technical Sanction Order No.CE/PHE/DB/877 OF 03/2023 Dtd. 02.03.2023.

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SLNo	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-				
2	All kinds of Soil	343.70	Cum	436.00	149853.20
3	Ordinary Rock	0.01	Cum	841.60	8.42
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed				
5	In all kinds of Soil	824.23	Cum	252.05	207747.17
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	923.16	Cum	188.75	174246.45
7	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil:	36.75	Cum	539.35	19821.11
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material				
9	Addl 1 lift in				
10	all kinds of Soil	259.34	Cum	81.65	21175.11
11	Addl 2 lift in				
12	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like	190.76	KL	155.50	29663.18
13	Providing and laying dry stone soling hand packed tightly including cost of 50-200mm nallah boulders	84.19	Cum	616.40	51894.72
14	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	42.81	Cum	4861.84	208135.37
15	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	175.99	Cum	6465.20	1137810.55
16	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	40.84	Cum	6978.68	285009.29
17	Providing and laying in position Reinforced cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 1.5 Course Sand : 3 graded crushed stone agg 20mm nominal size)	23.89	Cum	7800.76	186360.16
18	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	41.81	Cum	9408.14	393354.33



19	Reinforced cement concrete work in suspended floors, roofs having slope upto 15°, beams etc upto floor five level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	11.13	Cum	9849.35	109623.27
20	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level (level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size))	4.30	Cum	10404.52	44739.44
21	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	13625.95	Kg	87.18	1187910.32
22	Random Rubble Masonry in Foundation and Plinth laid Dry with Quarry Stones.	28.26	Cum	2497.50	70579.35
23	12 mm thick Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	55.14	Sqm	343.75	18954.38
24	12 mm thick Cement plaster 1:4 (1 cement : 4 coarse sand)	573.87	Sqm	260.05	149234.89
25	15 mm thick Cement plaster 1:6 (1 cement : 6 coarse sand) on rough side of single or half brick masonry.	21140	Sqm	300.45	63515.13
26	Centering and shuttering including strutting, propping etc. and removal of form for:				
27	Foundations	356.53	Sqm	262.30	93517.82
28	Walls	778.40	Sqm	573.85	446684.84
29	Beams	86.10	Sqm	502.85	43295.39
30	Suspended Floors	69.11	Sqm	635.60	43926.32
31	Domes upto 6 mtr Span	43.55	Sqm	2086.80	90880.14
32	Edges of slabs and breaks in floors upto 200mm thick	9.40	Sqm	242.30	2277.62
33	Extra for centring and shuttering in Circular				
34	Foundations	14.80	Sqm	52.46	776.41
35	Walls	273.74	Sqm	114.77	31417.14
36	Beams	55.06	Sqm	100.57	5537.38
37	Extra for Domes exceeding 6 mtr in span	43.55	Sqm	1008.45	43918.00
38	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work complete excluding cost of pipes and earth work.				
39	100mm Dia G.I Pipe	400.00	Mtr	73.05	29220.00
40	80mm Dia G.I Pipe	550.00	Mtr	73.05	40177.50
41	65mm Dia G.I Pipe	300.00	Mtr	73.05	21915.00
42	50mm Dia G.I Pipe	500.00	Mtr	40.80	20400.00
43	40mm Dia G.I Pipe	800.00	Mtr	40.80	32640.00
44	25mm Dia G.I Pipe	500.00	Mtr	30.65	15325.00
45	20mm Dia G.I Pipe	700.00	Mtr	20.25	14175.00
46	15mm Dia G.I Pipe	1000.00	Mtr	20.25	20250.00
47	Providing and fixing GI Union in GI Pipe Including cutting and threading the pipe and making long screws complete.(New Work)				
48	15mm nominal bore G.I. Unions	200.00	No	250.00	50000.00
49	20 mm nominal bore G.I Unions	100.00	No	315.70	31570.00
50	25 mm nominal bore G.I Unions	30.00	No	355.85	10675.50
51	40 mm nominal bore G.I Unions	20.00	No	492.30	9846.00
52	50 mm nominal bore G.I Unions	10.00	No	648.10	6481.00
53	65 mm nominal bore G.I Unions	10.00	No	886.25	8862.50
54	80 mm nominal bore G.I Unions	5.00	No	985.25	4926.25
55	Providing and fixing gun metal Gate Valve with CI wheel of approved quality.				
56	20 mm nominal bore	10.00	No	463.65	4636.50
57	25 mm nominal bore	5.00	No	543.85	2719.25
58	40 mm nominal bore	5.00	No	704.70	3523.50
59	50 mm nominal bore	3.00	No	942.75	2828.25
60	65 mm nominal bore	2.00	No	1568.85	3137.70
61	80 mm nominal bore	3.00	No	2406.65	7219.95
62	Providing and laying incld fitting in position GI Pipes with Flanged Joints including Cost of 12mm thick MS Flanges, nuts, bolts, rubber insertion and welding and all carriages etc complete.				
63	100mm Dia G.I. Pipe	20.00	Joints	1400.00	28000.00
64	80mm Dia G.I. Pipe	20.00	Joints	1300.00	26000.00
65	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	894.49	Cum	198.70	177735.16
66	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	551.00	Kg	57.90	31902.90
67	Providing PGI Sheet for Construction Joints 0.63 mm thick including all carriages and Head Loads complete.	33.02	Sqm	750.00	24765.00
68	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. (For Ladder and Lids)	160.00	Kg	146.63	23460.80

69	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in Cement mortar 1:6 (1 cement : 6 coarse sand)	29.43	Cum	6802.13	200186.69
70	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	29.43	Cum	1456.02	42850.67
71	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Welded	1896.00	Kg	102.14	193657.44
72	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete	6888.21	Kg	91.03	627033.76
73	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface)excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.50 mm thick with zinc coating not less than 275 gram/m	133.05	Sqm	830.25	110464.76
74	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L. hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete 0.50 mm thick with zinc coating not less than 275 gram/m	122.00	RM	626.70	76457.40
75	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	80.00	RM	693.90	55512.00
76	Providing and fixing Soffit Boarding of 0.50mm thick Coloured GI Sheets including cost of Holders, Angle supports etc all complete.	10.36	Sqm	900.00	9324.00
77	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws Budloo/fir wood	80.00	Sqm	1271.75	101740.00
78	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters 80x0.90 mm M.S. laths with 0.90 mm thick top cover	10.04	Sqm	2636.15	26466.95
79	Providing and fixing ball bearing for rolling shutters	4.00	No	483.10	1932.40
80	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately).Second class kail wood.	1.84	Cum	92065.35	169400.24
81	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second class kail wood .35mm thick.	6.48	Sqm	2745.95	17793.76
82	Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Pre-laminated particle board with decorative lamination on both sides, Grade I, Type II IS : 14587	3.88	Sqm	1827.40	7090.31
83	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. 2nd class Kail Wood 35mm thick.	12.65	Sqm	3338.05	42226.33
84	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge : Second.class Kail wood. 30mm thick.	2.76	Sqm	2966.35	8187.13
85	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	200.00	KG	179.90	35980.00
86	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 100 mm Size	48.00	No	52.30	2510.40
87	125 mm Size	8.00	No	66.35	530.80
88	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete 100x10 mm Size.	96.00	No	57.35	5505.60
89	150x10 mm Size	8.00	No	80.35	642.80
90	Providing and fixing aluminum having floor door stopper, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : Single rubber stopper	4.00	No	54.60	218.40
91	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete.	4.00	No	1839.60	7358.40

92	Cement concrete flooring 12.4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20 mm nominal size stone aggregate.	43.66	Sqm	508.04	22161.03
93	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1.3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	13.83	Sqm	1161.05	16057.32
94	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. 11.50.1 In colour such as White, Ivory, Grey, Fume Red Brown	2.25	Sqm	1052.75	2368.69
95	Applying priming coat With ready mixed pink or grey primer of approved brand and manufacture on wood work (Hard and soft wood)	11.00	Sqm	59.50	654.50
96	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works.	9.55	Sqm	52.75	503.76
97	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade	11.00	Sqm	121.95	1341.45
98	Painting with aluminum paint of approved brand and manufacture to give an even shade. Two or more coats on new work	9.55	Sqm	119.40	1140.27
99	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	86.78	Sqm	91.80	7966.40
100	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives. 13.94.1 New work (Two or more coats applied @ 1.43 litre/10 sqm. Over & including priming coat of exterior primer applied @ 0.90 litre/10 sqm.	166.39	Sqm	149.40	24858.67
101	Painting wood work with deluxe multi surface paint of required shade. Two or more coats applied @ 0.90 litre/10sqm over an under coat of primer applied @ 0.75 litre/10sqm of approved brand and manufacture	100.00	Sqm	125.50	12550.00
102	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete	318.50	Sqm	188.80	60132.80
103	Providing and fixing Sluice Valve with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				
104	100mm dia	4.00	No	13164.00	52656.00
105	80mm dia	4.00	No	10815.00	43260.00
106	Supply of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores)				
107	15mm dia GI elbows	200.00	No	39.00	7800.00
108	20 mm dia G.I elbows	50.00	No	39.00	1950.00
109	25 mm dia G.I elbows	20.00	No	54.00	1080.00
110	40 mm dia G.I elbows	20.00	No	115.00	2300.00
111	50 mm dia G.I elbows	10.00	No	206.00	2060.00
112	65 mm dia G.I elbows	5.00	No	322.00	1610.00
113	80 mm dia G.I elbows	5.00	No	432.00	2160.00
114	20 mm to 15 mm G.I sockets (reducing)	200.00	No	24.00	4800.00
115	25 mm to any smaller size G.I sockets (reducing)	50.00	No	30.00	1500.00
116	40 mm to any smaller size G.I sockets (reducing)	30.00	No	55.00	1650.00
117	50 mm to any smaller size G.I sockets (reducing)	10.00	No	91.00	910.00
118	65 mm to any smaller size G.I sockets (reducing)	4.00	No	125.00	500.00
119	20 mm G.I Tee (equal/reducing)	200.00	No	54.00	10800.00
120	25 mm G.I Tee (equal/reducing)	30.00	No	72.00	2160.00
121	40 mm G.I Tee (equal/reducing)	10.00	No	145.00	1450.00
122	50 mm G.I Tee (equal/reducing)	10.00	No	230.00	2300.00
123	65 mm G.I Tee (equal/reducing)	4.00	No	408.00	1632.00
124	80 mm G.I. Tee (equal/reducing)	2.00	No	572.00	1144.00
125	15 mm G.I Nipple of Length 3", 4" and 6"	200.00	No	35.00	7000.00
126	20 mm G.I Nipple of Length 3", 4" and 6"	50.00	No	46.00	2300.00
127	25 mm G.I Nipple of Length 3", 4" and 6"	30.00	No	69.00	2070.00
128	40 mm G.I Nipple of Length 3", 4" and 6"	20.00	No	104.00	2080.00
129	50 mm G.I Nipple of Length 3", 4" and 6"	10.00	No	144.00	1440.00
130	65 mm G.I Nipple of Length 3", 4" and 6"	5.00	No	316.00	1580.00
131	Providing and fixing GI Union in GI Pipe				
132	15 mm nominal bore G.I Unions	200.00	No	58.00	11600.00
133	20 mm nominal bore G.I Unions	50.00	No	100.00	5000.00
134	25 mm nominal bore G.I Unions	50.00	No	130.00	6500.00
135	40 mm nominal bore G.I Unions	20.00	No	232.00	4640.00
136	50 mm nominal bore G.I Unions	10.00	No	299.00	2990.00
137	65 mm nominal bore G.I Unions	10.00	No	477.00	4770.00
138	80 mm nominal bore G.I Unions	5.00	No	551.00	2755.00
139	100 mm nominal bore G.I Unions	4.00	No	850.00	3400.00

140	Providing and fixing gun metal gate valve with C.I wheel of approved quality.	5.00	No	463.65
141	20 mm nominal bore	5.00	No	543.85
142	25 mm nominal bore	3.00	No	704.70
143	40 mm nominal bore	2.00	No	942.75
144	50 mm nominal bore	2.00	No	1568.85
145	65 mm nominal bore	3.00	No	2406.65
146	80 mm nominal bore	3.00	Mtr	431.10
147	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.: Concealed pipe including painting with anti corrosive bituminous paint, cutting chases and making good the wall: 15 mm dia. nominal bore	18.00		7759.80
148	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) 15 mm dia. nominal bore	18.00	Mtr	163.55
149	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20
150	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15
151	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00	No	436.50
152	Providing and fixing 15 mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS : 8931	4.00	No	624.30
153	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	1.00	No	657.30
154	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	3.00	No	536.10
155	Providing and installation of Sign board made with 1 mm thick PGI Sheet including angle iron frame and legs of required size/ length including painting, writing and installation all carriages complete job.	5.00	Sqm	3000.00
156	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge	10.00	No	62.30
157	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25
158	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (Cement : 4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5			
159	Providing and fixing C.I manhole Cover 0.30 x 0.30m size			
160	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth work and refilling. 100mm dia	9.00	RM	300.00
161	75mm dia	6.00	RM	275.00
162	Providing and fixing PVC Door Fittings complete.			
163	100mm floor trap	2.00	No	500.00
164	100mm door junction	3.00	No	350.00
165	100mm Collar	3.00	No	175.00
166	100mm bends	4.00	No	250.00
167	80mm Door Junction	4.00	No	300.00
168	80mm floor trap	2.00	No	250.00
169	80mm bend	5.00	No	200.00
170	80mm Collar	5.00	No	150.00
171	Floor Grating	2.00	No	250.00
172	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including Testing / Commissioning for all points upto 6 Amp) including PVC Conduit pipe, Switches, indicators MCB, PVC Conduit Pipe etc etc complete	8.00	No	1200.00
173	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including PVC Conduit Pipe, Switches, indicators, MCB's etc complete	5.00	No	2000.00
174	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	1.00	No	2500.00
175	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	8.00	No	500.00
176	Supply and fixing of Hot Water Geyser 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	1.00	No	18000.00
177	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	36.75	Cum	472.75
178	63 mm to 45mm	55.13	Cum	564.60

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T79	Supplying and stacking at site Stone screening / Chippings of size 13.2 mm nominal size (Type A)	21.50	Cum	504.40	10844.44
180	Supplying and stacking at site mooram excluding carriages	8.83	Cum	528.50	4666.66
181	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :	91.88	Cum	574.60	52794.25
182	Providing and applying tack coat using hot straight run bitumen of grade - VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications.	367.50	Sqm	55.45	20377.88
183	Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy For 50 mm compacted thickness using coarse aggregate of size 50-20mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG-10 @ 50 kg/10sqm	350.00	Sqm	381.80	133630.00
184	Providing & laying bitumen mastic wearing course (as per specifications) with industrial bitumen of grade 85/25 conforming to IS : 702, prepared by using mastic cooker & laid to required level and slope, including providing antiskid surface with bitumen pre-coated fine grained hard stone chipping of approved size at the rate of 0.005 cum per 10 sqm& at approximate spacing of 10 cm centre to centre in both directions, pressed into surface protruding 1 mm to 4 mm over mastic surface, including cleaning the surface, removal of debris etc. all complete. (considering bitumen using 10.2% as per MORTH specification) 25mm thick	367.55	Sqm	618.80	227439.94
185	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG-10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface including rolling and finishing with road all complete	367.55	Sqm	78.15	28724.03
186	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	318.50	Sqm	733.50	233619.75
187	Carriage of materials from source to road site of work by Mechanical Transport including Loading unloading and stacking complete.				
188	Cement and Steel 3 Km's	395.26	MT	153.42	60640.79
189	Sand and 20mm crushed aggregate 15 km's	438.76	Cum	341.57	149867.25
190	Crushed Aggregate 40mm nominal Size 15 km's	38.52	Cum	371.29	14302.09
191	Stones/ Soling Stones 15 Km's	84.19	Cum	401.83	33830.07
192	100 Dia G.I Pipes from Div Store 5 Km's from Divisional Store	400.00	Mtr	2.75	1100.00
193	G.I Pipes below 100mm dia 5 Km's from Div Store	13.55	MT	183.36	2484.53
194	Bricks T10 Km's	9343.00	No	3.45	32233.35
195	Stone aggregate (63-45)mm from avg lead 12 Km's	91.88	Cum	358.98	32983.08
196	Screening avg lead 12 Km's	21.50	Cum	305.14	6560.51
197	Mooram from Avarage lead avg lead 12 Km's	8.83	Cum	305.14	2694.39
198	Carriage of materials from road site upto actual site of work by manual means (Head Load) including Loading unloading and stacking complete Cement				
199	100 Dia G.I Pipe 300 Mtrs (avg)	400.00	Mtr	5.31	2124.00
200	G.I Pipes below 100mm 300 Mtrs avg	13.55	MT	265.72	3600.51
Total					9280049.48
Add Contractors Tender Appreciation @ 1.97% on All items					182816.9748
G. Total					9462866.00

Checked by
Head Draftsman

Executive Engineer

PHE Jal Shakti Division Handwara

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GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Zubair Ahmad Khan
S/o : Mohd Sultan Khan
R/o : Kargama
Regd No : SE/DC/CEE/CIVIL/Sintary of 2011-12
GST No : 01CGPPK8344A1ZN

No: - PHE/Hand/ **561-64** Date:- **10.5.2023**

Adv. Cost : - Rs 51.86 Lacs
Allotted Cost: Rs. 5298634.68/-

Time of Completion **180 days**

Sub : Construction including successful Testing and Commissioning of Laying and Fitting, Sedimentation Tank, 0.18 Lac Gallons Clear Water Service Reservoir, Sluice / Washout Chamber, Barbed wire fencing and Anchor/ Saddle Blocks at Spots for WSS Tantray Gund under JJM.

Ref:- Your tender in response to this office E-NIT No 49 /PHE /Hand of 2023 S.No.02 issued under this

Office No. **PHE/Hand/3B35-45 At 81-03 2023**

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023

3. Accord No. Accord No 22/DSE/HII/DIB/ OF 2022-23 DTD. 21.09.2022

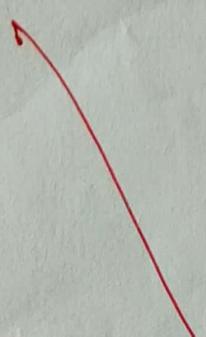
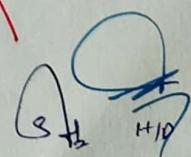
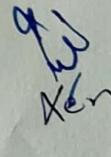
4. Technical Sanction Order No. CE/PHE/44642-63 OF 13.03.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SL.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	1251.60 ✓	Cum	436.00 ✓	545697.60
2	Ordinary Rock	100.00 ✓	Cum	841.60 ✓	84160.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	0.01 ✓	Cum	539.35 ✓	5.39
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	555.67 ✓	Cum	252.05 ✓	140056.62
5	Oridanary Rock	0.01 ✓	Cum	470.00 ✓	4.70
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	358.75 ✓	Cum	188.75 ✓	67714.06
7	Oridanary Rock	0.01 ✓	Cum	378.35 ✓	3.78
8	Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m in all kinds of soil:	0.01 ✓	Cum	674.35 ✓	6.74
9	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	100.00 ✓	Cum	81.65 ✓	8165.00
10	Oridanary Rock ✓	0.01 ✓	Cum	146.45 ✓	1.46
11	Addll 2 lift All kinds of Soil	0.01 ✓	Cum	163.30 ✓	1.63
12	Oridanary Rock	0.01 ✓	Cum	292.90 ✓	2.93
13	Addll 3 lift All kinds of Soil	0.01 ✓	Cum	244.95 ✓	2.45
14	Oridanary Rock	0.01 ✓	Cum	292.90 ✓	2.93

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	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	33.50	Cum	1320.00	44220.00
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	21.30	Cum	4861.84	103557.19
17	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	40.00	Cum	5399.02	215960.80
18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	2.27	Cum	6465.20	14676.00
19	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 1.5 Course Sand : 3 graded crushed stone agg 20mm nominal size)	2.56	Cum	7287.28	18655.44
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	1.98	Cum	6978.68	13817.79
21	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	33.09	Cum	7800.76	258127.15
22	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1.5:3 mix.	42.60	Cum	9408.14	400786.76
23	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.50	Cum	9849.35	44322.08
24	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.10	Cum	10404.52	42658.53

	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	9670.00 ✓	Kg	87.18 ✓	843030.60
26	Centering and shuttering including strutting, propping etc. and removal of form for Foundations	51.36 ✓	Sqm	262.30 ✓	13471.73
27	Walls	423.05 ✓	Sqm	573.85 ✓	242767.24
28	Beams	16.22 ✓	Sqm	502.85 ✓	8156.23
29	Suspended Floors	0.01 ✓	Sqm	635.60 ✓	6.36
30	Columns	212.60 ✓	Sqm	680.15 ✓	144599.89
31	Domes upto 6 Mtr Span	32.80 ✓	Sqm	2086.80 ✓	68447.04
32	Edges of slabs and breaks in floors upto 200mm thick.	0.01 ✓	RM	242.30 ✓	2.42
33	Extra for Centering and shuttering in Circular Foundations	6.97 ✓	Sqm	52.46 ✓	365.65
34	Walls	124.70 ✓	Sqm	114.77 ✓	14311.82
35	Beams (Ring Beam of SR)	13.92 ✓	Sqm	100.57 ✓	1399.93
36	Extra for Centring and shuttering in Domes exceeding 6 Mtrs in Span.	32.80 ✓	Sqm	1008.45 ✓	33077.16
37	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	214.50 ✓	Sqm	343.75 ✓	73734.38
38	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	22.35 ✓	Sqm	260.05 ✓	5812.12
39	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work complete excluding cost of pipes and earth work.				0.00
40	100 mm Dia G.I. Pipes	1750.00 ✓	Mtr	107.70 ✓	188475.00
41	80 mm Dia G.I. Pipes	1500.00 ✓	Mtr	73.05 ✓	109575.00
42	65mm Dia G.I. Pipes	750.00 ✓	Mtr	73.05 ✓	54787.50
43	50mm Dia G.I. Pipes	1000.00 ✓	Mtr	40.80 ✓	40800.00
44	40mm Dia G.I. Pipes	900.00 ✓	Mtr	40.80 ✓	36720.00
45	25mm Dia G.I. Pipe	1300.00 ✓	Mtr	30.65 ✓	39845.00
46	20mm Dia G.I. Pipe	1800.00 ✓	Mtr	20.25 ✓	36450.00
47	15mm Dia G.I. Pipes	2000.00 ✓	Mtr	20.25 ✓	40500.00
48	Providing and fixing GI Union in GI Pipe				0.00
49	15 mm nominal bore G.I Unions	100.00 ✓	No	58.00 ✓	5800.00
50	20 mm nominal bore G.I Unions	80.00 ✓	No	100.00 ✓	8000.00
51	25 mm nominal bore G.I Unions	50.00 ✓	No	130.00 ✓	6500.00
52	40 mm nominal bore G.I Unions	20.00 ✓	No	232.00 ✓	4640.00
53	50 mm nominal bore G.I Unions	25.00 ✓	No	299.00 ✓	7475.00
54	65 mm nominal bore G.I Unions	15.00 ✓	No	477.00 ✓	7155.00
55	80 mm nominal bore G.I Unions	15.00 ✓	No	551.00 ✓	8265.00
56	100 mm nominal bore G.I Unions	15.00 ✓	No	800.00 ✓	12000.00
57	Providing and fixing gun metal gate valve with CI wheel of approved quality.				0.00
58	20 mm nominal bore	10.00 ✓	No	463.65 ✓	4636.50
59	25 mm nominal bore	10.00 ✓	No	543.85 ✓	5438.50
60	40 mm nominal bore	6.00 ✓	No	704.70 ✓	4228.20
61	50 mm nominal bore	6.00 ✓	No	942.75 ✓	5656.50

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	65 mm nominal bore	5.00 ✓	No	1568.85	7844.25
	80 mm nominal bore	5.00 ✓	No	2406.65	12033.25
64	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
65	20 mm dia G.I elbows	100.00 ✓	No	39.00	3900.00
66	25 mm dia G.I elbows	60.00 ✓	No	54.00	3240.00
67	40 mm dia G.I elbows	40.00 ✓	No	115.00	4600.00
68	50 mm dia G.I elbows	30.00 ✓	No	206.00	6180.00
69	65 mm dia G.I elbows	20.00 ✓	No	322.00	6440.00
70	80 mm dia G.I elbows	15.00 ✓	No	432.00	6480.00
71	20 mm to 15 mm G.I. sockets (reducing)	100.00 ✓	No	24.00	2400.00
72	25 mm to any smaller size G.I. sockets (reducing)	25.00 ✓	No	30.00	750.00
73	40 mm to any smaller size G.I. sockets (reducing)	20.00 ✓	No	55.00	1100.00
74	50 mm to any smaller size G.I. sockets (reducing)	10.00 ✓	No	91.00	910.00
75	80-65 Reducing Socket	5.00 ✓	No	150.00	750.00
76	15 mm G.I. Tee (equal)	100.00 ✓	No	32.00	3200.00
77	20 mm G.I. Tee (equal/reducing)	60.00 ✓	No	54.00	3240.00
78	25 mm G.I. Tee (equal/reducing)	40.00 ✓	No	72.00	2880.00
79	40 mm G.I. Tee (equal/reducing)	30.00 ✓	No	145.00	4350.00
80	50 mm G.I. Tee (equal/reducing)	25.00 ✓	No	230.00	5750.00
81	65 mm G.I. Tee (equal/reducing)	10.00 ✓	No	300.00	3000.00
82	80 mm G.I. Tee (equal/reducing)	5.00 ✓	No	572.00	2860.00
83	15 mm G.I Nipple of length 3", 4" and 6"	100.00 ✓	No	35.00	3500.00
84	20 mm G.I Nipple of length 3", 4" and 6"	60.00 ✓	No	46.00	2760.00
85	25 mm G.I Nipple of length 3", 4" and 6"	50.00 ✓	No	69.00	3450.00
86	40 mm G.I Nipple of length 3", 4" and 6"	40.00 ✓	No	104.00	4160.00
87	50 mm G.I Nipple of length 3", 4" and 6"	30.00 ✓	No	144.00	4320.00
88	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	50.00 ✓	No	666.25	33312.50
89	50 to 80 mm nominal bore	10.00 ✓	No	1268.75	12687.50
90	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 100mm dia (only for vulnerable spots only if required)	16.00 ✓	Joints	1520.00	24320.00
91	80mm dia (only for vulnerable spots only if required)	16.00 ✓	Joints	1100.00	17600.00
92	Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	6.00 ✓	No	13164.00	78984.00
93	Providing and fixing 80mm dia Sluice Value with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00 ✓	No	10815.00	21630.00
94	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	1889.82 ✓	Cum	198.70	375507.23

STB HP xem

P = 5/5

Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	606.00 ✓	Kg	57.90	35087.40
96 Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	35.31 ✓	Sqm	800.00	28248.00
97 Providing and fixing PVC pipe bends 80mm dia for air vents.	10.00 ✓	No	150.00	1500.00
98 Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & ladders)	242.90 ✓	Kg	146.63	35616.43
99 In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	126.00 ✓	Kg	114.68	14449.68
100 Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	6.70 ✓	Sqm	4788.25	32081.28
101 Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	504.00 ✓	Kg	97.35	49064.40
102 Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire	1720.00 ✓	RM	19.10	32852.00
103 Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
104 Cement and Steel 20 Km's	66.32 ✓	MT	357.64	23718.68
105 Sand and 20mm crushed aggregate 10 km's	170.00 ✓	Cum	280.85	47744.50
106 Crushed Agg. 40mm and above nominal Size 10 Kms	18.78 ✓	Cum	305.28	5733.16
107 Bricks from Budgam 120 Km's	0.01 ✓	No	3.71	0.04
108 Quarry Stones avg 20 Km's	0.01 ✓	Cum	473.25	4.73
109 G.I. Pipes 100mm Dia 20 Km's	1850.00 ✓	RM	8.79	16261.50
110 G.I. Pipes below 100mm Dia 20 Km's	29.00 ✓	MT	357.64	10371.56
111 Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 200 mtrs including loading unloading and stacking complete.				0.00
112 Cement	56.48 ✓	MT	175.08	9888.52
113 Steel	9.83 ✓	MT	376.05	3696.57
114 Sand and 20mm Crushed agg	169.64 ✓	Cum	347.00	58865.08
115 40mm crushed aggregate	19.14 ✓	Cum	375.13	7179.99
116 Bricks	0.01 ✓	No	0.40	0.00
117 Stones/ Boulders	0.01 ✓	Cum	246.94	2.47
118 G.I. Pipes 100mm Dia 600 Mtrs	1850.00 ✓	RM	10.83	20035.50
119 G.I. Pipes below 100mm Dia 600 Mtrs	29.00 ✓	MT	400.68	11619.72
Total				5186896.75
Add Contractors Tender Appreciation @ 2% on All items				102823.25
G. Total				5289720.00

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

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**GOVT. OF JAMMU & KASHMIR
FICE OF EXECUTIVE ENGINEER JS Division Handwara**

: Reyaz Ahmad Malik
 : Gh Mohammad malik
 : Saddergund
 : 900/BK/SE/PWD/CEE/2006-07
 GST No. : 01BCKPM4749R1ZZ

No: - PHE/Hand/ 981-83

Date: 20, 6, 2023



Adv. Cost : - Rs 7.72 Lacs

Allotted Cost:-Rs.675068.00/-

Time of Completion 30 days

**Sub : Providing and Installation of 8 No. boardings and 8 No. wall paintings of different sizes at various spots/Locations under Jurisdiction of PHE
Division Handwara**

Ref:- Your tender in response to this office E-NIT No .05 /PHE /Hand of 05/2023 S.No.01. issued under this Office No.423-33 OF 01.05.2023

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/852-67 dated. 16-05-2023.

3. Accord No.....

4. Technical Sanction Order No.....

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	4.80	Cum	479.30	2300.64
2	Providing and Laying of stone soling hand packed in trenches (Nallah)	0.96	Cum	700.00	672.00
3	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	0.96	Cum	5202.90	4994.78
4	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	26.08	Cum	6591.25	171899.80
5	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	19.84	Sqm	286.35	5681.18
6	Structural steel work in built up sections, trusses and framed work, inclnding cutting hoisting fixing in position and applying a priming coat of approved steel primer all complete. Incl. providing and fixing of 24 guage thick M.S Sheet	2954.16	Kg	138.20	408264.91
7	Providing printing and fixing of colored banners with frame colour wrting photographs and drawings etc	148.64	Sqm	539.40	80176.42
8	Wall Painting incl. wrting drawings etc with acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grms/liter, of approved brand and manfacture, including applying additional coats wherever required to achieve even shade and colour approved by Engineer incharge	1200.00	sft	82.00	98400.00
Total					772389.74
Depreciation on all items @ (-12.60%)					97321.00
Grand Total					675068.00

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF UT JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA



M/S : Ab Majeed Reshi
 S/o : Ghulam Ahmad Reshi
 R/o : Manzhar Hayama
 Regd No : 789/AAY/CE/KCC/PDC/2007-08
 GST No. : 01A0FPR1918B1ZJ

No:- PHE/Hand/ 932-35 Date:- 19, 6, 2023

Adv. Cost :- Rs 60.15 Lacs
 Allotted Cost:-Rs.6255949.92/-
 Time of Completion 180 days

Sub : Construction incl. sucessful testing and commissioning of PST, RCC jacketing of SR, Chain Link fencing and collection chamber for WSS Check Sarmarg under JJM .

Ref:- Your tender in response to this office E-NIT No.04 /PHE /Hand of S.No.11 issued under this Office No.281-91 of 24-04-2023.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/1125-35 dated. 30-05-2023

3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dtd. 31-08-2022.

4. Technical Sanction Order No.CE/PHE/DB/233 of 08/2022 Dtd. 31-08-2022.

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

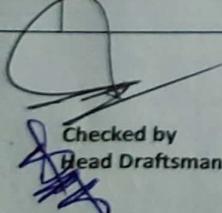
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	11.02	Cum	436.00	4804.72
2	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil :	64.80	Cum	539.35	34949.88
3	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	172.00	Cum	188.75	32465.00
4	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all carriages by MT and H/Load with all leads and lifts complete.	37.88	Cum	1320.00	50001.60

✓ HD ✓
 ✓ HD ✓
 ✓ HD ✓
 ✓ HD ✓

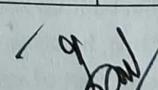
5	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	25.92	Cum	4861.84	126018.84
6	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	54.00	Cum	5399.02	291547.08
7	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	18.03	Cum	6465.20	116567.56
8	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	37.45	Cum	7801.00	292147.45
9	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1.5:3 mix.	64.58	Cum	9408.14	607577.68
10	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15° , beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1: $\frac{1}{2}$:3 (1 cement : 1 $\frac{1}{2}$ coarse sand : 3 graded stone aggregate 20 mm nominal size)	2.78	Cum	9849.35	27381.19
11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	12246.00	Kg	87.18	1067606.28
12	Providing and incorporating P.G.I sheet strips during laying of concrete walls 0.80mm thick.	53.11	Sqm	800.00	42488.00

13	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	779.00	Kg	57.90	45104.10
14	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer	59.00	RM	190.19	11221.21
15	Centering and shuttering including strutting, propping etc. and removal of form for Foundations	117.33	Sqm	262.30	30775.66
16	Walls	811.20	Sqm	573.85	465507.12
17	Extra for Centering Shuttering in Circular Walls	200.75	Sqm	114.77	23040.08
18	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	249.91	Sqm	343.75	85906.56
19	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand) finished with a floating coat of neat cement	285.90	Sqm	260.05	74348.30
20	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	3038.00	Kg	114.67	348367.46
21	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	4185.00	Kg	105.76	442605.60
22	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	8520.00	Kg	146.63	1249287.60

23	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	320.58	Sqm	806.85	258659 ✓
24	Providing and fixing of sign board over entrance gates incl. painting/writing , cost of fixing at SR site site complete job	5.00	Sqm	3000.00	15000.00 ✓
25	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	224.41	Sqm	121.95	27366.80 ✓
26	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
27	Cement and Steel 20 Km's	74.87	MT	357.64	26776.51 ✓
28	Sand and 20mm Crushed agg avg 20kms	266.80	Cum	402.29	107330.97 ✓
29	Crushed Aggregate 40mm nominal Size 20 Kms	22.06	Cum	437.30	9646.84 ✓
30	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 200 mtrs including loading unloading and stacking complete.				0.00
31	Cement	19.74	MT	175.08	3456.08 ✓
32	Steel	0.76	MT	376.05	285.80 ✓
Total					6015336.46 ✓
Add Contractors Tender Appreciation @ 4% on All items					240613.46 ✓
G. Total					6255949.92 ✓



 Checked by
 Head Draftsman



 Executive Engineer
 PHE Jal Shakti Division Handwara

✓ Od.Td

GOVT. OF UT JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Bilal Ahmad Peerzada
 S/o : Kh Manzoor Ahmad Peerzada
 R/o : Drugmulla Kupwara
 Regd No : CE/I&FC/Sgr/03(Three)AAJY/(Civil & Sanitary)/2022-23
 GST No. : 01BHAPP1643N1ZH



No: - PHE/Hand/ 937-40 Date: - 19/6/2023

Adv. Cost : - Rs 134.00 Lacs

Allotted Cost:-Rs.13826557.95/-

Time of Completion 180 days

Sub : Const. of 0.75 Lac Gallons Capacity RSS GSR, 4 No Sluice Value Chambers, Intake Sump cum Pump House, Chowkidar Quarter, R/Wall, B/Wall approach Road and Providing Chain Link Fencing for WSS Watayan under JJM

Ref:- Your tender in response to this office E-NIT No.04 /PHE /Hand of S.No. 4 issued under this Office No.281-91 of 24-04-2023.

2. District Development Commissioner Kupwara's authorization No. DDCK/Pig/MoM/1125-35 dated. 30-05-2023
3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dtd. 31-08-2022.
4. Technical Sanction Order No.CE/PHE/DB/251 of 08/2022 Dtd. 31-08-2022.

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed inAll kinds of Soil				
2	All kinds of Soil	189.12	Cum	436.00	82456.32
3	Ordinary Rock	0.01	Cum	841.60	8.42
4	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of Soil	147.00	Cum	539.35	79284.45
5	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: All kinds of Soil	345.58	Cum	252.05	87103.44
6	Ordinary Rock	344.86	Cum	470.00	162084.20

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7	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil In all kinds of Soil	1233.83	Cum	188.75	23263.00
8	Ordinary Rock	0.01	Cum	378.35	3.78
9	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material : Addl 1 lift All kinds of Soil	706.46	Cum	81.65	57682.46
10	Ordinary Rock	0.01	Cum	146.45	1.46
11	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	120.18	Cum	1320.00	158637.60
12	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	57.37	Cum	4861.84	278923.76
13	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	0.01	Cum	5399.02	53.99
14	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	192.00	Cum	6465.20	1241318.40
15	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	26.28	Cum	6978.68	183399.71
16	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	70.19	Cum	7801.00	547552.19

17	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement. 1:1.5:3 mix.	112.05	Cum	9408.14	1054182.09
18	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15° , beams etc upto floor five level level including curing but excluding the cost of centering, shuttering, finishing and reinforcement with: 1:1 $\frac{1}{2}$:3 (1 cement : $1\frac{1}{2}$ coarse sand : 3 graded stone aggregate 20 mm nominal size)	14.94	Cum	9849.35	147149.29
19	Reinforced cement concrete work in arches, arch ribs, domes , vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering, finishing and reinforcement with: 1:1 $\frac{1}{2}$:3 (1 cement : $1\frac{1}{2}$ coarse sand : 3 graded stone aggregate 20 mm nominal size)	10.47	Cum	10404.50	108935.12
20	Extra for R.C.C./B.M.C./R.M.C. work above floor V level for each four floors or part thereof.	85.15	Cum	309.05	26315.61
21	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	32.44	Cum	6802.13	220661.10
22	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	17.66	Cum	1456.02	25713.31
23	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	29054.00	Kg	87.18	2532927.72
24	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	18.67	Sqm	2497.50	46628.33
25	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	360.40	Sqm	262.30	94532.92
26	Walls	1271.00	Sqm	573.85	729363.35
27	Beams	47.50	Sqm	502.85	23885.38
28	Suspended Floors	126.48	Sqm	635.60	80390.69
29	Columns	0.01	Sqm	680.15	6.80
30	Domes exceeding 6 Mtr Span	217.04	Sqm	3095.25	671793.06
31	Edges of slabs and breaks in floors upto 200mm thick.	37.60	Sqm	242.30	9110.48

Providing and fixing wire
 galvanized M.S.
 aperture

32	Extra for Centering and shuttering in Circular Foundations	18.90	Sqm	52.46	
33	Walls	292.04	Sqm	114.77	335.00
34	Beams (Ring Beam of SR)	38.70	Sqm	100.57	389.23
35	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): First class Kail Wood	0.83	Cum	106894.15	88722.14
36	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): KD Wood	0.96	Cum	45000.00	43200.00
37	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	16.56	Sqm	2745.95	45472.93
38	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. First class kail wood. 35mm thick	1.12	Cum	3093.80	3465.06
39	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick MDF board 12 mm thick Pre-laminated particle board with decorative lamination on both sides.	0.67	Sqm	2501.75	1676.17
40	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	5.65	Sqm	3338.05	18859.98

VSS Watayan under JIM

Page 4

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41	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	17.08	Sqm	3307.80	56497.22
42	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete Fixed to openings / wooden frames with rawl plugs screws etc.	103.50	kg	179.90	18619.65
43	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	90.00	No	163.05	14674.50
44	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	10.00	Cum	787.40	7874.00
45	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with:	10.49	Cum	2171.10	22774.84
46	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	33.54	Sqm	505.00	16937.70
47	12mm Cement plaster of mix: 1 : 4 (1 cement : 4 fine sand)	839.13	Sqm	260.05	218215.76
48	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	0.01	Sqm	343.75	3.44
49	15mm Cement plaster on the rough side of single or half brick wall of mix 1 : 6 (1 cement : 6 fine sand)	77.79	Sqm	278.60	21672.29

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50	20mm cement plaster finished with a floating coat of neat cement of mix 1 : 3 (1 cement : 3 fine sand)	338.94	Sqm	451.60	1530Kg
51	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia nominal bore.	18.00	mtr	431.10	7759.80
52	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work)	18.00	mtr	163.55	2943.90
53	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with antoiccorrusive red oxide primer and all carriages upto site of work complete.	0.01	Kg	147.82	1.48
54	Providing and fixing 200mm dia Sluice Value with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	31698.00	31698.00
55	Providing and fixing 150mm dia Sluice Value with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	20243.00	20243.00
56	Providing and fixing 100mm dia Sluice Value with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00	26328.00
57	Providing and fixing 80mm dia Sluice Value with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	10815.00	10815.00
58	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	694.08	Cum	198.70	137913.70
59	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	1705.82	Kg	57.90	98766.98
60	Providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers	3144.00	kg	61.50	193356.00

61	Providing and fixing of PVC soil, waste and vent pipes of reputed make of 100 mm dia include earthwork, refilling etc. As per Engineer-incharge	9.00	mtr	300.00	2700.00
62	Providing and fixing of PVC soil, waste and vent pipes of reputed make of 75 mm dia include earthwork, refilling etc. As per Engineer-incharge	6.00	mtr	275.00	1650.00
63	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover	3.90	Sqm	3238.20	12628.98
64	Providing and fixing ball bearing for rolling shutters.	10.00	No	483.10	4831.00
65	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	7242.46	Kg	91.03	659281.13
66	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	0.01	kg	114.68	1.15
67	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	500.00	Kg	146.63	73315.00
68	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. <i>(Riveted and bolted)</i>	0.01	Kg	105.76	1.06

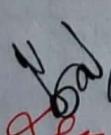
69	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat coat of approved steel primer all complete. (Welded)	0.01	Kg	102.13	
70	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	364.00	Sqm	806.85	293693.40
71	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.	4.01	Cum	138685.40	556128.45
72	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.	3.46	Cum	30000.00	103800.00
73	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	196.08	Sqm	1046.98	205291.84
74	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	48.17	RM	760.49	36632.80
75	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	0.01	RM	688.77	6.89
76	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	0.01	RM	693.90	6.94
77	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.01	Cum	60102.80	601.03

78	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	0.01	Sqm	1712.85	17.13
79	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	112.11	Sqm	172.40	19327.76
80	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	225.31	Sqm	149.05	33582.46
81	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	66.63	Sqm	59.35	3954.49
82	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	56.38	Sqm	59.50	3354.61
83	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	66.00	Sqm	121.95	8048.70
84	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	364.00	Sqm	52.75	19201.00
85	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	0.01	Sqm	125.60	1.26
86	Providing fabricating and faxing sign board on PGI sheet with angle iron frame/ legs incl. painting/writing etc including fixing over enterence gates, cost of fixing at SR site / Filt. Plant site as per direction of Engineer incharge complete job.	10.00	Sqm	3000.00	30000.00
87	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete On steel work	364.00	Sqm	188.80	68723.20
88	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	226.17	Sqm	91.80	20762.41

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89	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm	2.00	No	292.80	
90	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete	4.00	No	1839.60	7358.40
91	Providing and fixing aluminum hanging floor door stopper, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete Single rubber stopper	4.00	No	54.60	218.40
92	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	16.00	No	80.35	1285.60
93	100 x 10mm	84.00	No	57.35	4817.40
94	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	12.00	No	66.35	796.20
95	100mm	40.00	No	52.30	2092.00
96	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	19.61	Sqm	1161.05	22768.19

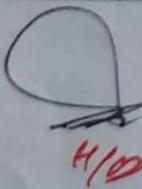

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97	Providing and fixing Polyethylene- Aluminum-Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe.	18.00	RM	321.15	5780.70
98	2025 (25mm OD) pipe	18.00	RM	385.85	6945.30
99	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70	1298.50
100	PPR Union 25mm	5.00	No	309.20	1546.00
101	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No	5534.85	5534.85
102	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
103	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15	131.15
104	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00	No	436.50	1309.50
105	Providing and fixing 15 mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.	4.00	No	624.65	2498.60
106	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	3.00	No	657.30	1971.90

107	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	4.00	No	536.10	
108	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-incharge	5.00	No	62.30	311.50
109	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00
110	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 15mm nominal bore.	1.00	No	438.85	438.85
111	Providing and fixing PTMT soap dish holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106gms.	2.00	No	227.90	455.80
112	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	0.01	No	1908.50	19.09
113	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	2.00	No	1750.00	3500.00
114	Providing and fixing PVC Door Fittings complete.				0.00
115	100mm floor trap	2.00	No	500.00	1000.00
116	100mm door junction	2.00	No	350.00	700.00
117	100mm Collar	3.00	No	175.00	525.00
118	10mm Gasket	3.00	No	200.00	600.00
119	100mm bends	2.00	No	250.00	500.00
120	80mm Door Junction	3.00	No	300.00	900.00
121	80mm floor trap	2.00	No	250.00	500.00
122	80mm bend	2.00	No	200.00	400.00
123	80mm Collar	3.00	No	150.00	450.00
124	Floor Grating	2.00	No	250.00	500.00

125	Providing / laying of PVC conduit with all allied accessories / Specials like bends, collars, joints, saddles JBS, clips of all sizes, tape Rolls including cutting / chasing for all types of surface and as per the requirement at site / Site Engineer. a, 25mm & 2.0/ 1.6mm thick unbreakable	100.00	Mtrs	150.00	15000.00
126	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including Testing / Commissioning for all points upto 6 Amp) including Switches, indicators MCB etc etc and including Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .complete	8.00	points	1400.00	11200.00
127	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators, MCB's etc complete	3.00	points	1800.00	5400.00
128	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	1.00	No	2000.00	2000.00
129	Supply and fixing of Hot Water Gysen 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	1.00	No	16000.00	16000.00
130	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.	0.01	Cum	139.40	1.39
131	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	55.13	Cum	492.75	27165.31
132	63 mm to 45 mm	55.13	Cum	564.60	31126.40
133	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)	21.50	Cum	504.40	10844.60
134	Supplying and stacking at site Maroon	8.83	Cum	528.50	4666.66

135	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :	110.26	Cum	574.60	63355.40
136	Providing and applying tack coat using hot straight run bitumen of grade - VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications. On W.B.M. @ 0.75 Kg/sqm.including all carriage tools, plants etc	367.50	sqm	50.45	18540.38
137	Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy. For 50 mm compacted thickness using coarse aggregate of size 50-20mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG-10 @ 50 kg/10sqm includung cost and all carriage material involved from source to site complete job as per direction of Engineer-incharge	350.00	sqm	381.80	133630.00


63355.40

138	Providing & laying bitumen mastic wearing course (as per specifications) with industrial bitumen of grade 85/25 conforming to IS : 702, prepared by using mastic cooker & laid to required level and slope, including providing antiskid surface with bitumen pre-coated fine grained hard stone chipping of approved size at the rate of 0.005 cum per 10 sqm& at approximate spacing of 10 cm centre to centre in both directions, pressed into surface protruding 1 mm to 4 mm over mastic surface, including cleaning the surface, removal of debris etc. all complete. (considering bitumen using 10.2% as per MORTH specification) 25mm thick includung cost and all carriage material involved from source to site complete job as per direction of Engineer-incharge	367.55	sqm	618.80	227439.94
139	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG-10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface including rolling and finishing with road all complete.	367.55	sqm	78.15	28724.03
140	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
141	Cement and Steel 7 Km's	242.40	MT	209.88	50874.91
142	Sand and 20mm crushed aggregate / Screening / Moorum12 km's	569.66	Cum	305.14	173826.05
143	Crushed Aggregate 40mm nominal Size 12 Kms	180.30	Cum	331.62	59791.09
144	Bricks 110 Km's	7022.00	No	3.45	24225.90
145	Stones From Quarry 8 Km's	18.67	Cum	295.32	5513.62
146	Carriage of materials from road site upto actual site of work avg 250 Mtrs by Head Load by Manual means including loading unloading and stacking complete.				0.00
147	Cement	47.37	MT	192.91	9138.15
148	Steel	13.57	MT	414.37	5623.00
149	Sand and 20mm crushed aggregate	155.28	Cum	392.70	60978.46
150	Crushed Aggregate 40mm nominal Size	19.32	Cum	424.53	8201.92
Total					13423842.67
Add Contractors Tender Appreciation @ 3% on All items					402715.28
G. Total					13826557.95

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

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GOVT. OF UT JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSO DIVISION HANDWARA

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Prop
S/o
R/o
Regd No : 17/AAY/CIVIL/SANITARY/CVPP/PDHEP/CE/I&L 2019-20
GST No. : 01FCJPS1733J1ZK
No: - PHE/Hand/ 1337-42 Date: 20/7/2023

Adv. Cost : - Rs 96.20 LacsAllotted Cost:-Rs.9811474.18/-Time of Completion 180 days

Sub : Construction including Successful Testing and Commissioning of 1.75 Lac Gallons Capacity GSR, Intake Chamber, 3 No Sluice Chambers, Catch Water Drain, Thrust Blocks/ Saddle Blocks, Retaining Walls, Crate Protection, Toe Wall WC Cum Bath Room and Providing Chain Link Fencing around Structures for WSS Tarathpora Regional under JJM.

Ref:- Your tender in response to this office E-NIT No.08 /PHE /Hand 05/2023 of S.No.03 issued under this Office No.281-91 of 24-04-2023.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/2744-67 dated. 17-07-2023

3. Accord No.CE/PHE/DB/JJM/247 of 08/2022 dtd. 31.08.2022

4. Technical Sanction Order No.CE/PHE/DB/649 of 09/2022 dtd 17-09-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	110.35	Cum	436.00	48112.60
2	-Ordinary Rock	32.18	Cum	841.60	27082.69
3	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed In all kinds of Soil	0.01	Cum	841.60	8.42
4	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil :	61.32	Cum	539.35	33072.94
5	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	992.13	Cum	188.75	187264.54
6	Oridanary Rock	92.30	Cum	378.35	34921.71
7	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: All kinds of soil :	21.00	Cum	252.05	5293.05
8	Oridanary Rock	0.01	Cum	470.00	4.70
9	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addll 1 lift All kinds of Soil	45.64	Cum	81.65	3726.51
10	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	99.60	Cum	1320.00	131472.00

11	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	51.64	Cum	4861.84	
12	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	61.55	Cum	5399.02	
13	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	24.76	Cum	6465.20	160078.35
14	Providing and laying in position Reinforced cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	18.09	Cum	6978.68	126244.32
15	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	140.74	Cum	7801.00	1097912.74
16	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement 1:1.5:3 mix.	83.48	Cum	9408.14	785391.53
17	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	12.82	Cum	9849.35	126268.67
18	Reinforced cement concrete work in arches, archribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	38.56	Cum	10404.50	401197.52
19	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	4.72	Cum	6802.13	32106.05
20	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	4.72	Cum	1456.02	6872.41
21	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	23540.00	Kg	87.18	2052217.20
22	Providing and incorporateoing P.G.I sheet strips during lying of concrete walls 0.80mm Thick	65.95	Sqm	800.00	52760.00
23	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	804.00	Kg	57.90	46551.60
24	Providing and fixing of 200mm dia MS Flanged bend / tail pieces, specials etc of size 0.90 - 1.50mtr as per the direction of Er. Incg. Complete job	3.00	Job	5500.00	16500.00
25	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	13.88	Sqm	2497.50	34665.30
26	Constructing vertical bunds with sloping faces, by boulder filling (dry, hand packed tightly); including cost of stones but excluding cost of wirecrates	14.66	Cum	2073.55	30398.24

Tarathpora Regional under JJM

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Hand-packing stones in wire-crates; excluding cost of crates and stones	10.18	Cum	337.45	3435.24
Supply of 2nd class stones / Boulders excluding Carriages.	10.18	Cum	1500.00	15270.00
Supply of Wire Crates including all carriages by Mech. Transport and Head Load.	50.40	Sqm	300.00	15120.00
30 Centering and shuttering including strutting, propping etc. and removal of form for Foundations	381.99	Sqm	262.30	100195.98
31 Walls	799.86	Sqm	573.85	458999.66
32 Beams	41.31	Sqm	502.85	20772.73
33 Suspended Floors	50.71	Sqm	635.60	32231.28
34 Columns	7.56	Sqm	680.15	5141.93
35 Domes exceeding 6 Mtr Span	308.45	Sqm	3095.25	954729.86
36 Edges of slabs and breaks in floors upto 200mm thick.	41.80	Sqm	242.30	10128.14
37 Extra for Centering and shuttering in Circular Foundations	18.57	Sqm	52.46	974.18
38 Walls	375.00	Sqm	114.77	43038.75
39 Beams (Ring Beam of SR)	41.31	Sqm	100.57	4154.55
40 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	10.00	No	163.05	1630.50
41 Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	3.00	Cum	787.40	2362.20
42 Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	2.25	Sqm	505.00	1136.25
43 12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	686.31	Sqm	343.75	235919.06
44 12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	816.83	Sqm	260.05	212416.64
45 15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	31.50	Sqm	278.60	8775.90
46 Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with antoicorrusive red oxide primer and all carriages upto site of work complete.	336.30	Kg	147.82	49711.87
47 Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	20243.00	40486.00
48 Providing and fixing 125mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	15980.00	31960.00
49 Providing and fixing 100mm dia Sluice Value with with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00	26328.00
50 Providing and fixing 80mm dia Sluice Value with with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	10815.00	21630.00
51 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	988.56	Cum	198.70	196426.87
52 Providing and fixing PVC pipe bends 80mm dia for air vents.	10.00	No	150.00	1500.00

53	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	27.00	Kg	104.39	
54	Providing and fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 5.0mm thick glass panes	0.90	Sqm	1233.10	1109.79
55	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	0.01	Kg	91.03	0.91
56	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	326.95	Kg	146.63	47940.68
57	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes	0.01	Kg	146.63	1.47
58	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	1502.00	Kg	105.76	158851.52
59	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	162.00	Sqm	806.85	130709.70
60	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	5.40	Sqm	4788.25	25856.55
61	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	10.00	Sqm	172.40	1724.00
62	Providing fabricating and fixing sign board on PGI Sheet with angle iron frame/ Legs incl. Painting / writing etc including fixing over entrance gates , cost of fixing at SR site/ Filt Plant site as per direction of Engineer in Charge complete job.	5.00	Sqm	3000.00	15000.00
63	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	50.00	Sqm	59.35	2967.50
64	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	6.00	Sqm	59.50	357.00
65	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	170.00	Sqm	121.95	20731.50
66	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	76.65	Sqm	91.80	7036.47
67	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm	1.00	No	292.80	292.80
68	Providing and fixing aluminium haging floor single rubber door stopper (Anodic coating not less than grade AC 10 as per IS 1868	1.00	No	54.60	54.60

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	Providing and fixing aluminum tower bolts ISI marked anodized (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 200 x 10mm	2.00	No	89.20	178.40
70	100 x 10mm	2.00	No	57.35	114.70
71	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	10.00	Kg	179.90	1799.00
72	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	2.00	No	66.35	132.70
73	100mm	2.00	No	52.30	104.60
74	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	9.00	Sqm	1161.05	10449.45
75	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. In all colours, shades, except White, Ivory, Fume Red Brown	2.97	Sqm	1115.80	3313.93
76	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	20.00	RM	321.15	6423.00
77	2025 (25mm OD) pipe	18.00	RM	385.85	6945.30
78	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70	1298.50
79	PPR Union 25mm	5.00	No	309.20	1546.00
80	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	No	5534.85	5534.85
81	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
82	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15	131.15

83	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00	No	436.50	1309.50
84	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	1.00	No	2702.00	2702.00
85	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	3.00	No	657.30	1971.90
86	Providing and Fixing C.P. Brass long nose bibcock 15 mm nominal bore	1.00	No	430.00	430.00
87	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	2.00	No	536.10	1072.20
88	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-incharge	5.00	No	62.30	311.50
89	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00
90	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 15mm nominal bore.	1.00	No	438.85	438.85
91	Providing and fixing PTMT soap dish holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106gms.	1.00	No	227.90	227.90
92	Providing and fixing of GI pipes complete with GI fitting and clamps incl. cutting and making good the walls etc nominal bore 15mm	36.00	Mtr	431.10	15519.60
93	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) 15mm dia. nominal bore	36.00	Mtr	163.55	5887.80
94	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	2.00	No	10.00	20.00
95	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	2.00	No	1750.00	3500.00
96	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	9.00	RM	1750.00	15750.00
97	75mm dia	9.00	RM	1750.00	15750.00
98	Providing and fixing PVC Door Fittings complete.				0.00
99	100mm floor trap	2.00	No	500.00	1000.00
100	100mm door junction	3.00	No	350.00	1050.00
101	100mm Collar	3.00	No	175.00	525.00
102	10mm Gasket	2.00	No	200.00	400.00
103	100mm bends	2.00	No	250.00	500.00
104	80mm Door Junction	3.00	No	300.00	900.00
105	80mm floor trap	2.00	No	250.00	500.00
106	80mm bend	2.00	No	200.00	400.00
107	80mm Collar	3.00	No	150.00	450.00
108	Floor Grating	2.00	No	250.00	500.00

1309.50

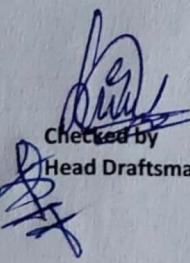
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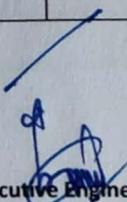
Rs 4/4

	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	2.00	points	1200.00	2400.00
110	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	2.00	points	2000.00	4000.00
111	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	1.00	No	2500.00	2500.00
112	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	2.00	No	300.00	600.00
113	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
114	Cement and Steel 20 Km's	222.08	MT	303.98	67507.88
115	Sand avg lead to 25 km's	205.64	Cum	534.91	109998.89
116	Crushed Aggregate 20mm nominal Size 25 Kms	342.02	Cum	534.91	182949.92
117	Crushed Aggregate 40mm nominal Size 25 Kms	53.43	Cum	581.49	31069.01
118	Stone upto 14 kms	47.01	Cum	387.55	18218.73
119	Bricks from Bugam 130 kms	2241.00	No	3.99	8941.59
120	Surplus Earth upto safe dumping of site	43.20	Cum	502.85	21723.12
121	Carriage of materials from road site upto actual site of work by manual means (Head Load) including loading unloading and stacking complete.				0.00
122	Cement 50 M trs	69.68	MT	175.08	12199.57
123	Steel avg 50 Mtrs	16.64	MT	376.05	6257.47
124	Sand and 20mm Crushed agg avg 50 Mtrs	224.85	Cum	347.00	78022.95
125	40mm Crushed Aggregate 50 Mtrs	32.44	Cum	375.13	12169.22
126	Bricks 50 Mtrs	2241.00	No	3.91	8762.31
Total					9620035.48
Add Contractors Tender Appreciation @ 1.99% on All items					191438.71
G.Total					9811474.18

Checked by
Head Draftsman



Executive Engineer
PHE Jal Shakti Division Handwara



Pz 15

GOVT. OF UT JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

MS
S/o
R/o
Regd No : 789/AAY/CE/KCC/PDC/2007-08
GST No. : 01A0FPR1918B1ZJ
Ne:- PHE/Hand/ 1401-1404 Date:- 02/08/2023 .



Adv. Cost : - Rs 138.00 Lacs

Allotted Cost: - Rs. 14255493.83/-

Time of Completion 180 days

Sub : Construction including Successful Testing and Commissioning of 0.50 Lac Gallons Capacity GSR, Sluice Chamber, Raw Water Sump/Pump House/ Intake Channel, Gang Hut, R/ Wall, B/ Wall, Anchor/ Saddle Blocks, Bath Room, approach road and providing Chain Link fencing around structures for WSS Awathkhul Natnussa under JJM.

Ref:- Your tender in response to this office E-NIT No.08 /PHE /Hand 05/2023 of S.No.04 issued under this Office No.281-91 of 24-04-2023.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/2744-67 dated. 17-07-2023

3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 dtd 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/248 of 08/2022 dtd 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	310.38	Cum	436.00	135325.68
2	Ordinary Rock	0.01	Cum	841.60	8.42
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	336.74	Cum	539.35	181620.72
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	0.01	Cum	252.05	2.52
5	Oridanary Rock	0.01	Cum	470.00	4.70
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	1337.14	Cum	188.75	252385.18
7	Oridanary Rock	0.01	Cum	378.35	3.78
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addll 1 lift All kinds of Soil	310.72	Cum	81.65	25370.29
9	Oridanary Rock	0.01	Cum	146.45	1.46
10	Addll 2 lift All kinds of Soil	220.00	Cum	163.30	35926.00
11	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	1500.00	KL	155.55	233325.00
12	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	99.64	Cum	1320.00	131524.80

13	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	37.03	Cum	4861.84	180033.94
14	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	174.11	Cum	5437.74	946764.91
15	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	17.20	Cum	6465.20	111201.44
16	Providing and laying in position Reinforced cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	6.07	Cum	6978.68	42360.59
17	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	55.82	Cum	7801.00	435451.82
18	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	105.69	Cum	9408.14	994346.32
19	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering, finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	35.70	Cum	9849.35	351621.80
20	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.08	Cum	10404.50	84068.36
21	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in Cement mortar 1:6 (1 cement : 6 coarse sand)	48.28	Cum	6802.13	328406.84
22	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	44.48	Cum	1456.02	64763.77
23	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	22100.00	Kg	87.18	1926678.00
24	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level andcuring complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)	0.01	Cum	4435.25	44.35
25	Excluding Cost of Stones	0.01	Cum	3919.05	39.19
26	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	21.97	Sqm	2497.50	54870.08
27	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	661.97	Sqm	262.30	173634.73
28	Walls	975.85	Sqm	573.85	559991.52

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29	Beams	84.35	Sqm	502.85	42415.40
30	Suspended Floors	169.15	Sqm	635.60	107511.74
31	Columns	235.34	Sqm	680.15	160066.50
32	Domes upto 6 Mtr Span	64.68	Sqm	2086.80	134974.22
33	Edges of slabs and breaks in floors upto 200mm thick.	28.84	RM	242.30	6987.93
34	Extra for Centering and shuttering in Circular Foundations	18.04	Sqm	52.46	946.38
35	Walls	609.66	Sqm	114.77	69970.68
36	Beams (Ring Beam of SR)	32.88	Sqm	100.57	3306.74
37	Suspended Floors	233.00	Sqm	100.57	23432.81
38	Extra for Domes exceeding 6 Mtr in Span	64.68	Sqm	1008.45	65226.55
39	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	25.00	Cum	787.40	19685.00
40	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	1.74	Cum	92065.35	160193.71
41	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	14.36	Sqm	2745.95	39431.84
42	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick 1st Class Kail Wood.	9.03	Sqm	2501.75	22590.80
43	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/ sqm)	3.60	Sqm	1768.05	6364.98
44	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	14.77	Sqm	3338.05	49303.00
45	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	14.27	Sqm	3307.80	47202.31
46	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	94.00	No	163.05	15326.70
47	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	10.00	Cum	787.40	7874.00
48	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	33.54	Sqm	505.00	16937.70
49	12 mm thick Cement plaster 1 : 3:(1 cement : 3 coarse sand) finished with a floating coat of neat cement	416.42	Sqm	343.75	143144.38
50	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	76.12	Sqm	241.75	18402.01

51	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	214.05	Sqm	278.60	59634.33
52	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with antioccorrosive red oxide primer and all carriages upto site of work complete.	200.00	Kg	147.82	29564.00
53	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	20243.00	20243.00
54	Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00	26328.00
55	Providing and fixing 80mm dia Sluice Value with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	10815.00	21630.00
56	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	184.72	Cum	198.70	36703.86
57	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	1373.00	Kg	57.90	79496.70
58	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	15.00	Sqm	800.00	12000.00
59	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	150.00	1800.00
60	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes	100.00	RM	1581.25	158125.00
61	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	1.00	qtl	7408.95	7408.95
62	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	3.25	Sqm	3238.20	10524.15
63	Providing and fixing ball bearing for rolling shutters.	2.00	No	483.10	966.20
64	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	7718.00	Kg	91.03	702569.54
65	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	634.00	Kg	146.63	92963.42
66	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	0.01	Kg	105.76	1.06

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67	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	2400.00	Kg	102.13	245112.00
68	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	103.50	Kg	102.13	10570.46
69	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	0.01	Kg	97.35	0.97
70	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	6.70	Sqm	4788.25	32081.28
71	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In-Charge made of G.I. Wire of dia 4mm.	560.00	RM	733.50	410760.00
72	Supply, Fabrication, Fixing in position Mild Steel Edge Cutter with mild steel anchorage including welding and making position for fixing of reinforcement of wall as per approved drawings and technical specifications and as per instructions of Site Engineer Incharge.	734.00	Kg	92.85	68151.90
73	Sinking of well through all types of sink complete as per drawings and all technical specification having inner dia of 5.50m by way of making of platform overhead wall, with loading, unloading of sand filled EC bags for required number of castings and engagement of skilled with sinking depth as per site conditions and removal of platform as per directions of site engineer Incharge.	10.00	RM	25000.00	250000.00
74	Providing and Installation of Gantry in the Pump House and Providing of steel Railing on Sides of Ramp incld all carriages of material as per direction of Engineer In Charge.complete Job.	1.00	Job	25000.00	25000.00
75	Filling Of EC bags with sand/ soil including cost of sand/earth, EC Bags, Filling Of Sand/Earth In Bags, Loading and Unloading Bags from source to site.	11272.00	Bags	25.00	281800.00
76	Dismantling of Ring Bund/Spur Bund/Push Bund including disposal of materials as directed.	399.00	Cum	200.00	79800.00
77	Providing hoisting and fixing trusses/purlins/rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.	3.46	Cum	138685.40	479851.48
78	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	184.59	Sqm	951.80	175692.76
79	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	100.17	RM	691.35	69252.53

80	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	0.01	RM	626.15	6.26
81	Providing and fixing plained eaves boarding, 2nd class kail wood 250x32 mm (nominal size)	70.00	RM	693.90	48573.00
82	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.01	Cum	60102.80	601.03
83	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood for soffit boarding.	20.00	Sqm	1712.85	34257.00
84	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	177.11	Sqm	172.40	30533.76
85	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	177.11	Sqm	149.05	26398.25
86	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	72.25	Sqm	59.50	4298.88
87	Painting with synthetic enamel paint of approved brand and manufacture to give an even shadeTwo or more coats on new work.	58.87	Sqm	121.95	7179.20
88	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	573.00	Sqm	52.75	30225.75
89	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	573.00	Sqm	125.60	71968.80
90	Applying one coat of Water Thenable Cement Primer of approved brand and manufacture on wall surfaces	243.23	Sqm	59.35	14435.70
91	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	293.23	Sqm	91.80	26918.51
92	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm	8.00	No	292.80	2342.40
93	250 x16 mm	2.00	No	229.90	459.80
94	Providing and fixing Aluminium Hanging Floor Single Rubber Door stoper anodic coating not less than grade AC 10 as per IS: 1868	8.00	No	54.60	436.80
95	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x10mm	18.00	No	80.35	1446.30
96	100 x 10mm	156.00	No	57.35	8946.60
97	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	18.00	No	66.35	1194.30
98	100mm	80.00	No	52.30	4184.00
99	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked with 6 levers and a pair of anodised anodic coating not less than grade AC 10 as per IS: 1868. aluminium lever handles of approved quality with necessary screws etc complete.	3.00	No	1839.60	5518.80

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100	Flooring with Marble stone of specified thickness as per sample of marble approved by Engineer-In-Charge over 20mm average thick base of Cement Mortar 1:4 (1 Cement: 4 Coarse Sand) laid and joined with gray cement slurry including rubbing, polishing and curing complete with Raj nagar Palin.	7.00	Sqm	2171.10	15197.70
101	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	42.71	Sqm	1161.05	49588.45
102	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	8.54	Sqm	1052.25	8986.22
103	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	30.00	RM	321.15	9634.50
104	2025 (25mm OD) pipe	30.00	RM	385.85	11575.50
105	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70	1298.50
106	PPR Union 25mm	5.00	No	309.20	1546.00
107	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	0.01	RM	2760.40	27.60
108	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete	0.01	Cum	1320.00	13.20
109	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors whereever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	2.00	No	5534.85	11069.70

110	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
111	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	2.00	No	131.15	262.30
112	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.: Concealed pipe including painting with anti corrosivebitumastic paint, cutting chases and making good the wall: 15 mm dia. nominal bore	20.00	RM	431.10	8622.00
113	20 mm dia. nominal bore	20.00	RM	476.60	9532.00
114	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) 15 mm dia. nominal bore (Medium)	36.00	RM	163.55	5887.80
115	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	7.00	No	436.50	3055.50
116	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make wheighing not less than 1.97 Kg	3.00	No	2207.60	6622.80
117	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	5.00	No	657.30	3286.50
118	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	8.00	No	536.10	4288.80
119	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-incharge	10.00	No	62.30	623.00
120	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete	2.00	No	438.85	877.70
121	Providing and Fixing PTMT Towel rail Complete with brackets fixed to wooden cleats with CP Brass screws with Concealed fitting arrangements of approved quality and colour. 50mm long Towel rail with total length of 495mm , 78mm wide and effective height of 88mm, weigheing not less than 170gms.	2.00	No	686.15	1372.30
122	Providing and Fixing PTMT Shelf 440mm long, 124mm width and 36mm height weigheing not less than 300 gms,	2.00	No	790.50	1581.00
123	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000.00	Ltr	11.25	11250.00
124	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	4.00	No	1750.00	7000.00
125	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	39.00	RM	1750.00	68250.00
126	75mm dia	24.00	RM	1750.00	42000.00
127	Providing and fixing PVC Door Fittings complete.				0.00
128	100mm floor trap	4.00	No	500.00	2000.00
129	100mm door junction	4.00	No	350.00	1400.00
130	100mm Collar	4.00	No	175.00	700.00
131	100mm Gasket	4.00	No	200.00	800.00
132	100mm bends	4.00	No	250.00	1000.00
133	80mm Door Junction	4.00	No	300.00	1200.00
134	80mm floor trap	4.00	No	250.00	1000.00
135	80mm bend	4.00	No	200.00	800.00
136	80mm Collar	4.00	No	150.00	600.00
137	Floor Grating	4.00	No	250.00	1000.00

Awathkhul under JJM

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138	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc including Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz . complete	18.00	points	1400.00	25200.00
139	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	6.00	points	2000.00	12000.00
140	Providing and fixing Exhaust Fan in 1.5 Sqmm multi strand PVC Copper wire to be laid in conduits and fixing of exhaust fans, switches etc all complete.	3.00	points	2000.00	6000.00
141	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	3.00	No	2500.00	7500.00
142	Supply and fixing of Hot Water Gysyer 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	2.00	No	16000.00	32000.00
143	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.	1080.00	Sqm	139.40	150552.00
144	Consolidation of subgrade with power road roller of 8 to 12 tonne capacity including making good the undulations etc. with earth or quarry spoils etc. and rerolling the subgrade.	1080.00	Sqm	2.75	2970.00
145	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	108.00	Cum	492.75	53217.00
146	63 mm to 45 mm	81.00	Cum	564.60	45732.60
147	53 mm to 22.4 mm	81.00	Cum	575.30	46599.30
148	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)	62.10	Cum	504.40	31323.24
149	Supplying and stacking at site Good Earth	6.07	Cum	258.25	1567.58
150	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density.	270.00	Cum	710.85	191929.50
151	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
152	Cement and Steel 10 Km's	309.30	MT	356.60	110296.38
153	Sand and 20mm crushed aggregate/ Screening / Moorum 20 km's	687.13	Cum	402.29	276425.53
154	Crushed Aggregate 40mm nominal Size and above 30 Kms	303.32	Cum	437.30	132641.84
155	Bricks 110 Km's	22855.00	No	3.45	78849.75
156	Stones 20 Km's	21.97	Cum	473.25	10397.30

157	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 150 mtrs including loading unloading and stacking complete.				0.00
158	Cement	207.44	MT	157.24	32617.8-
159	Steel	9.49	MT	337.73	3265.00
160	Sand and 20mm Crushed agg	362.89	Cum	301.30	109338.76
161	40mm crushed aggregate	22.67	Cum	325.73	7384.30
162	Bricks	12505.00	No	0.56	7002.80
163	Stones	21.97	Cum	354.46	7787.49
Total					13800090.83
Add Contractors Tender Appreciation @ 3.30% on All items					455403.00
G.Total					14255493.83

Checked by

Head Draftsman

DM

Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

*Tantray Brothers and Sons
Mohd Iqbal Tantray
Mohd Akbar Tantray*

*CE/Hand/AYY/CIVI/SANITARY/2005-06
01AFKPT8303C1ZS*

P>K

- PHE/Hand/ *1329-34*

Date: *28/7/2022*

Adv. Cost :- Rs 50.63 Lacs

Allotted Cost:-Rs. 5063288.90/-

Time of Completion _____ days

Sub :Laying and Fitting of different dia DI/G.I. pipes for various areas of WSS Sunwani Lokipora (Under JJM)

Ref:- Your tender in response to this office E-NIT No 21 ./PHE /Hand of 2022 S.No.33 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023

3. Accord No.016/DSE/HH/DB OF 2022-23

4. Technical Sanction Order No.CE/PHE/DB/239 OF 08.2022 DATED / 31.08.2022.

5. SE's Approved vide No.DSE/HH/DB/1247-48 OF 08/07/2023

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates,

Terms and conditions which are reproduced as under:

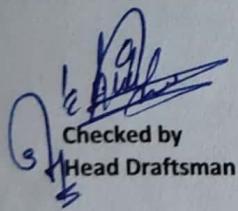
SLN No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	4132.80 ✓	Cum	436.00 ✓	1801900.80
2	ordinary rock	459.20 ✓	Cum	841.40 ✓	386370.88
3	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
4	80MM DIA	810.00 ✓	RM	73.05 ✓	59170.50
5	65MM DIA	1100.00 ✓	RM	73.05 ✓	80355.00
6	50MM DIA	4500.00 ✓	RM	40.80 ✓	183600.00
7	40MM DIA	4500.00 ✓	RM	40.80 ✓	183600.00
8	25MM DIA	6000.00 ✓	RM	30.65 ✓	183900.00
9	20MM DIA	6500.00 ✓	RM	20.25 ✓	131625.00
10	15MM DIA	8500.00 ✓	RM	20.25 ✓	172125.00
11	Dimantling of pipes including earth work and backfilling 65mm	1000.00 ✓	RM	110.65 ✓	110650.00
12	Providing and fixing of MS flanged joints (8mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
13	80mm	90.00 ✓	Joint	1100.00 ✓	99000.00
14	125mm	50.00 ✓	Joint	1855.00 ✓	92750.00
15	100mm	50.00 ✓	Joint	1520.00 ✓	76000.00
16	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	477.35 ✓	Qty	245.55 ✓	117213.29

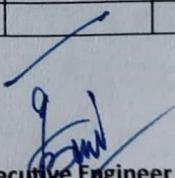
S. J. K. 1/2/23

M.V.

P= 3/2.

18	providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket			
19	125mm	50.00 ✓	Joint	105.00 ✓ 5250.00
19	100mm	407.00 ✓	Joint	89.70 ✓ 36507.90
20	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	4132.80 ✓	Cum	198.70 ✓ 821187.36
21	Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc.	81.27 ✓	MT	264.04 ✓ 21458.53
22	Carriage of DI/GI pipes upto site of work by manual labour incl. loading unloading stacking etc avg lead 2000mtr 125mm	7.50 ✓	100/mtr	867.19 ✓ 6503.93
	100mm	27.50 ✓	100/mtr	396.00 ✓ 10890.00
23	Carriage of D. I./G.I Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc			
24	125mm	750.00 ✓	mtr	9.97 ✓ 7477.50
25	100mm	2750.00 ✓	mtr	7.46 ✓ 20515.00
26	Carriage of GI pipes from dumping site upto actual site of work avg 400mtrs by manual means labour :	81.27 ✓	MT	310.70 ✓ 25250.59
27	Provision on account of pipes specials as per CE's Circular and approved by(vide SE's Approval No. DSE/HH/DB/1247-48 OF 08/07/2023).	1.00 ✓	L.S	429700.00 ✓ 429987.62
	Total			5063288.90


 Checked by
 Head Draftsman


 Executive Engineer
 PHE Jal Shakti Division Handwara

GOVT. OF UT JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : New Wani Brothers
 Prop : Nazir Ahmad Wani
 S/o : Ab Wahid Wani
 R/o : Shunnag Kupwara
 Regd No : 929/AAY(CIVIL/SANITARY)CE//KCC/PDC/2009-10
 GST No. : 01ACBPW3482F2ZR
 No:- PHE/Hand/ 1465-69 Date:- 01/01/2023



Adv. Cost : - Rs 139.81 Lacs

Allotted Cost:-Rs. 14442063.58/-

Time of Completion ____ days

Sub : Construction including Successful Testing and Commissioning of, 0.90 Lac Gallons capacity RCC GSR (01 No), , 03 No Sluice Chambers, Pump House Cum Chowkidar's Quarter,Lavoratory Blocks (3 No) R/ Wall, B/ Wall and Approach Road, Providing Chain Link Fencing around Structures for WSS Khanpora under J.J.M.

Ref:- Your tender in response to this office E-NIT No.08 /PHE /Hand 05/2023 of S.No.13 issued under this Office No.281-91 of 24-04-2023.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/2744-67 dated. 17-07-2023

3. Accord No.CE/PHE/DB/IJM/246 of 08/2022 dtd 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/232 of 08/2022 dtd 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N O	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	449.23	Cum	436.00	195864.28
2	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil :	110.25	Cum	539.35	59463.34
3	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	895.97	Cum	188.75	169114.34
4	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: All kinds of soil :	204.32	Cum	252.05	51498.86
5	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addll 1 lift All kinds of Soil	328.35	Cum	81.65	26809.78
6	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	200.24	Cum	1320.00	264316.80
7	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	90.12	Cum	4861.84	438149.02
8	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	404.81	Cum	6465.20	2617177.61

Khanpora M

9	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	14.85	Cum	6978.68	103633.40
10	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	57.34	Cum	7801.00	447309.34
11	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns , pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1.5:3 mix.	50.69	Cum	9408.14	476898.62
12	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	32.47	Cum	9849.35	319808.39
13	Reinforced cement concrete work in arches, arch ribs, domes , vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	15.86	Cum	10404.50	165015.37
14	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	51.21	Cum	6802.13	348337.08
15	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	38.79	Cum	1456.02	56479.02
16	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with: Raj Nagar plain	10.49	Sqm	2171.10	22774.84
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	20480.00	Kg	87.18	1785446.40
18	Providing and incorporating P.G.I sheet strips during laying of concrete walls 0.80mm Thick	19.09	Sqm	800.00	15272.00
19	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	795.00	Kg	57.90	46030.50
20	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	66.37	Sqm	2497.50	165759.08
21	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4 (1 cement:2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and curing complete	24.72	Sqm	372.85	9216.85
22	Pointing on stone work with cement mortar 1 : 3 (1 cement : 3 fine sand) Flush/Ruled Pointing	55.59	Sqm	270.80	15053.77
23	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	441.65	Sqm	262.30	115844.80
24	Walls	1488.62	Sqm	573.85	854244.59
25	Beams	90.94	Sqm	502.85	45729.18
26	Suspended Floors	117.48	Sqm	635.60	74670.29
27	Columns	10.80	Sqm	680.15	7345.62
28	Domes exceeding 6 Mtr Span	159.75	Sqm	3095.25	494466.19
29	Edges of slabs and breaks in floors upto 200mm thick.	135.45	Sqm	242.30	32819.54

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30	Extra for Centering and shuttering in Circular Foundations	22.15	Sqm	52.46	1161.99
31	Walls	279.92	Sqm	114.77	32126.42
32	Beams (Ring Beam of SR)	51.46	Sqm	100.57	5175.33
33	Providing and fixing of doors window CSW frames made of KD timber well seasoned free from defects knots wrottn and fixing in position with hold fast lugs etc the frames shall be delievered at site the rates quoted shall be inclusuve of all carriage lead lift and taxes	0.96	Cum	49000.00	47040.00
34	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	0.57	Cum	92065.35	52477.25
35	Providing of wood work in frames of tresses incl. ties rafters purlins and fixing with nails and joints using First class Popular wood	3.46	Cum	30000.00	103800.00
36	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	16.24	Sqm	2745.95	44594.23
37	Providing and fixing panelling or panelling and glazing in panelled or panelled nd glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	7.87	Sqm	2360.95	18580.68
38	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	1.20	Sqm	1768.05	2121.66
39	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	14.27	Sqm	3338.05	47633.97
40	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	11.43	Sqm	3307.80	37808.15
41	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	68.00	No	163.05	11087.40
42	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	10.00	Cum	787.40	7874.00
43	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	63.72	Sqm	505.00	32178.60
44	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	375.88	Sqm	343.75	129208.75
45	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	1012.34	Sqm	260.05	263259.02
46	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	164.45	Sqm	278.60	45815.77

47	Providing and fixing 150mm dia Sluice Valve with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	20243.00	40486.00
48	Providing and fixing 100mm dia Sluice Valve with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	13164.00	13164.00
49	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	196.34	Cum	198.70	39012.76
50	Providing and fixing PVC pipe bends 80mm dia for air vents.	10.00	No	150.00	1500.00
51	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	1.00	qtl	7408.95	7408.95
52	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	280.00	Kg	146.63	41056.40
53	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes	150.00	Kg	146.63	21994.50
54	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	8543.00	Kg	105.76	903507.68
55	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	546.00	Sqm	806.85	440540.10
56	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	8.40	Sqm	4788.25	40221.30
57	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	89.59	Sqm	1046.98	93798.94
58	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	48.17	RM	760.49	36632.80
59	Providing and fixing of 0.5mm color GS sheets sofit boarding incl supports etc complete job	20.00	Sqm	900.00	18000.00
60	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	70.00	RM	693.90	48573.00
61	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	112.11	Sqm	172.40	19327.76
62	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	158.85	Sqm	149.05	23676.59

Khanpora M

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63	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete On steel work	546.00	Sqm	188.80	103084.80
64	Providing fabricating and fixing sign board on PGI Sheet with angle iron frame/ Legs incl. Painting /writing etc including fixing over entrance gates , cost of fixing at SR site/ Filt Plant site as per direction of Engineer in Charge complete job.	10.00	Sqm	3000.00	30000.00
65	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	66.63	Sqm	59.35	3954.49
66	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	36.75	Sqm	59.50	2186.63
67	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	71.30	Sqm	121.95	8695.04
68	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	163.02	Sqm	91.80	14965.24
69	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm	4.00	No	292.80	1171.20
70	Providing and fixing almunium haging floor single rubber door stopper (Anodic coating not less than grade AC 10 as per IS 1868	4.00	No	54.60	218.40
71	Providing and fixing aluminum tower bolts ISI marked anodized (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 200 x 10mm	8.00	No	89.20	713.60
72	100 x 10mm	72.00	No	57.35	4129.20
73	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	142.50	Kg	179.90	25635.75
74	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete.	2.00	No	1839.60	3679.20
75	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	8.00	No	66.35	530.80
76	100mm	36.00	No	52.30	1882.80
77	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	90.92	Sqm	1161.05	105562.67
78	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. In colour such as White, Ivory, Grey, Fume Red Brown	19.11	Sqm	1052.75	20118.05

79	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	108.00	RM	321.15	34684.20
80	2025 (25mm OD) pipe	54.00	RM	385.85	20835.90
81	Providing and fixing PPR Unions PPR Union 20mm	15.00	No	259.70	3895.50
82	PPR Union 25mm	15.00	No	309.20	4638.00
83	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	7.00	No	5534.85	38743.95
84	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20
85	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	4.00	No	131.15	524.60
86	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	15.00	No	436.50	6547.50
87	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	6.00	No	2702.00	16212.00
88	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	8.00	No	657.30	5258.40
89	Providing and Fixing C.P. Brass long nose bibcock 15 mm nominal bore	10.00	No	430.00	4300.00
90	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	9.00	No	536.10	4824.90
91	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge	20.00	No	62.30	1246.00
92	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	2000.00	Ltr	11.25	22500.00
93	Providing and fixing of GI pipes complete with GI fitting and clamps incl. cutting and making good the walls etc nominal bore 15mm	18.00	Mtr	431.10	7759.80
94	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) mm dia, nominal bore	18.00	Mtr	163.55	2943.90
95	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	2.00	No	1750.00	3500.00
96	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	9.00	RM	1750.00	15750.00
97	75mm dia	6.00	RM	1750.00	10500.00
98	Providing and fixing PVC Door Fittings complete.				0.00
99	100mm floor trap	2.00	No	500.00	1000.00

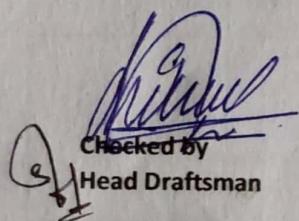
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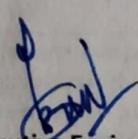
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100	100mm door junction	3.00	No	350.00	1050.00
101	100mm Collar	3.00	No	175.00	525.00
102	10mm Gasket	2.00	No	200.00	400.00
103	100mm bends	2.00	No	250.00	500.00
104	80mm Door Junction	3.00	No	300.00	900.00
105	80mm floor trap	2.00	No	250.00	500.00
106	80mm bend	2.00	No	200.00	400.00
107	80mm Collar	3.00	No	150.00	450.00
108	Floor Grating	2.00	No	250.00	500.00
109	Providing Lighting points . Using wire of 1.5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	26.00	points	1200.00	31200.00
110	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	9.00	points	2000.00	18000.00
111	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	4.00	No	2500.00	10000.00
112	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	26.00	No	300.00	7800.00
113	Supply and fixing of Hot Water Geyser 50 Ltr Capacity including all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	4.00	No	16000.00	64000.00
114	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm	69.10	Cum	492.75	34049.03
115	63 mm to 45 mm	69.10	Cum	575.30	39753.23
116	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)	26.95	Cum	504.40	13593.58
117	Supplying and stacking mooram at site excld carriages	11.07	Cum	528.50	5850.50
118	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :	138.19	Cum	710.85	98232.36
119	Providing and applying tack coat using hot straight run bitumen of grade - VG-10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications. On W.B.M. @ 0.75 Kg/sqm.	460.66	Sqm	55.45	25543.60

2
1/c HD

120	Providing and laying Bitumen Penetration Macadam with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy. For 50 mm compacted thickness using coarse aggregate of size 50-20mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG-10 @ 50 kg/10sqm	460.66	Sqm	381.80	175879.99
121	Providing & laying bitumen mastic wearing course (as per specifications) with industrial bitumen of grade 85/25 conforming to IS : 702, prepared by using mastic cooker & laid to required level and slope, including providing antiskid surface with bitumen pre-coated fine grained hard stone chipping of approved size at the rate of 0.005 cum per 10 sqm& at approximate spacing of 10 cm centre to centre in both directions, pressed into surface protruding 1 mm to 4 mm over mastic surface, including cleaning the surface, removal of debris etc. all complete. (considering bitumen using 10.2% as per MORTH specification) 25mm thick	460.66	Sqm	618.80	285056.41
122	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG-10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface including rolling and finishing with road all complete.	460.66	Sqm	78.15	36000.58
123	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
124	Cement and Steel 10 Km's	249.10	MT	249.65	62187.82
125	Sand / Screening / mooram avg lead to 12 km's	339.27	Cum	305.14	103524.85
126	Crushed Aggregate 20mm nominal Size 15 Kms	434.55	Cum	341.57	148429.24
127	Crushed Aggregate 40mm nominal Size and above 15 Kms	209.69	Cum	371.29	77855.80
128	Stone soling upto 18 kms	38.38	Cum	444.68	17066.82
129	Bricks from Bugam 118 kms	24330.00	No	3.67	89291.10
Total					13980700.46
Add Contractors Tender Appreciation @ 3.30% on All items					461363.12
G. Total					14442063.58


 Checked by
 Head Draftsman


 Executive Engineer
 PHE Jal Shakti Division Handwara

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Mohammad Pappu Contractor
 S/o : Chav
 R/o : Hathangon, Tehsil Punhana
 Regd No : 2021R2957 /HEWP/2021
 GST No. : 06BFPPP7642C2Z7
 No: - PHE/Hand/ 1000-1003 Date: 29/8/2023



Adv. Cost : - Rs 143.88 Lacs

Allotted Cost: -Rs.14862400.00/-

(One Crore Forty Eight Lacs , Sixty Two Thousand Four Hundred Rs Only)

Time of Completion 180 days

Sub : Construction including Successful Testing and Commissioning of RCC Pre-Settling Tank, Intake Channel, Sump cum Pump House at Stage 1st, 0.30 Lacs Gallons Capacity Clear Water Sump cum Pump House at Stage 2nd, Two No Sluice Value Chambers, Chowkidar's Quarter and Providing Chain Link Fencing around Structures for WSS Sonwani Lokipora under JJM.

Ref:- Your tender in response to this office E-NIT No.13 /PHE /Hand 07/2023 of S.No.01 issued under this Office No.1120-23 of 06-07-2023.

2. District Development Commissioner Kupwara's authorization No. DDCK/Pig/JJM/3556-70 dated. 05-08-2023

3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 dtd 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/239 of 08/2022 dtd 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	Qty	Unit	Alloted Rate in Rs	Amount in Rs
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	53.39	Cum	436.00	23278.04
2	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed In all kinds of Soil	373.66	Cum	252.05	94181.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil :	175.00	Cum	539.35	94386.25
4	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	441.20	Cum	188.75	83276.50
5	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	121.91	Cum	81.65	9953.95

Sonwani Lokipora JJM Rs. 143.88 Lacs

6	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	✓ 1682.00	KL	✓ 155.55	✓ 261635.10
7	Supply, Fabrication and fixing of MS edge Cutter with proper anchorage including all welding as per direction of Engineer-In- Charge and all carriage upto site of work complete.	✓ 1334.00	Kg	✓ 165.00	✓ 220110.00
8	Sinking of well through all types of soil complete as per specifications and directions of Engineer-In-Charge	✓ 8.50	RM	✓ 20000.00	✓ 170000.00
9	Providing and placing earth filled EC bags including excavating earth from borrow pits, filling of bags, sewing, stitching, stacking and placing in position as per direction of Engineer-in-Charge including all sorts of carriages including demolishing and disposal of material after successful completion of the job.	✓ 6372.00	Bags	✓ 25.00	✓ 159300.00
10	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	✓ 134.66	Cum	✓ 1320.00	✓ 177751.20
11	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	✓ 64.74	Cum	✓ 4861.84	✓ 314755.52
12	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	✓ 106.00	Cum	✓ 5399.02	✓ 572296.12
13	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	✓ 52.45	Cum	✓ 6465.20	✓ 339099.74
14	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	✓ 6.49	Cum	✓ 6978.68	✓ 45291.63
15	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	✓ 104.33	Cum	✓ 7801.00	✓ 813878.33

16	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1.5:3 mix.	160.02	Cum	✓ 9408.14	✓ 1505490.56
17	Reinforced cement concrete work in Suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	✓ 33.75	Cum	✓ 9849.35	✓ 332415.56
18	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	✓ 50.89	Cum	✓ 6802.13	✓ 346160.40
19	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	✓ 50.89	Cum	✓ 1456.02	✓ 74096.86
20	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with: Raj Nagar plain	✓ 10.49	Sqm	✓ 2171.10	✓ 22774.84
21	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	✓ 34690.00	Kg	✓ 87.18	✓ 3024274.20
22	Providing and incorporating P.G.I sheet strips during lying of concrete walls at construction Joints 0.80mm Thick	✓ 43.00	Sqm	✓ 800.00	✓ 34400.00
23	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	✓ 1422.70	Kg	✓ 57.90	✓ 82374.33
24	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	✓ 18.67	Sqm	✓ 2497.50	✓ 46628.33
25	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	✓ 297.55	Sqm	✓ 262.30	✓ 78047.37
26	Walls	✓ 1401.62	Sqm	✓ 573.85	✓ 804319.64
27	Beams	✓ 104.21	Sqm	✓ 502.85	✓ 52402.00
28	Suspended Floors	✓ 207.65	Sqm	✓ 635.60	✓ 131982.34
29	Columns	✓ 12.06	Sqm	✓ 680.15	✓ 8202.61
30	Edges of slabs and breaks in floors upto 200mm thick.	✓ 41.80	Sqm	✓ 242.30	✓ 10128.14

31	Extra for Centering and shuttering in Circular Foundations	16.02 ✓	Sqm	52.46 ✓	840.41
32	Walls	455.00 ✓	Sqm	✓ 114.77	✓ 52220.35
33	Beams (Ring Beam)	86.20 ✓	Sqm	✓ 100.57	✓ 8669.13
34	Suspended Floors	110.37 ✓	Sqm	✓ 127.12	✓ 14030.23
35	Providing and fixing of doors window CSW frames made of KD timber well seasoned free from defects knots wrottn and fixing in position with hold fast lugs etc the frames shall be delievered at site the rates quouted shall be inclusuve of all carriage lead lift and taxes	0.96 ✓	Cum	49000.00 ✓	47040.00
36	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	0.40 ✓	Cum	✓ 92065.35	✓ 36826.14
37	Providing of wood work in frames of tresses incl. ties rafters purlins and fixing with nails and joints using First class Popular wood	3.46 ✓	Cum	✓ 30000.00	✓ 103800.00
38	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	10.64 ✓	Sqm	✓ 2745.95	✓ 29216.91
39	Providing and fixing panelling or paneling and glazing in panelled or panelled nd glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	6.40 ✓	Sqm	✓ 2360.95	✓ 15110.08
40	Float glass panes 5 mm thick glass pane (weighing not less than 12.5 kg/sqm)	4.98 ✓	Sqm	✓ 2092.40	✓ 10420.15
41	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	15.44 ✓	Sqm	✓ 3338.05	✓ 51539.49

42	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	16.95	Sqm	3307.80	56067.21
43	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	104.00	No	163.05	16957.20
44	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	10.00	Cum	787.40	7874.00
45	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	33.54	Sqm	505.00	16937.70
46	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	830.56	Sqm	343.75	285505.00
47	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	521.67	Sqm	260.05	135660.28
48	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	171.34	Sqm	278.60	47735.32
49	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	20243.00	20243.00
50	Providing and fixing 125mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	15980.00	15980.00
51	Providing and fixing 100mm dia Sluice Value with with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	13164.00	26328.00
52	Providing and fixing 80mm dia Sluice Value with with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	10815.00	21630.00

53	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	85.33	Cum	198.70	16955.07
54	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia	0.50	qtl	7408.95	3704.48
55	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover	7.64	Sqm	3238.20	24739.85
56	Providing and fixing ball bearing for rolling shutters.	4.00	No	483.10	1932.40
57	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	1320.00	Kg	146.63	193551.60
58	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes	355.30	Kg	146.63	52097.64
59	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	7862.00	Kg	105.76	831485.12
60	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	4128.00	Kg	102.13	421592.64

Sonwani Lokinora IIM Rs. 143.88 Lacs

61 Pro

61	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	103.50	Kg	179.90	18619.65
62	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In-Charge made of G.I. Wire of dia 4mm.	626.58	Sqm	806.85	505556.07
63	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	13.50	Sqm	4788.25	64641.38
64	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	242.33	Sqm	1046.98	253714.66
65	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	130.67	RM	760.49	99373.23
66	Providing fixing at site eaves borading of 200 mm wide coloured incl. cost of holders, angle supports complete job	48.27	Mtr	250.00	12067.50
67	Providing and fixing of 0.5mm color GS sheets sofit boarding incl supports etc complete job	62.85	Sqm	900.00	56565.00
68	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	70.00	RM	693.90	48573.00
69	Providing and fixing 12 mm thick flat pressed 3 layer medium density particle board or graded particle board (Grade I) IS: 3087 marked, in Ceiling with necessary nails etc. complete (frame work to be paid separately) :	49.41	Sqm	880.70	43515.39
70	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.50	Cum	60102.80	30051.40

71	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	112.11	Sqm	172.40	19327.76
72	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	112.11	Sqm	149.05	16710.00
73	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	66.63	Sqm	59.35	3954.49
74	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	36.75	Sqm	59.50	2186.63
75	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	574.02	Sqm	121.95	70001.74
76	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	237.97	Sqm	91.80	21845.65
77	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm	6.00	No	292.80	1756.80
78	Providing and fixing almunium hanging floor single rubber door stopper (Anodic coating not less than grade AC 10 as per IS 1868	4.00	No	54.60	218.40
79	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 200 x 10mm	32.00	No	89.20	2854.40
80	100 x 10mm	72.00	No	57.35	4129.20
81	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete.	2.00	No	1839.60	3679.20
82	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per JS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	8.00	No	66.35	530.80
83	100mm	48.00	No	52.30	2510.40

Sonwani Lokipora JMM Rs. 143.88 Lacs

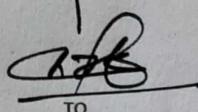
84	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	✓ 19.61	Sqm	✓ 1161.05	✓ 22768.19
85	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	✓ 1.00	No	✓ 5534.85	✓ 5534.85
86	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	✓ 1.00	No	✓ 4575.20	✓ 4575.20
87	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	✓ 1.00	No	✓ 131.15	✓ 131.15
88	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	✓ 3.00	No	✓ 436.50	✓ 1309.50
89	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	✓ 2.00	No	✓ 657.30	✓ 1314.60
90	Providing and Fixing C.P. Brass long nose bibcock 15 mm nominal bore	✓ 4.00	No	✓ 430.00	✓ 1720.00
91	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	✓ 3.00	No	✓ 536.10	✓ 1608.30
92	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-incharge	✓ 5.00	No	✓ 62.30	✓ 311.50
93	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	✓ 500.00	Ltr	✓ 11.25	✓ 5625.00

94	Providing and fixing of GI pipes complete with GI fitting and clamps incl. cutting and making good the walls etc nominal bore 15mm	18.00	Mtr	431.10	7759.80
95	Providing and fixing G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work) mm dia. nominal bore	18.00	Mtr	163.55	2943.90
96	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	2.00	No	1750.00	3500.00
97	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	9.00	RM	1750.00	15750.00
98	75mm dia	6.00	RM	1750.00	10500.00
99	Providing and fixing PVC Door Fittings complete.				0.00
100	100mm floor trap	2.00	No	500.00	1000.00
101	100mm door junction	3.00	No	350.00	1050.00
102	100mm Collar	3.00	No	175.00	525.00
103	10mm Gasket	2.00	No	200.00	400.00
104	100mm bends	2.00	No	250.00	500.00
105	80mm Door Junction	3.00	No	300.00	900.00
106	80mm floor trap	2.00	No	250.00	500.00
107	80mm bend	2.00	No	200.00	400.00
108	80mm Collar	3.00	No	150.00	450.00
109	Floor Grating	2.00	No	250.00	500.00
110	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	8.00	points	1200.00	9600.00
111	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	3.00	points	2000.00	6000.00
112	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	1.00	No	2500.00	2500.00
113	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	8.00	No	300.00	2400.00
114	Supply and fixing of Hot Water Gyer 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	1.00	No	16000.00	16000.00

Sonwani Lokipora JJM Rs. 143.88 Lacs

115	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
116	Cement and Steel 20 Km's	228.54	MT	357.64	81735.05
117	Sand avg lead to 20 km's	✓ 277.73	Cum	✓ 402.29	✓ 111728.00
118	Crushed Aggregate 20mm nominal Size 20 Kms	✓ 406.82	Cum	✓ 402.29	✓ 163659.62
119	Crushed Aggregate 40mm nominal Size 20 Kms	✓ 62.54	Cum	✓ 437.30	✓ 27348.74
120	Stone soling upto 8 kms	✓ 18.67	Cum	✓ 473.25	✓ 8835.58
121	Bricks from Bugam 110 kms	✓ 24424.00	No	✓ 3.45	✓ 84262.80
Total					✓ 14387609.47
Add Contractors Tender Appreciation @ 3.30% on All items ✓					✓ 474791.11
G. Total					✓ 14862400.00


 Checked by
 Head Draftsman
 (2)


 TO


 Executive Engineer
 PHE Jal Shakti Division Handwara

P- 6/11

	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	1255.65	Cum	198.70 ✓	249497.66
112	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)				0.00
113	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	34.77	Sqm	800.00	27816.00
114	Providing and fixing PVC pipe bends 80mm dia for air vents.			✓	0.00
115	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes				0.00
116	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia				0.00
117	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover				0.00
118	Providing and fixing ball bearing for rolling shutters.				0.00
119	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				0.00
120	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	515.60	Kg	146.63 ✓	75602.43
121	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)				0.00
122	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)				0.00
123	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia, etc. complete.	969.00	Kg	97.35 ✓	94332.15
124	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	2.16	Sqm	4788.25 ✓	10342.62

Sub Total
Kmt

31/11

GOVT. OF JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSO DIVISION HANDBARA

M/S : Mohd Ashraf Malik

S/o : Mohd Abdullah Malik

R/o : Trehgam

Regd No : SE/BC/BEE/CIVIL/SMC/112 OF 2011-12

GST No. : 01HFIPM8001MIZE

No: - PHE/Han/ 375-78

Date: 29/4/2023

Adv. Cost : - Rs 41.18 Lacs

Allotted Cost:-Rs. 4200563.99/-

Time of Completion 180 days

Sub : Construction Including Successful Testing and Commissioning of Laying and Fitting, Construction of Sedimentation Tank, Constt of SR 0.25 Lac gallon, Constt of 2 No. Shuice Chamber, Constt of CW Drain, Constt of Intake Channel/Intake Chamber, Constt of Toe wall and Constt of BW Fencing for WSS Deedad mohalla Hagnikoot under JJM.

Ref:- Your tender in response to this office E-NIT No 42 /PHE /Han of 2023 S.No.01 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023

3. Accord No.06/DSE/IH/DB/ OF 2021-22 OF 16.07.2023

4. Technical Sanction Order No. DSE/IH/DB/113 OF 04/2023 DTD. 04.04.2023

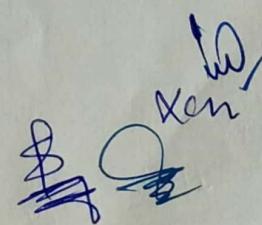
For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	15.44	Cum	436.00	6731.84
2	Ordinary Rock				0.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil				0.00
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed In all kinds of Soil	1203.75	Cum	252.05	303405.19
5	Oridanary Rock				0.00
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	266.71	Cum	188.75	50341.51
7	Oridanary Rock				0.00
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil				0.00
9	Oridanary Rock				0.00
10	Addl 2 lift All kinds of Soil				0.00
11	Oridanary Rock				0.00
12	Addl 3 lift All kinds of Soil				0.00
13	Oridanary Rock				0.00
14	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00

	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	26.62	Cum	1320.00 ✓	35138.40
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	13.30	Cum	4861.84 ✓	64662.47
17	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	18.25	Cum	5399.02 ✓	98532.12
18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	10.14	Cum	6465.20 ✓	65557.13
19	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	7.79	Cum	6978.68 ✓	54363.92
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	0.48	Cum	7801.00 ✓	3744.48
21	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level	26.76	Cum	7911.26 ✓	211705.32
22	All works above plinth level upto floor V level	46.21	Cum	9302.98	429890.71
23	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement.1:1.5:3 mix.	0.85	Cum	9408.14 ✓	7996.92
24	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.89	Cum	9849.35 ✓	48163.32
25	Reinforced cement concrete work in arches, arch ribs, domes , vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.58	Cum	10404.50 ✓	58057.11

✓ ✓ Ken

	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)				0.00
27	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level				0.00
28	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	8156.00	Kg	87.18	711040.08
29	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with: Cement mortar 1:6 (1 Cement : 6 coarse sand)				0.00
30	Excluding Cost of Stones				0.00
31	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.				0.00
32	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations	89.39	Sqm	262.30	23447.00
33	Walls	503.15	Sqm	573.85	288732.63
34	Beams	16.18	Sqm	502.85	8136.11
35	Suspended Floors	38.00	Sqm	635.60	24152.80
36	Columns	7.56	Sqm	680.15	5141.93
37	Domes exceeding 6 Mtr Span	44.64	Sqm	3095.25	138171.96
38	Edges of slabs and breaks in floors upto 200mm thick.	67.40	RM	242.30	16331.02
39	Extra for Centering and shuttering in Circular Foundations	6.32	Sqm	52.46	331.55
40	Walls	145.30	Sqm	114.77	16676.08
41	Beams (Ring Beam of SR)	16.18	Sqm	100.57	1627.22
42	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood				0.00
43	Providing and fixing panelled or panelled and glazed shutters for Doors , windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick				0.00
44	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type				0.00
45	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)				0.00
46	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.				0.00



 W/
 Ken

P- 4/11

	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick				0.00
48	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).				0.00
49	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete				0.00
50	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate				0.00
51	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	353.90	Sqm	343.75	121653.13
52	12 mm thick Cement plaster 1 : 6 (1 cement : 6 coarse sand)	7.56	Sqm	241.75	1827.63
53	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)				0.00
54	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
55	100 mm Dia G.I. Pipes				0.00
56	80 mm Dia G.I. Pipes	100.00	Mtr	73.05	7305.00
57	65mm Dia G.I. Pipes	2100.00	Mtr	73.05	153405.00
58	50mm Dia G.I. Pipes	2200.00	Mtr	40.80	89760.00
59	40mm Dia G.I. Pipes	1400.00	Mtr	40.80	57120.00
60	25mm Dia G.I. Pipe	1000.00	Mtr	30.65	30650.00
61	20mm Dia G.I. Pipe	2000.00	Mtr	20.25	40500.00
62	15mm Dia G.I. Pipes	3000.00	Mtr	20.25	60750.00
63	Providing and fixing GI Union in GI Pipe				0.00
64	15 mm nominal bore G.I Unions	200.00	No	58.00	11600.00
65	20 mm nominal bore G.I Unions	100.00	No	100.00	10000.00
66	25 mm nominal bore G.I Unions	50.00	No	130.00	6500.00
67	40 mm nominal bore G.I Unions	30.00	No	232.00	6960.00
68	50 mm nominal bore G.I Unions	20.00	No	299.00	5980.00
69	65 mm nominal bore G.I Unions	20.00	No	477.00	9540.00
70	80 mm nominal bore G.I Unions	4.00	No	551.00	2204.00
71	100 mm nominal bore G.I Unions				0.00
72	Providing and fixing gun metal gate valve with CI wheel of approved quality.				0.00
73	20 mm nominal bore	1.00	No	463.65	463.65
74	25 mm nominal bore	1.00	No	543.85	543.85
75	40 mm nominal bore	1.00	No	704.70	704.70
76	50 mm nominal bore	1.00	No	942.75	942.75
77	65 mm nominal bore	2.00	No	1568.85	3137.70

[Handwritten signatures and initials]

80 mm nominal bore	2.00	No	2406.65	4813.30
Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
80 20 mm dia G.I elbows	60.00	No	39.00	2340.00
81 25 mm dia G.I elbows	40.00	No	✓54.00	2160.00
82 40 mm dia G.I elbows	30.00	No	✓15.00	3450.00
83 50 mm dia G.I elbows	15.00	No	✓206.00	3090.00
84 65 mm dia G.I elbows	10.00	No	✓322.00	3220.00
85 80 mm dia G.I elbows	5.00	No	✓432.00	2160.00
86 20 mm to 15 mm G.I. sockets (reducing)	100.00	No	✓24.00	2400.00
87 25 mm to any smaller size G.I. sockets (reducing)	50.00	No	✓30.00	1500.00
88 40 mm to any smaller size G.I. sockets (reducing)	20.00	No	✓55.00	1100.00
89 50 mm to any smaller size G.I. sockets (reducing)	10.00	No	✓91.00	910.00
90 80-65 Reducing Socket	2.00	No	✓150.00	300.00
91 15 mm G.I. Tee (equal)	50.00	No	✓32.00	1600.00
92 20 mm G.I. Tee (equal/reducing)	180.00	No	✓54.00	9720.00
93 25 mm G.I. Tee (equal/reducing)	100.00	No	✓72.00	7200.00
94 40 mm G.I. Tee (equal/reducing)	30.00	No	✓145.00	4350.00
95 50 mm G.I. Tee (equal/reducing)	10.00	No	✓230.00	2300.00
96 65 mm G.I. Tee (equal/reducing)	5.00	No	✓300.00	1500.00
97 80 mm G.I. Tee (equal/reducing)	1.00	No	✓572.00	572.00
98 15 mm G.I Nipple of length 3", 4" and 6"	100.00	No	✓35.00	3500.00
99 20 mm G.I Nipple of length 3", 4" and 6"	50.00	No	✓46.00	2300.00
100 25 mm G.I Nipple of length 3", 4" and 6"	30.00	No	✓69.00	2070.00
101 40 mm G.I Nipple of length 3", 4" and 6"	20.00	No	✓104.00	2080.00
102 50 mm G.I Nipple of length 3", 4" and 6"	10.00	No	✓144.00	1440.00
103 Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore				0.00
104 50 to 80 mm nominal bore				0.00
105 Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 80mm dia				0.00
106 65mm dia				0.00
107 Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with anticorrosive red oxide primer and all carriages upto site of work complete.				0.00
108 Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
109 Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
110 Providing and fixing 80mm dia Sluice Value with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00

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GOVT. OF JAMMU & KASHMIR
EXECUTIVE ENGINEER JSD DIVISION HANDBARA

OFFICE

M/S : Anayat Ahmed Bark Khan
 S/o : Mohammad
 R/o : Kukroosa R/20/AAY/CIVIL & SANITARY/2019-20
 Regd No : CE/J&F/C/WEIZR
 GST No. : 01BUTTPV

No. - PHE/HP/ 303-86 Date: 29/4/2023

Adv. Cost : - Rs 124.69 Lacs
 Allotted Cost: -Rs. 12718482.15

Time of Completion 180 days

Sub : Construction Including Successful Testing and Commissioning of Laying and Fitting, Constt of Sedimentation Tank, Constt of SR 0.40 Lac Gallon, Constt of 2 Chamber, Constt of Intake Chamber Constt of Chain Link Fencing, Constt of Chowkidar Qtr and Constt of Anchor Blocks for WSS Takiya Shanu under No. Shd.

JJM : Your tender in response to this office E-NIT No 26 /PHE /Hand of 2023 S.No.02 issued under this Ref: Office No.

District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023

3. Accord No.CE/PHE/DB/JJM/ 246 OF 08/2022 DTD. 31.08.2022

4. Technical Sanction Order No.CE/PHE/DB/240 OF 08/2022 DTD. 31.08.2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	4435.94	Cum	436.00	1934069.84
2	Ordinary Rock	750.60	Cum	841.60	631704.96
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	153.30	Cum	539.35	82682.36
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed In all kinds of Soil	53.39	Cum	252.05	13456.95
5	Oridanary Rock				0.00
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	172.00	Cum	188.75	32465.00
7	Oridanary Rock				0.00
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	76.26	Cum	81.65	6226.63
9	Oridanary Rock				0.00
10	Addl 2 lift All kinds of Soil				0.00
11	Addl 3 lift All kinds of Soil				0.00
12	Addl 3 lift All kinds of Soil				0.00

✓
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13	Ordinary Rock				0.00
14	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00
15	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	✓ 85.95	Cum	1320.00 ✓ 4861.84	113454.00 230791.54
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	✓ 47.47	Cum	✓ 5399.02	323941.20
17	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	✓ 60.00	Cum	✓ 6465.20	240376.14
18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	✓ 37.18	Cum	✓ 6978.68	45291.63
19	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	✓ 6.49	Cum	✓ 7801.00	420629.92
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	✓ 53.92	Cum	✓ 0.00	
21	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-incharge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level				0.00
22	All works above plinth level upto floor V level				0.00
23	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement. 1:1.5:3 mix.	✓ 80.62	Cum	✓ 9408.14	758484.25
24	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	✓ 12.70	Cum	✓ 9849.35	125086.75

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25	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	6.97 ✓	Cum	10404.50 ✓	72519.37
26	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	17.80 ✓	Cum	6802.13 ✓	121077.91
27	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	17.80 ✓	Cum	1456.02 ✓	25917.16
28	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	17517.00 ✓	Kg	87.18 ✓	1527132.06
29	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)				0.00
30	Excluding Cost of Stones	✓		✓	0.00
31	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.	18.67 ✓	Sqm	2497.50 ✓	46628.33
32	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	204.42 ✓	Sqm	262.30 ✓	53619.37
33	Walls	865.92 ✓	Sqm	573.85 ✓	496908.19
34	Beams	22.74 ✓	Sqm	502.85 ✓	11434.81
35	Suspended Floors	78.28 ✓	Sqm	635.60 ✓	49754.77
36	Columns				0.00
37	Domes exceeding 6 Mtr Span	70.23 ✓	Sqm	3095.25 ✓	217379.41
38	Edges of slabs and breaks in floors upto 200mm thick.	18.80 ✓	RM	242.30 ✓	4555.24
39	Extra for Centering and shuttering in Circular Foundations	14.53 ✓	Sqm	52.46 ✓	762.24
40	Walls	188.27 ✓	Sqm	114.77 ✓	21607.75
41	Beams (Ring Beam of SR)	22.74 ✓	Sqm	100.57 ✓	2286.96
42	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	0.66 ✓	Cum	✓ 92065.35	60763.13
43	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. First class kail wood	6.95 ✓	Sqm	✓ 3093.80	21501.91
44	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	3.00 ✓	Sqm	✓ 2360.95	7082.85
45	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	1.50 ✓	Sqm	✓ 1768.05	2652.08

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46	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	✓ 9.65	Sqm	✓ 3338.05	32212.18
47	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick	✓ 11.40	Sqm	✓ 3307.80	37708.92
48	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	✓ 60.00	No	✓ 163.05	9783.00
49	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete				0.00
50	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	✓ 33.50	Sqm	✓ 505.00	16917.50
51	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	✓ 582.75	Sqm	✓ 343.75	200320.31
52	12 mm thick Cement plaster 1 : 4 (1 cement : 4 coarse sand)	✓ 417.53	Sqm	✓ 260.05	108578.68
53	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	✓ 150.65	Sqm	✓ 278.60	41971.09
54	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
55	100 mm Dia G.I. Pipes	✓		✓	0.00
56	80 mm Dia G.I. Pipes	✓ 300.00	Mtr	✓ 73.05	21915.00
57	65mm Dia G.I. Pipes	✓ 350.00	Mtr	✓ 73.05	25567.50
58	50mm Dia G.I. Pipes	✓ 2000.00	Mtr	✓ 40.80	81600.00
59	40mm Dia G.I. Pipes	✓ 2500.00	Mtr	✓ 40.80	102000.00
60	25mm Dia G.I. Pipe	✓ 2500.00	Mtr	✓ 30.65	76625.00
61	20mm Dia G.I. Pipe	✓ 3000.00	Mtr	✓ 20.25	60750.00
62	15mm Dia G.I. Pipes	✓ 3000.00	Mtr	✓ 20.25	60750.00
63	Providing and fixing GI Union in GI Pipe				0.00
64	15 mm nominal bore G.I Unions	✓ 100.00	No	✓ 58.00	5800.00
65	20 mm nominal bore G.I Unions	✓ 60.00	No	✓ 100.00	6000.00
66	25 mm nominal bore G.I Unions	✓ 40.00	No	✓ 130.00	5200.00
67	40 mm nominal bore G.I Unions	✓ 40.00	No	✓ 232.00	9280.00
68	50 mm nominal bore G.I Unions	✓ 30.00	No	✓ 299.00	8970.00
69	65 mm nominal bore G.I Unions	✓ 5.00	No	✓ 477.00	2385.00
70	80 mm nominal bore G.I Unions	✓ 5.00	No	✓ 551.00	2755.00
71	100 mm nominal bore G.I Unions	✓ 1.00	No	✓ 850.00	850.00
72	Providing and fixing gun metal gate valve with CI wheel of approved quality.				0.00
73	20 mm nominal bore	✓ 10.00	No	✓ 463.65	4636.50
74	25 mm nominal bore	✓ 10.00	No	✓ 543.85	5438.50
75	40 mm nominal bore	✓ 10.00	No	✓ 704.70	7047.00

15

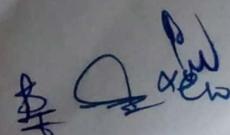
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76	50 mm nominal bore	✓ 5.00	No	942.75	4713.75
77	65 mm nominal bore	✓ 2.00	No	1568.85	3137.70
78	80 mm nominal bore	✓ 2.00	No	2406.65	4813.30
79	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
80	20 mm dia G.I elbows	✓ 20.00	No	39.00	780.00
81	25 mm dia G.I elbows	✓ 20.00	No	54.00	1080.00
82	40 mm dia G.I elbows	✓ 20.00	No	115.00	2300.00
83	50 mm dia G.I elbows	✓ 15.00	No	206.00	3090.00
84	65 mm dia G.I elbows	✓ 5.00	No	322.00	1610.00
85	80 mm dia G.I elbows	✓ 3.00	No	432.00	1296.00
86	20 mm to 15 mm G.I. sockets (reducing)	✓ 140.00	No	24.00	3360.00
87	25 mm to any smaller size G.I. sockets (reducing)	✓ 50.00	No	30.00	1500.00
88	40 mm to any smaller size G.I. sockets (reducing)	✓ 40.00	No	55.00	2200.00
89	50 mm to any smaller size G.I. sockets (reducing)	✓ 30.00	No	91.00	2730.00
90	80-65 Reducing Socket	✓ 10.00	No	150.00	1500.00
91	15 mm G.I. Tee (equal)	✓ 100.00	No	32.00	3200.00
92	20 mm G.I. Tee (equal/reducing)	✓ 100.00	No	54.00	5400.00
93	25 mm G.I. Tee (equal/reducing)	✓ 50.00	No	72.00	3600.00
94	40 mm G.I. Tee (equal/reducing)	✓ 30.00	No	145.00	4350.00
95	50 mm G.I. Tee (equal/reducing)	✓ 10.00	No	230.00	2300.00
96	65 mm G.I. Tee (equal/reducing)	✓ 5.00	No	300.00	1500.00
97	80 mm G.I. Tee (equal/reducing)	✓ 2.00	No	572.00	1144.00
98	15 mm G.I Nipple of length 3", 4" and 6"	✓ 80.00	No	35.00	2800.00
99	20 mm G.I Nipple of length 3", 4" and 6"	✓ 65.00	No	46.00	2990.00
100	25 mm G.I Nipple of length 3", 4" and 6"	✓ 50.00	No	69.00	3450.00
101	40 mm G.I Nipple of length 3", 4" and 6"	✓ 30.00	No	104.00	3120.00
102	50 mm G.I Nipple of length 3", 4" and 6"	✓ 20.00	No	144.00	2880.00
103	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc. if required will be paid separately).50 mm dia.	✓ 2.00	No	5147.15	10294.30
104	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	✓ 50.00	No	666.25	33312.50
105	50 to 80 mm nominal bore	✓ 10.00	No	1268.75	12687.50
106	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 100mm dia	✓ 42.00	Joints	1100.00	46200.00
107	80mm dia	✓ 32.00	Joints	1000.00	32000.00
108	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with anticorrosive red oxide primer and all carriages upto site of work complete.				0.00
109	Providing and fixing 150mm dia Sluice Valve with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00

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110	Providing and fixing 100mm dia Sluice Valve with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
111	Providing and fixing 80mm dia Sluice Valve with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
112	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	4613.12	cum	198.70	916626.94
113	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	1084.00	Kg	57.90	62763.60
114	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	23.00	Sqm	800.00	18400.00
115	Providing and fixing PVC pipe bends 80mm dia for air vents.				0.00
116	Laying in position centrifugally cast (spun) iron S&S or flanged pipes(excluding cost of pipe (150/125/100mm Dia D.I. Pipes)	1934.58	Qty	245.55	475036.12
117	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket. 150mm Dia				0.00
118	150mm dia D.I. Pipes	73.00	Joints	144.70	10563.10
119	125mm dia D.I. Pipes	1500.00	Joints	105.00	157500.00
120	100mm dia D.I. Pipes	125.00	Joints	89.70	11212.50
121	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia				0.00
122	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover				0.00
123	Providing and fixing ball bearing for rolling shutters.				0.00
124	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				0.00
125	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	1492.00	Kg	146.63	218771.96
126	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)	4618.00	Kg	105.76	488399.68
127	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)				0.00



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128	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete.	103.50	Kg	102.13
129	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes	192.00	Kg	174.25
130	Supplying at site Angle iron post & strut of required size Including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.			0.00
131	Providing and fixing aluminum hanging floor door stopper, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 9.103.1 Single rubber stopper	4.00	No	54.60
132	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces			0.00
133	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in charge.	356.58	Sqm	733.50
134	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.			0.00
135	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	89.60	Sqm	951.80
136	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	48.17	RM	691.35
137	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²			0.00
138	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)			0.00
139	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Popular wood.	3.46	Cum	30000.00
140	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood			0.00

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141	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	✓ 112.11	Sqm	✓ 172.40 19327.76
142	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	✓ 112.11	Sqm	✓ 149.05 16710.00
143	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	✓ 36.80	Sqm	✓ 59.50 2189.60
144	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	✓ 286.40	Sqm	✓ 121.95 34926.48
145	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works			0.00
146	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	✓ 10.35	Sqm	✓ 125.60 1299.96
147	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	✓ 66.60	Sqm	✓ 59.35 3952.71
148	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	✓ 66.60	Sqm	✓ 91.80 6113.88
149	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm			0.00
150	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 200 x 10mm	✓ 8.00	No	✓ 89.20 713.60
151	100 x 10mm	✓ 72.00	No	✓ 57.35 4129.20
152	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	✓ 8.00	No	✓ 66.35 530.80
153	100mm	✓ 36.00	No	✓ 52.30 1882.80
154	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm			0.00
155	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with:	✓ 10.50	Sqm	✓ 2171.10 22796.55

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156	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	19.60	Sqm	1161.05	22756.58
157	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe				0.00
158	2025 (25mm OD) pipe				0.00
159	Providing and fixing PPR Unions PPR Union 20mm				0.00
160	PPR Union 25mm				0.00
161	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.:Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia. nominal bore	18.00	RM	431.10	7759.80
162	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.:Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia. nominal bore (Medium)	18.00	RM	163.55	2943.90
163	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes				0.00
164	Supplying, Providing, assembling, Fabricating, covering and fixing in vertical position in Dug Well Mud Steel tubular Stening having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as per direction of Engineer-In- Charge				0.00
165	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete				0.00



 [Signature]

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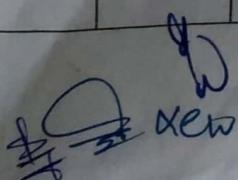
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166	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00 ✓	No	5534.85 ✓	5534.85
167	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00 ✓	No	4575.20 ✓	4575.20
168	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia				0.00
169	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete	4.00 ✓	No	1839.60 ✓	7358.40
170	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00 ✓	No	436.50 ✓	1309.50
171	Providing and fixing 15 mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms	4.00 ✓	No	624.30 ✓	2497.20
172	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg				0.00
173	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	1.00 ✓	No	657.30 ✓	657.30
174	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931				0.00
175	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge				0.00
176	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00 ✓	Ltr	11.25 ✓	5625.00
177	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5				0.00
178	Providing and fixing C.I manhole Cover 0.45 x 0.45m size				0.00
179	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	✓	RM	300.00 ✓	2700.00



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180	75mm dia	6.00	RM	250.00	✓ 1500.00
181	Providing and fixing PVC Door Fittings complete.	✓ 1.00	No	300.00	✓ 300.00
182	100mm floor trap	✓ 1.00	No	500.00	✓ 500.00
183	100mm door junction	✓ 1.00	No	350.00	✓ 350.00
184	100mm Collar	✓ 1.00	No	175.00	✓ 175.00
185	10mm Gasket	✓ 1.00	No	200.00	✓ 200.00
186	100mm bends	✓ 1.00	No	250.00	✓ 250.00
187	80mm Door Junction	✓ 1.00	No	300.00	✓ 300.00
188	80mm floor trap	✓ 1.00	No	250.00	✓ 250.00
189	80mm bend	✓ 1.00	No	200.00	✓ 200.00
190	80mm Collar	✓ 1.00	No	150.00	✓ 150.00
191	Floor Grating	✓ 1.00	No	250.00	✓ 250.00
192	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete				0.00
193	Providing Heating Points; Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources inclusing Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete				0.00
194	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")				0.00
195	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .				0.00
196	Supply and fixing of Hot Water Gysers 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.				0.00
197	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.				0.00
198	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00
199	53 mm to 22.4 mm				0.00
200	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)				0.00
201	Supplying and stacking at site Good Earth				0.00
202	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
203	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00



✓ New

✓✓✓

204	Cement and Steel 20 Km's	✓ 40.71	MT	356.60	✓ 14517.19
205	Cement and Steel 5 Km's	✓ 102.29	MT	183.36	✓ 18755.89
206	Sand and 20mm crushed aggregate 15 km's	✓ 293.43	Cum	341.57 ✓	✓ 100226.89
207	Sand and 20mm crushed aggregate 5 km's	✓ 60.62	Cum	341.57 ✓	✓ 20705.97
208	Crushed Aggregate 40mm nominal Size 15 Kms	✓ 66.53	Cum	371.29 ✓	✓ 24701.92
209	Bricks 110 Km's	✓ 8436.00	No	3.45 ✓	✓ 29104.20
210	G.I Pipes below 100mm dia 15 Km's from Div. Store	✓ 35.11	MT	303.65 ✓	✓ 10661.15
211	150mm dia DI Pipes 15 Km's from Div. Store	✓ 400.00	Mtrs	12.44 ✓	✓ 4976.00
212	125mm dia DI Pipes 15 Km's from Div. Store	✓ 8600.00	Mtrs	9.97 ✓	✓ 85742.00
213	100mm dia DI/GI Pipes 15 Km's from Div. Store	✓ 1000.00	Mtrs	7.46 ✓	✓ 7460.00
214	Stones for avg lead 15 Km's	✓ 18.67	Cum	401.83 ✓	✓ 7502.17
215	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 200 mtrs including loading unloading and stacking complete.				0.00
216	Cement	✓ 32.41	MT	175.08 ✓	✓ 5674.34
217	Steel	✓ 8.31	MT	376.05 ✓	✓ 3124.98
218	Sand and 20mm Crushed agg	✓ 100.48	Cum	347.00 ✓	✓ 34866.56
219	40mm crushed aggregate	✓ 13.66	Cum	375.13 ✓	✓ 5124.28
220	G.I Pipes below 100mm dia 200 Mtrs avg Lead.	✓ 35.11	MT	220.73 ✓	✓ 7749.83
221	150mm dia DI for a length of 350 mtrs avg	✓ 400.00	Mtrs	10.97 ✓	✓ 4388.00
222	125mm dia DI for 1000 Mtrs length Avg	✓ 8600.00	Mtrs	19.19 ✓	✓ 165034.00
223	100mm dia DI/GI avg 200 Mtrs	✓ 1000.00	Mtrs	5.97 ✓	✓ 5970.00
	Total				12469100.14
	Add Contractors Tender Appreciation @ 2% on All items				249382.00
	G. Total				12718482.15

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

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GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSO DIVISION HANDBARA

DS : Mohd Ashraf Malik
 To : Mohd Abdullah Malik
 A/o : Trehgam
 Regd No : SE/BC/BEE/CIVIL/SMC/112 OF 2011-12
 GST No : 01HIFPM8001MIZE
 No. - PHE/Hand/ 375-78

Date: 29/4/2023

Adv. Cost : - Rs 41.18 Lacs

Allotted Cost: -Rs. 4200563.99/-

Time of Completion 180 days

Sub : Construction Including Successful Testing and Commissioning of Laying and Fitting, Construction of Sedimentation Tank, Constt of SR 0.25 Lac gallon, Constt of 2 No. Sluice Chamber, Constt of CW Drain, Constt of intake Channel/Intake Chamber, Constt of Toe wall and Constt of BW Fencing for WSS Deedad mohalla Hagnikoot under JJM

Ref:- Your tender in response to this office E-NIT No 42 /PHE /Hand of 2023 S.No.01 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/367-85 DTD. 24.04.2023

3. Accord No.06/DSE/HI/DB/ OF 2021-22 OF 16.07.2023

4. Technical Sanction Order No. DSE/HLDB/113 OF 04/2023 DTD. 04.04.2023

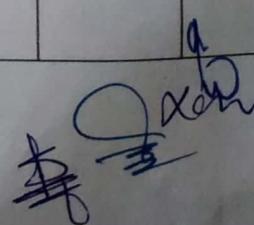
For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SLN No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:- All kinds of Soil	15.44	Cum	436.00	6731.84
2	Ordinary Rock				0.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil				0.00
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	1203.75	Cum	252.05	303405.19
5	Oridanary Rock				0.00
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	266.71	Cum	188.75	50341.51
7	Oridanary Rock				0.00
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil				0.00
9	Oridanary Rock				0.00
10	Addl 2 lift All kinds of Soil				0.00
11	Oridanary Rock				0.00
12	Addl 3 lift All kinds of Soil				0.00
13	Oridanary Rock				0.00
14	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00

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5	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	26.62	Cum	1320.00	35138.40
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	13.30	Cum	4861.84	64662.47
17	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	18.25	Cum	5399.02	98532.12
18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	10.14	Cum	6465.20	65557.13
19	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	7.79	Cum	6978.68	54363.92
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	0.48	Cum	7801.00	3744.48
21	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level	26.76	Cum	7911.26	211705.32
22	All works above plinth level upto floor V level	46.21	Cum	9302.98	429890.71
23	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.1:1.5:3 mix.	0.85	Cum	9408.14	7996.92
24	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.89	Cum	9849.35	48163.32
25	Reinforced cement concrete work in arches, arch ribs, domes , vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.58	Cum	10404.50	58057.11

6	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)				0.00
27	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level				0.00
28	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	8156.00	Kg	87.18	711040.08
29	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level andcuring complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)				0.00
30	Excluding Cost of Stones				0.00
31	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.				0.00
32	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	89.39	Sqm	262.30	23447.00
33	Walls	503.15	Sqm	573.85	288732.63
34	Beams	16.18	Sqm	502.85	8136.11
35	Suspended Floors	38.00	Sqm	635.60	24152.80
36	Columns	7.56	Sqm	680.15	5141.93
37	Domes exceeding 6 Mtr Span	44.64	Sqm	3095.25	138171.96
38	Edges of slabs and breaks in floors upto 200mm thick.	67.40	RM	242.30	16331.02
39	Extra for Centering and shuttering in Circular Foundations	6.32	Sqm	52.46	331.55
40	Walls	145.30	Sqm	114.77	16676.08
41	Beams (Ring Beam of SR)	16.18	Sqm	100.57	1627.22
42	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood				0.00
43	Providing and fixing panelled or panelled and glazed shutters for Doors , windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick				0.00
44	Providing and fixing panelling or panelling and glazing in panelled or panelled nd glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type				0.00
45	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)				0.00
46	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.				0.00



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7	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge Second kail wood 35mm thick				0.00
48	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).				0.00
49	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete				0.00
50	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate				0.00
51	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	353.90	Sqm	343.75	121653.13
52	12 mm thick Cement plaster 1 : 6 (1 cement : 6 coarse sand)	7.56	Sqm	241.75	1827.63
53	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)				0.00
54	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
55	100 mm Dia G.I. Pipes				0.00
56	80 mm Dia G.I. Pipes	100.00	Mtr	73.05	7305.00
57	65mm Dia G.I. Pipes	2100.00	Mtr	73.05	153405.00
58	50mm Dia G.I. Pipes	2200.00	Mtr	40.80	89760.00
59	40mm Dia G.I. Pipes	1400.00	Mtr	40.80	57120.00
60	25mm Dia G.I. Pipe	1000.00	Mtr	30.65	30650.00
61	20mm Dia G.I. Pipe	2000.00	Mtr	20.25	40500.00
62	15mm Dia G.I. Pipes	3000.00	Mtr	20.25	60750.00
63	Providing and fixing GI Union in GI Pipe				0.00
64	15 mm nominal bore G.I Unions	200.00	No	58.00	11600.00
65	20 mm nominal bore G.I Unions	100.00	No	100.00	10000.00
66	25 mm nominal bore G.I Unions	50.00	No	130.00	6500.00
67	40 mm nominal bore G.I Unions	30.00	No	232.00	6960.00
68	50 mm nominal bore G.I Unions	20.00	No	299.00	5980.00
69	65 mm nominal bore G.I Unions	20.00	No	477.00	9540.00
70	80 mm nominal bore G.I Unions	4.00	No	551.00	2204.00
71	100 mm nominal bore G.I Unions				0.00
72	Providing and fixing gun metel gate value with CI wheel of approved quality.				0.00
73	20 mm nominal bore	1.00	No	463.65	463.65
74	25 mm nominal bore	1.00	No	543.85	543.85
75	40 mm nominal bore	1.00	No	704.70	704.70
76	50 mm nominal bore	1.00	No	942.75	942.75
77	65 mm nominal bore	2.00	No	1568.85	3137.70

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78	80 mm nominal bore	2.00	No	2406.65	4813.30
79	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
80	20 mm dia G.I. elbows	60.00	No	39.00	2340.00
81	25 mm dia G.I. elbows	40.00	No	54.00	2160.00
82	30 mm dia G.I. elbows	30.00	No	115.00	3450.00
83	35 mm dia G.I. elbows	15.00	No	206.00	3090.00
84	45 mm dia G.I. elbows	10.00	No	322.00	3220.00
85	50 mm dia G.I. elbows	5.00	No	432.00	2160.00
86	20 mm to 15 mm G.I. sockets (reducing)	100.00	No	24.00	2400.00
87	25 mm to any smaller size G.I. sockets (reducing)	50.00	No	30.00	1500.00
88	40 mm to any smaller size G.I. sockets (reducing)	20.00	No	55.00	1100.00
89	50 mm to any smaller size G.I. sockets (reducing)	10.00	No	91.00	910.00
90	80-65 Reducing Socket	2.00	No	150.00	300.00
91	15 mm G.I. Tee (equal)	50.00	No	32.00	1600.00
92	20 mm G.I. Tee (equal/reducing)	180.00	No	54.00	9720.00
93	25 mm G.I. Tee (equal/reducing)	100.00	No	72.00	7200.00
94	40 mm G.I. Tee (equal/reducing)	30.00	No	145.00	4350.00
95	50 mm G.I. Tee (equal/reducing)	10.00	No	230.00	2300.00
96	65 mm G.I. Tee (equal/reducing)	5.00	No	300.00	1500.00
97	80 mm G.I. Tee (equal/reducing)	1.00	No	572.00	572.00
98	15 mm G.I. Nipple of length 3", 4" and 6"	100.00	No	35.00	3500.00
99	20 mm G.I. Nipple of length 3", 4" and 6"	50.00	No	46.00	2300.00
100	25 mm G.I. Nipple of length 3", 4" and 6"	30.00	No	69.00	2070.00
101	40 mm G.I. Nipple of length 3", 4" and 6"	20.00	No	104.00	2080.00
102	50 mm G.I. Nipple of length 3", 4" and 6"	10.00	No	144.00	1440.00
103	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore				0.00
104	50 to 80 mm nominal bore				0.00
105	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 80mm dia				0.00
106	65mm dia				0.00
107	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with anticorrosive red oxide primer and all carriages upto site of work complete.				0.00
108	Providing and fixing 150mm dia Sluice Valve with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
109	Providing and fixing 100mm dia Sluice Valve with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
110	Providing and fixing 80mm dia Sluice Valve with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00

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111	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	1255.65	Cum	198.70	249497.66
112	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)				0.00
113	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	34.77	Sqm	800.00	27816.00
114	Providing and fixing PVC pipe bends 80mm dia for air vents.				0.00
115	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes				0.00
116	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia				0.00
117	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover				0.00
118	Providing and fixing ball bearing for rolling shutters.				0.00
119	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				0.00
120	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	515.60	Kg	146.63	75602.43
121	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)				0.00
122	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)				0.00
123	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	969.00	Kg	97.35	94332.15
124	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6mm for diagonal braces	2.16	Sqm	4788.25	10342.62

[Handwritten signatures]

125	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire	1719.00	RM	19.10	32832.90
126	Providing hoisting and fixing trusses/purlins /rafters/posts/post-plates or like components including cost of screws etc. complete First class Budloo wood.				0.00
127	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²				0.00
128	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.				0.00
129	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²				0.00
130	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)				0.00
131	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood				0.00
132	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood				0.00
133	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick				0.00
134	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer				0.00
135	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)				0.00
136	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.				0.00
137	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works				0.00



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138	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90 litre/10sqm over an under coat of primer applied @ 0.80 litre/10sqm of approved brand and manufacture			0.00
139	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)			0.00
140	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm			0.00
141	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm			0.00
142	100 x 10mm			0.00
143	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm			0.00
144	100mm			0.00
145	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm			0.00
146	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete			0.00
147	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge; Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe			0.00
148	2025 (25mm OD) pipe			0.00
149	Providing and fixing PPR Unions PPR Union 20mm			0.00
150	PPR Union 25mm			0.00

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151	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes			0.00
152	Supplying, Providing, assembling, Fabricating, covering and fixing in vertical position in Dug Well Mud Steel tubular Stenting having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as perv direction of Engineer-In- Charge			0.00
153	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete			0.00
154	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) confirming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.			0.00
155	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm			0.00
156	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia			0.00
157	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931			0.00
158	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make wheighing not less than 1.97 Kg			0.00
159	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931			0.00
160	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931			0.00
161	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-incharge			0.00
162	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank			0.00

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P- 10/11

163	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5				0.00
164	Providing and fixing C.I manhole Cover 0.45 x 0.45m size				0.00
165	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia				0.00
166	75mm dia				0.00
167	Providing and fixing PVC Door Fittings complete.				0.00
168	100mm floor trap				0.00
169	100mm door junction				0.00
170	100mm Collar				0.00
171	10mm Gasket				0.00
172	100mm bends				0.00
173	80mm Door Junction				0.00
174	80mm floor trap				0.00
175	80mm bend				0.00
176	80mm Collar				0.00
177	Floor Grating				0.00
178	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp} including Switches, indicators, MCB's and all connected items etc complete				0.00
179	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources inclding Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete				0.00
180	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")				0.00
181	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .				0.00
182	Supply and fixing of Hot Water Gyer 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.				0.00

183	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.				0.00
184	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00
185	53 mm to 22.4 mm				0.00
186	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)				0.00
187	Supplying and stacking at site Good Earth				0.00
188	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
189	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
190	Cement and Steel 20 Km's	66.47	MT	356.60	23703.20
191	Sand and 20mm crushed aggregate 22 km's	158.75	Cum	402.29	63863.54
192	Crushed Aggregate 40mm nominal Size 30 Kms				0.00
193	Bricks 110 Km's				0.00
194	G.I Pipes below 100mm dia 20 Km's from Div. Store	34.01	MT	356.60	12127.97
195	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 500 mtrs including loading unloading and stacking complete.				0.00
196	Cement	55.77	MT	282.10	15732.72
197	Steel	20.29	MT	605.96	12294.93
198	Sand and 20mm Crushed agg	206.46	Cum	621.21	128255.02
199	40mm crushed aggregate				0.00
200	G.I Pipes below 100mm dia	34.01	MT	355.70	12097.36
Total					
Add Contractors Tender Appreciation @ 2% on All items					
G. Total					

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDBARA

Mohammad Bhat

Rasool Bhat

Jammu

No. 225/SE/HYD/BEE/HAND/2002-03

No.01AJZPB2423Q1Z0

PHE/Hand/ 50-53

Date:- 4/8/2023

Adv. Cost :- Rs 48.49 Lacs

Allotted Cost:-Rs. 5043941.00/-

Time of Completion ____ days

Construction Including Successful Testing and Commissioning of 1.25 Lac Gallon SR, for WSS Sanzipora Mawer Under JJM.

Your tender in response to this office E-NIT No 37/PHE /Hand of 02/2023 S.No.17 issued under this

Office No.

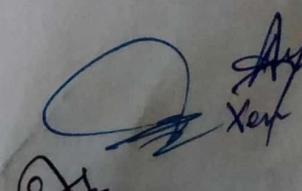
2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/14446-48 dated.20-03-2023

3. Accord No.CE/PHE/DB/JJM/ 259 OF 08/2022 Dated:- 07-09-2022

4. Technical Sanction Order No.CE/PHE/DB/652 of 09/2022 Dated:-17-09-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SLN No.	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. (All kinds of soil)	1464.60	Cum	188.75	276443.25
2	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				0.00
3	All kinds of soil :	608.34	Cum	81.65	49670.96
4	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				0.00
5	All kinds of soil :				0.00
6	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	43.81	Cum	1320.00	57829.20
7	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				0.00
8	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	32.86	Cum	4861.84	159760.06
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				0.00
10	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	10.18	Cum	9849.35	100266.38



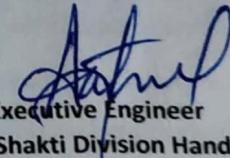
13

Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				0.00
1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size	18.14	Cum	10404.52	188737.99
Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-incharge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately. All works upto plinth level	120.47	Cum	7911.26	953069.49
Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. 5.35.1 Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	120.47	Cum	111.87	13476.98
Centering and shuttering including strutting, propping etc. and removal of form for:				0.00
Foundations, footings, bases of columns etc. for mass concrete.	23.42	sqm	262.30	6143.07
Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	375.48	sqm	573.85	215469.20
Suspended floors, roofs, landings, balconies and access platforms.				0.00
Lintel, beams, plinth beams, girders, bressumers and cantilevers.	49.76	sqm	502.85	25021.82
Arches, domes, vaults upto 6 m span	182.57	sqm	2086.80	380987.08
Extra for shuttering in circular work (20% of respective centering and Shuttering items)				0.00
foundation	23.42	sqm	52.46	1228.61
Walls	375.48	sqm	114.77	43093.84
beam	49.76	sqm	100.57	5004.36
Extra for domes having span more than span 6mn	182.57	m	1008.45	184112.72
Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	1470.00	kgs	57.90	85113.00
Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				0.00
Thermo-Mechanically Treated bars of grade Fe-500D or more.	19343.00	Kg	87.18	1686322.74
Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	330.00	Kg	91.03	30039.90



mm Cement plaster finished with a floating coat of cement of mix:				0.00
3 (1 cement : 3 fine sand)	343.89	sqm	343.75	118212.19
mm Cement plaster				0.00
4 (1 cement : 4 fine sand)	318.29	sqm	260.05	82771.31
Providing and incorporating during concreting PGI Sheet strip 1.2mm nominal think at construction joints	27.12	Sqm	650.00	17628.00
Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	318.29	sqm	91.80	29219.02
Applying priming coat:				0.00
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND:				0.00
10 km	90.35	Cum	280.85	25374.80
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				0.00
12 km	133.91	Cum	305.14	40861.30
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				0.00
12 km	29.57	Cum	331.68	9807.78
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				0.00
08Km	43.81	Cum	295.09	12927.89
17 km	119.31	Tonne	430.40	51351.02
Total				4849943.96
Add Contractors Tender Appreciation @ 4% on All items				193997.76
G. Total				5043941.00

Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSO DIVISION HANDBARA

M/S : Gh Mohammad Mir
 S/o : Ab Samad Mir
 R/o : Sheikhpora
 Regd No : 279/BK/SE-PWD/DEE/2021-22
 GST No. : AA011221159883H

No: - PHE/Hand/ 3913-16

Date: 25/3/2023

Adv. Cost : - Rs 45.90 Lacs

Allotted Cost: - Rs. 4668647.00/-

Time of Completion /180 days

Sub : Laying and fitting Including Successful Testing and Commissioning of Intake Main, Supply mains, Pipe Distribution Network, and Construction Including Successful Testing Commissioning of 0.16 Lac Gallons S.R, Pre settling Tank, Intake Chamber & Channel, Sluice Chamber, and Barbed Wire Fencing for WSS Darbal Under JJM

Ref:- Your tender in response to this office E-NIT No 37./PHE /Hand of 02/2023 S.No.08 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Ptg/MoM/14446-48 dated.20-03-2023
3. Accord No. 23/DSE/HII/DB of 2022-23 of 21.09.2022.
4. Technical Sanction Order No.....

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

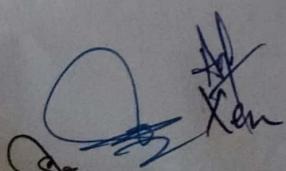
SL.N O	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
2	All kinds of soil :	682.94	Cum	436.00	297761.84
3	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				
4	All kinds of soil :	828.72	Cum	252.05	208878.88

	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. (All kinds of soil)	404.59	Cum	188.75	
5					0.00
6	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
7	All kinds of soil :	6.13	Cum	81.65	500.51
8	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	1478.01	Cum	198.70	293680.59
9	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	23.31	Cum	1320.00	30769.20
10	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
11	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 40mm nominal size)	8.64	Cum	7287.28	62962.10
12	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	2.27	Cum	6465.20	14676.00
13	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	14.47	Cum	4861.84	70350.82
14	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				0.00

15	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1.68	Cum	6978.68	11724.18
16	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	39.40	Cum	7800.76	307349.94
17	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				0.00
18	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	52.84	Cum	9408.14	497126.12
19	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				0.00
20	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	6.82	Cum	9849.35	67172.57
21	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				0.00
22	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.10	Cum	10404.52	42658.53
23	Centering and shuttering including strutting, propping etc. and removal of form for:				0.00
24	Foundations, footings, bases of columns etc. for mass concrete.	62.45	sqm	262.30	16380.64

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25	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	543.85	sqm	573.85	312088.32
26	Suspended floors, roofs, landings, balconies and access platforms.	4.00	sqm	635.60	2542.40
27	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	13.92	sqm	502.85	6999.67
28	Arches, domes, vaults upto 6 m span	32.80	sqm	2086.80	68447.04
29	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				0.00
30	foundation	6.97	sqm	52.46	365.65
31	Walls	124.66	sqm	114.77	14307.23
32	beam	13.92	sqm	100.57	1399.93
33	Dome (not applicable)	0.00	sqm	0.00	0.00
34	Edges of slabs and breaks in floors and walls	9.40	m	242.30	2277.62
35	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	333.00	kgs	57.90	19280.70
36	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				0.00
37	Thermo-Mechanically Treated bars of grade Fe-500D or more.	10076.00	Kg	87.18	878425.68
38	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1123.25	Kg	91.03	102249.45



39	Providing & fixing of MS fittings viz bends of suitable degree, tees, collars etc to be fabricated from 6mm Nominal Size MS plate as per the requirement of site including cost of welding. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job.	189.00	Kg	147.82	27937.98
40	12mm Cement plaster finished with a floating coat of neat cement of mix:				0.00
41	1 : 3 (1 cement : 3 fine sand)	242.51	Sqm	343.75	83362.81
42	12mm Cement plaster				0.00
43	1 : 4 (1 cement : 4 fine sand)	196.40	Sqm	325.45	63918.38
44	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	44.55	Sqm	800.00	35640.00
46	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				0.00
47	15 mm dia. nominal bore	2300.00	m	20.25	46575.00
48	20 mm dia. nominal bore	2000.00	m	20.25	40500.00
49	25 mm dia. nominal bore	1500.00	m	30.65	45975.00
50	40 mm dia. nominal bore	900.00	m	40.80	36720.00
51	50 mm dia. nominal bore	800.00	m	40.80	32640.00
52	65 mm dia. nominal bore	1450.00	m	73.05	105922.50
53	80 mm dia. nominal bore	1900.00	m	73.05	138795.00
54	100 mm dia. nominal bore	100.00	m	107.70	10770.00

A handwritten signature in blue ink, appearing to read 'John Xehn'. Below the signature is a blue oval containing the letters 'S' and 'X'.

		1720.00	M	19.10	
55	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire				
56	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete	504.00	Kg	88.50	44604.00
57	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Sand:				0.00
58	22 km	54.36	Cum	422.17	22949.16
59	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				0.00
60	22 km	90.80	Cum	422.17	38333.04
61	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				0.00
62	22 km	12.26	Cum	331.68	4066.40
63	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				0.00
64	22km	23.31	Cum	496.64	11576.68
65	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				0.00

66	24 km	69.04	Tonne	392.97	27130.65
67	Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				0.00
68	20 km	36.15	MT	357.64	12928.69
69	Carriage of materials by manual means including loading, unloading, stacking of materials- (Sand) and 20mm aggregate				0.00
70	600m	33.93	Cum	712.61	24178.86
71	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate 40mm and Above				0.00
72	600m	2.50	Cum	770.36	1925.90
73	Carriage of materials by manual means including loading, unloading, stacking of materials- Stone Soling				0.00
74	600m	2.33	Cum	838.33	1953.31
75	Carriage of materials by manual means including loading, unloading, stacking of materials- Cement				0.00
76	600m	11.65	Tonne	400.68	4667.92
77	Carriage of materials by manual means including loading, unloading, stacking of materials- Steel				0.00
78	600m	1.45	Tonne	682.59	989.76
79	Carriage of materials by manual means including loading, unloading, stacking of materials- GI pipes				0.00
80	400m	13.00	Tonne	400.68	5208.84
81	Provision for pipe specials as per site Engineer	1.00	Job	233000.00	233000.00
	Total				4577105.86
	Add Contractors Tender Appreciation @ 2% on All items				91542.12
	G. Total				4668647.00

Checked by
Head Draftsman

Afnil
Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Mohd Usama Mir
 S/o : KH Ali Mohd Mir
 R/o : Gulshapora Tral Pulwama
 Regd No : SE/HYD/AAY/SOPORE/140/2004-05
 GST No : 0ADHPU5126H1ZP
 No: PHE/Hand/ 3921-24 Date:- 25/3/2023

Adv. Cost :- Rs 78.30 Lacs

Allotted Cost:-Rs.7977313.00/-

Time of Completion _____ days

Sub : L/F of Pipes, Construction of 20000 Gallons capacity Service Reservoir, Sluice Chamber, Catch water drain, Chowkidar Quarter, Barbed Wire fencing , Toe Wall, Pump House Cum Operator Qtr for Kashmiri Migrants at Natnoosa (UnderJJM)

Ref:- Your tender in response to this office E-NIT No 39 /PHE /Hand of 02/2023 S.No.1 issued under this Office No.3244-53 of 10.02.2023.

2. District Development Commissioner Kupwara's authorization No. . DDCK/Plg/MoM/14446-48 dated.20-03-2023

3. Accord No.CE/PHE/DB/JJM/330 OF 02/2023 Dtd. 09.02.2023

4. Technical Sanction Order No.CE/PHE/DB/88 OF 03/2023 Dtd. 02.03.2023.

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SL.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	542.11	Cum	436.00	236359.96
2	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	251.52	Cum	841.60	211679.23
3	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge, in all kinds of Soil	116.75	Cum	188.75	22036.56
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	4.46	Cum	81.65	364.16
5	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and incl carriages manual/mechanical with all leads and lifts complete	45.01	Cum	1320.00	59413.20
6	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	20.54	Cum	4861.84	99862.19
7	Providing and laying in position cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 40mm nominal size)	44.53	Cum	5399.02	240418.36
8	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: ((1:2:4 1 Cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	25.65	Cum	6465.20	165832.38
9	Providing and laying in position Reinforced cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	34.57	Cum	6978.68	241252.97
10	Providing and laying in position Reinforced cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)				

	3/10				
11	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.	16.82	Cum	7911.26	133067.39
12	All works above plinth level upto floor V level	18.68	Cum	9302.98	173779.67
13	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement 1:1.5:3 mix.	1.34	Cum	9408.14	12606.91
14	Reinforced cement concrete work in suspended floors, roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	13.71	Cum	9849.35	135034.59
15	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.58	Cum	10404.50	58057.11
16	Providing and laying in position specified grade of plain cement concrete excl. cost of centring, shuttering, finishing – All work upto plinth level: (M20 grade with 20 mm nominal size crushed aggregates)	4.09	Cum	7287.28	29804.98
17	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	32.63	Cum	6802.13	221953.50
18	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	32.63	Cum	1456.02	47509.93
19	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	8185.92	Kg	87.18	713648.51
20	Centering and shuttering including strutting, propping etc. and removal of form for Foundations	324.94	Sqm	262.30	85231.76
21	Walls	231.14	Sqm	573.85	132639.69
22	Beams	18.32	Sqm	502.85	9212.21
23	Suspended Floors	115.58	Sqm	635.60	73462.65
24	Columns	7.56	Sqm	680.15	5141.93
25	Domes incld extra for exceeding 6 Mtr Span	44.64	Sqm	3095.25	138171.96
26	Edges of slabs and breaks in floors upto 200mm thick.	17.25	RM	242.30	4179.68
27	Extra for Centering and shuttering in Circular Foundations	7.96	Sqm	52.46	417.58
28	Walls	145.30	Sqm	114.77	16676.08
29	Beams	16.18	Sqm	100.57	1627.22
30	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	2.09	Cum	92065.35	192416.58
31	Providing and fixing panelled or panelled and glazed shutters for Doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	14.39	Sqm	2745.95	39514.22
32	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type				
33	Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	8.63	Sqm	2360.65	20372.41
34	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	4.36	Sqm	1768.05	7708.70

35	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick	14.26	Sqm	3338.05	47600.59
36	Providing and fixing wire gauze shutters using galvanized M.S.	20.34	Sqm	3307.80	67280.65
37	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	1661.10	Kg	88.50	147007.35
38	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs, and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	63.00	No	163.05	10272.15
39	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives. 13.94.1 New work (Two or more coats applied @ 1.43 litre/10 sqm. Over & including priming coat of exterior primer applied @ 0.90 litre/10 sqm	166.39	Sqm	149.40	24858.67
40	Finishing with Deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers' specifications: Painting wood work with deluxe multi surface paint of required shade. Two or more coats applied @ 0.90 litre/10sqm over an under coat of primer applied @ 0.75 litre/10sqm of approved brand and manufacturer	100.00	Sqm	125.50	12550.00
41	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	53.46	Sqm	91.80	4907.63
42	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	8.91	Cum	787.40	7015.73
43	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete. 50 mm thick with 20mm nominal size stone aggregate	66.05	Sqm	555.50	36690.78
44	12 mm thick Cement plaster 1: 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	323.06	Sqm	343.75	111051.88
45	12mm Cement plaster of mix: 1: 4 (1 cement : 4 coarse sand)	201.99	Sqm	260.05	52527.50
46	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	222.52	Sqm	278.60	61994.07
47	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work complete excluding cost of pipes and earth work.				
48	80 mm Dia G.I. Pipes	100.00	Mtr	73.05	7305.00
49	65mm Dia G.I. Pipes	100.00	Mtr	73.05	7305.00
50	50mm Dia G.I. Pipes	1200.00	Mtr	40.80	48960.00
51	40mm Dia G.I. Pipes	1000.00	Mtr	40.80	40800.00
52	25mm Dia G.I. Pipe	1000.00	Mtr	30.65	30650.00
53	20mm Dia G.I. Pipe	1000.00	Mtr	20.25	20250.00
54	15mm Dia G.I. Pipes	1000.00	Mtr	20.25	20250.00
55	Providing and fixing gun metal gate valve with CI wheel of approved quality.				
56	20 mm nominal bore	30.00	No	463.65	13909.50
57	25 mm nominal bore	30.00	No	543.85	16315.50
58	40 mm nominal bore	20.00	No	704.70	14094.00
59	50 mm nominal bore	15.00	No	942.75	14141.25
60	65 mm nominal bore	10.00	No	1568.85	15688.50
61	80 mm nominal bore	5.00	No	2406.65	12033.25
62	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	10.00	No	666.25	6662.50

63	50 to 80 mm nominal bore	4.00	No	1268.75	5075.00
64	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-Viz- Requirement at Site)				
65	15 mm nominal bore GI Unions	150.00	No	141.00	21150.00
66	20 mm nominal bore GI Unions	50.00	No	235.00	11750.00
67	25 mm nominal bore GI Unions	30.00	No	315.00	9450.00
68	40 mm nominal bore GI Unions	20.00	No	500.00	10000.00
69	50 mm nominal bore GI Unions	10.00	No	656.00	6560.00
70	65 mm nominal bore GI Unions	10.00	No	1031.00	10310.00
71	80 mm nominal bore GI Unions	5.00	No	1572.00	7860.00
72	15 mm dia GI elbows	200.00	No	49.00	9800.00
73	20 mm dia GI elbows	100.00	No	94.00	9400.00
74	25 mm dia GI elbows	50.00	No	123.00	6150.00
75	40 mm dia GI elbows	30.00	No	235.00	7050.00
76	50 mm dia GI elbows	30.00	No	428.00	12840.00
77	65 mm dia GI elbows	10.00	No	677.00	6770.00
78	80 mm dia GI elbows	5.00	No	913.00	4565.00
79	20 mm to 15 mm GI. sockets (reducing)	200.00	No	24.00	4800.00
80	25 mm to any smaller size GI. sockets (reducing)	100.00	No	30.00	3000.00
81	40 mm to any smaller size GI. sockets (reducing)	50.00	No	55.00	2750.00
82	50 mm to any smaller size GI. sockets (reducing)	20.00	No	91.00	1820.00
83	80-65 Reducing Socket	10.00	No	150.00	1500.00
84	15 mm GI. Tee (equal)	200.00	No	32.00	6400.00
85	20 mm GI. Tee (equal/reducing)	100.00	No	54.00	5400.00
86	25 mm GI. Tee (equal/reducing)	50.00	No	72.00	3600.00
87	40 mm GI. Tee (equal/reducing)	40.00	No	145.00	5800.00
88	50 mm GI. Tee (equal/reducing)	30.00	No	230.00	6900.00
89	65 mm GI. Tee (equal/reducing)	10.00	No	300.00	3000.00
90	80 mm GI. Tee (equal/reducing)	5.00	No	572.00	2840.00
91	15 mm GI. Nipple of length 3", 4" and 6"	200.00	No	35.00	7000.00
92	20 mm GI. Nipple of length 3", 4" and 6"	50.00	No	46.00	2300.00
93	25 mm GI. Nipple of length 3", 4" and 6"	40.00	No	69.00	2760.00
94	40 mm GI. Nipple of length 3", 4" and 6"	20.00	No	104.00	2080.00
95	50 mm GI. Nipple of length 3", 4" and 6"	10.00	No	144.00	1440.00
96	Laying and fitting of GI. Pipes in trenches with flanged joints including cost of MS Flanges, nuts, bolts etc but excluding cost of earth work and pipes. 80mm dia	10.00	Joints	1100.00	11000.00
97	65mm Dia GI. Pipes	10.00	Joints	1000.00	10000.00
98	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with anti corrosive red oxide primer and all carriages upto site of work complete.	150.00	Kg	147.82	22173.00
99	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. 10.5.1 Using M.S. angles 30x6mm for diagonal braces and central cross piece.	2.16	Sqm	4352.95	9402.37
100	Providing and fixing GI. pipes complete with GI. fittings and clamps, including cutting and making good the walls etc.: Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall: 15 mm dia. nominal bore	38.00	Mtr	431.10	16381.80
101	20mm Dia nominal bore	33.00	Mtr	476.60	15727.80
102	Providing and fixing GI. pipes complete with GI. fittings excluding trenching and refilling etc. (external work) 15 mm dia. nominal bore	18.00	Mtr	163.55	2943.90
103	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	3.00	Mtr	436.50	1309.50
104	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with GI. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With GI. barbed wire	2950.23	Mtr	19.10	56349.39
105	Providing and fixing 100mm dia Sluice Valve with ISI MarkWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	13164.00	13164.00

107	Providing and fixing 80mm dia Sluice Valve with ISI MarkWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	2.00	No	10815.00	21630.00
108	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	754.82	Cum	198.70	149982.73
109	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	284.00	Kg	57.90	16443.60
110	Providing and incorporating PGI sheet strips 0.80 mm thickness at construction joints and all carriages upto site of work complete job	12.72	Sqm	800.00	10176.00
111	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc, as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. For ladders and lids	100.30	Kg	133.30	13369.99
112	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	100.00	1200.00
113	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover	9.67	Sqm	3238.20	31313.39
114	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	4159.00	Kg	91.03	378593.77
115	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc including priming coat with approved steel primer all complete. Fixed to steel windows by welding	200.00	Kg	161.25	32250.00
116	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works.	368.00	Kg	146.63	53959.84
117	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	4216.80	Kg	102.13	430661.78
118	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In- Charge made of G.I. Wire of dia 4mm.	280.00	Sqm	806.85	225918.00
119	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.	2.26	Cum	138685.40	313429.00
120	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	151.19	Sqm	951.80	143902.64
121	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	58.07	RM	691.35	40146.69
122	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	14.20	RM	626.15	8891.33

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123	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	88.54	RM	693.90	61437.91
124	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.90	Cum	60102.80	54092.52
125	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	43.61	Sqm	1712.85	74697.39
126	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	222.52	Sqm	172.40	38362.45
127	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	180.07	Sqm	149.05	26839.43
128	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws Budloo/fir wood	80.00	Sqm	1271.75	101740.00
129	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone.	30.73	Cum	2497.50	76748.18
130	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	127.06	Sqm	59.50	7560.07
131	Painting with synthetic enamel paint of approved brand and manufacture to give an even shadeTwo or more coats on new work.	127.06	Sqm	121.95	15494.97
132	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	290.50	Sqm	52.75	15323.88
133	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	290.50	Sqm	125.60	36486.80
134	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	99.14	Sqm	59.35	5883.96
135	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	199.14	Sqm	91.80	18281.05
136	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete .300x16 mm	9.00	No	292.80	2635.20
137	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150 x 10mm	13.00	No	80.35	1044.55
138	100 x 10mm	132.00	No	57.35	7570.20
139	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	14.00	No	66.35	928.90
140	100mm	68.00	No	52.30	3556.40
141	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	10.20	Sqm	1249.30	12742.86
142	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete	2.00	No	1839.60	3679.20
143	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. In colour such as White, Ivory, Grey, Fume Red Brown	4.50	Sqm	1052.75	4737.38

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	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	29.73	Sqm	1161.05	34518.02
145	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing, polishing and curing complete with: Pink plain marble				
146	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE- ALPE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge; Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	18.00	RM	321.15	5780.70
147	2025 (25mm OD) pipe	18.00	RM	385.85	6945.30
148	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70	1298.50
149	PPR Union 25mm	5.00	No	309.20	1546.00
150	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	20.00	RM	2680.00	53600.00
151	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	2.00	No	5534.85	11069.70
152	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	2.00	No	4575.20	9150.40
153	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	2.00	No	131.15	262.30
154	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	6.00	No	583.25	3499.50
155	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	6.00	No	2207.60	13245.60
156	Providing and fixing brass stop cock of approved quality. 15 mm nominal bore	4.00	No	657.30	2629.20
157	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	7.00	No	536.10	3752.70
158	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge	30.00	No	69.85	2095.50
159	Providing and fixing 15 mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.	6.00	No	624.65	3747.90
160	Providing and fixing ball valve of approved quality complete. 15mm nominal bore.	2.00	No	438.85	877.70
161	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour: 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms	1.00	No	686.15	686.15

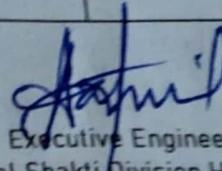
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162	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.	1.00	No	790.50	790.50
163	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.:15mm Dia nominal bore	20.00	RM	431.10	8622.00
164	20mm dia nominal bore	15.00	RM	476.60	7149.00
165	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, excluding trenching and refilling (External Work) :15mm Dia nominal bore	36.00	RM	163.55	5887.80
166	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000.00	Ltr	11.25	11250.00
167	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (cement :4 coarse sand), with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand :10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	4.00	No	1735.00	6940.00
168	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	36.00	RM	300.00	10800.00
169	75mm dia	21.00	RM	250.00	5250.00
170	Providing and fixing C.I manhole Cover 0.30 x 0.30m size	4.00	No	1500.00	6000.00
171	Providing and fixing PVC Door Fittings complete.				
172	100mm floor trap	2.00	No	500.00	1000.00
173	100mm door junction	2.00	No	350.00	700.00
174	100mm Collar	8.00	No	175.00	1400.00
175	100mm bends	10.00	No	250.00	2500.00
176	80mm Door Junction	4.00	No	300.00	1200.00
177	80mm floor trap	4.00	No	250.00	1000.00
178	80mm bend	12.00	No	200.00	2400.00
179	80mm Collar	8.00	No	150.00	1200.00
180	Floor Grating	6.00	No	250.00	1500.00
181	Providing and fixing M.S expanded metal mesh of 20mm x 20mm size and 1.6mm thick for gable opening duly fixed on angle frame by electrowelding including applying of bapproved brand priming coat etc complete job.	7.98	Sqm	150.00	1197.00
182	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , to be laid in conduites including PVC Conduit pipe of reputed make including chasing of walls and making good the same Testing / Commissioning for all points upto 6 Amp) including P/F 5 A Switches, indicators, MCB's and all connected items etc complete	18.00	points	1200.00	21600.00
183	Providing Heating Points: Upto 16 Amp using 4.00 Sqmm multistranded copper wire, but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including providing 16 Amp Switches, indicators PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	8.00	points	2000.00	16000.00
184	Providing and fixing 1200mm sweep ceiling fan complete with all accessories, including dimmer of ISI mark complete.	2.00	points	2000.00	4000.00
185	Providing and fixing of exhaust fan in 1.5 sqmm stranded wire to be laid in conduit incld providing and fixing of Exhaust fan, Conduit Pipes, Suitable switches complete.	4.00	No	2000.00	8000.00
186	Providing and fixing of MCB distribution box 10way main double door system complete,	2.00	No	5000.00	10000.00
187	Providing and fixing 16Amp MCB of approved make complete.	10.00	No	700.00	7000.00
188	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	14.00	No	500.00	7000.00
189	Supply and fixing of Hot Water Gysers 50 Ltr Capacityincluding all accessories testing and commissioning complete of Superior/ approved make.	2.00	No	18000.00	36000.00
190	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				
191	Cement and Steel Avg 10 Km's	185.68	MT	202.37	37576.06
192	Sand 20 km's and 20mm crushed aggregate	211.91	Cum	402.29	85249.27

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Crushed Aggregate 40mm nominal Size 7 Kms	19.98	Cum	437.30	8737.25
Bricks 110 Km's	15500.00	No	3.45	53475.00
Stones 15 Km's	2.47	Cum	401.83	992.52
G.I Pipes below 100mm dia 10 Km's from Div. Store	13.49	MT	249.65	3367.78
Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 500 mtrs including loading unloading and stacking complete.				0.00
18 Cement	38.40	MT	282.10	10832.64
19 Steel	6.97	MT	605.96	4223.54
20 Sand and 20mm Crushed agg	107.84	Cum	621.21	66991.29
21 40mm crushed aggregate	9.10	Cum	671.55	6111.11
22 G.I Pipes below 100mm dia	13.49	MT	355.70	4798.39
23 Avg 300 Mtrs Head Load				
24 Cement	6.98	MT	210.75	1471.04
25 Steel	2.46	MT	452.69	1113.62
26 Sand and 20mm Crushed agg	23.25	Cum	438.40	10192.80
27 40mm crushed aggregate	3.69	Cum	473.94	1748.84
28 Stones	2.47	Cum	515.73	1273.85
29 Bricks	6157.00	No	0.82	5048.74
Total				7830107.20
Add Contractors Tender Appreciation @ 1.88% on All items				147206.0153
G. Total				7977313.00

Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

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**GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JS Division Handwara**

M/S : Gh Mohammad Lone
 S/o : Ali Mohammad Lone
 : Magam
 R/o : 617/BEE/CE/KCC/PDC/2007-08
 Regd No :
 GST No :
 Note :- PHE/Hand/ 3967-70 Date:- 31/3/2023

Adv. Cost : - Rs 49.73 Lacs

Allotted Cost:-Rs.4949113.00/-

Time of Completion 90 days

Sub : Commissioning and testing of L/F, Constt of SR 0.30 LG, Constt of Sluice Chamber, Constt of Chain link fencing and Constt of Pump House for WSS Uchar Magam under JJM

Ref:- Your tender in response to this office E-NIT No 40./PHE /Hand of 02/2023 S.No.0 3 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Pig/MoM/14446-48 dated.20-03-2023
3. Accord No. 015/JJM/DSE/HH/DR of 2022-23 Dated:- 25-08-2022
4. Technical Sanction Order No.CE/PHE/DB/572 of 09/2022 Dated:-12-09-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SLNo	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in:-All kinds of Soil	775.75	Cum	436.00	338227.00
2	Ordinary Rock	186.25	Cum	841.60	156748.00
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	24.50	Cum	539.35	13214.08
4	Earth work in excavation by mechanical means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed in all kinds of Soil	14.62	Cum	252.05	3684.97
5	Oridanary Rock	6.26	Cum	470.00	2942.20
6	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. in all kinds of Soil	171.42	Cum	188.75	32355.53
7	Oridanary Rock				0.00
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :Addl 1 lift All kinds of Soil	6.13	Cum	81.65	500.51
9	Oridanary Rock				0.00
10	Addl 2 lift All kinds of Soil				0.00
11	Oridanary Rock				0.00
12	Addl 3 lift All kinds of Soil				0.00
13	Oridanary Rock				0.00
14	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.				0.00
15	Providing and laying dry stone soling hand packed tightly including Filling, Spreading, ramming cost of Stone boulders and all leads and lifts complete.	31.73	Cum	1320.00	41883.60
16	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 mix (1 Cement: 4 Course Sand : 8 graded crushed stone agg 40mm nominal size)	15.00	Cum	4861.84	72927.60
17	Providing and laying in position cement concrete of specified grade including curing butxcluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 mix (1 Cement: 3 Course Sand : 6 graded crushed stone agg 20mm nominal size)	19.83	Cum	5399.02	107062.57

18	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	20.49	Cum	6465.20	132471.95
19	Providing and laying in position Reinforced cement concrete of specified grade including curing butexcluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 mix (1 Cement: 2 Course Sand : 4 graded crushed stone agg 20mm nominal size)	4.34	Cum	6978.68	30287.47
20	Providing and laying in position Reinforced cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:1.5:3 mix (1 Cement: 3 Course Sand : 3 graded crushed stone agg 20mm nominal size)	20.16	Cum	7801.00	157268.16
21	Reinforced cement concrete work in walls (any thickness) including attached pillars, buttresses, plinth and string courses, fillets, columns , pillars , piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement.1:1.5:3 mix.	30.05	Cum	9408.14	282714.61
22	Reinforced cement concrete work in Suspended floors , roofs having slope upto 15°, beams etc upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.89	Cum	9849.35	87560.72
23	Reinforced cement concrete work in arches, arch ribs, domes , vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	7.29	Cum	10404.50	75848.81
24	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :Cement mortar 1:6 (1 cement : 6 coarse sand)	18.32	Cum	6802.13	124615.02
25	Extra for brick work with common burnt clay bricks /cement concrete bricks in superstructure above plinth level upto floor five level	18.32	Cum	1456.02	26674.29
26	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level	6299.00	Kg	87.18	549146.82
27	Random Rubble masonry with hard stone in foundation and plinthincluding leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level andcuring complete with:Cement mortar 1:6 (1 Cement : 6 coarse sand)				0.00
28	Excluding Cost of Stones				0.00
29	Dry random rubble masonry with hard stone in foundation and plinth:With bond stone.				0.00
30	Centering and shuttering including strutting, propping etc. and removal of form for:Foundations	85.77	Sqm	262.30	22497.47
31	Walls	282.33	Sqm	573.85	162015.07
32	Beams	34.48	Sqm	502.85	17338.27
33	Suspended Floors	54.11	Sqm	635.60	34392.32
34	Columns	40.56	Sqm	680.15	27586.88
35	Domes exceeding 6 Mtr Span	58.31	Sqm	3095.25	180484.03
36	Edges of slabs and breaks in floors upto 200mm thick.	40.00	Sqm	242.30	9692.00
37	Extra for Centering and shuttering in Circular Foundations	18.12	Sqm	52.46	950.58
38	Walls	165.40	Sqm	114.77	18982.96
39	Beams (Ring Beam of SR)	18.38	Sqm	100.57	1848.48
40	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): 2nd class Kail Wood	0.60	Cum	92065.35	55239.21
41	Providing and fixing panelled or panelled and glazed shutters for Doors , windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. Second kail wood 35mm thick	5.40	Sqm	2745.95	14828.13

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42	Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, Windows and Clerestory windows (Area of pening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Decorative ply wood both side decorative veneer (type 1) conforming to IS 1328 BWR type	3.25	Sqm	2360.95	7673.09
43	Float glass panes 4 mm thick glass pane (weighing not less than 10 kg/sqm)	2.00	Sqm	1768.05	3536.10
44	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second kail wood 35mm thick.	7.92	Sqm	3338.05	26437.36
46	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	36.00	No	163.05	5869.80
47	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete	35.85	Cum	787.40	28228.29
48	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete.50 mm thick with 20mm nominal size stone aggregate	39.70	Sqm	505.00	20048.50
49	12 mm thick Cement plaster 1 : 3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement	183.11	Sqm	343.75	62944.06
50	12 mm thick Cement plaster 1 : 6 (1 cement : 6 coarse sand)	95.06	Sqm	241.75	22980.76
51	15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 6 (1 cement : 6 coarse sand)	119.32	Sqm	278.60	33242.55
52	Laying and fitting of G.I. pipes (all classes) pipes, fittings and Earth work.complete excluding cost of pipes and earth work.				0.00
53	100 mm Dia G.I. Pipes	66.00	Mtr	107.70	7108.20
54	80 mm Dia G.I. Pipes	800.00	Mtr	73.05	58440.00
55	65mm Dia G.I. Pipes	240.00	Mtr	73.05	17532.00
56	50mm Dia G.I. Pipes	750.00	Mtr	40.80	30600.00
57	40mm Dia G.I. Pipes	1200.00	Mtr	40.80	48960.00
58	25mm Dia G.I. Pipe	1300.00	Mtr	30.65	39845.00
59	20mm Dia G.I. Pipe	1200.00	Mtr	20.25	24300.00
60	15mm Dia G.I. Pipes				0.00
61	Providing and fixing GI Union in GI Pipe				0.00
62	15 mm nominal bore G.I Unions	10.00	No	58.00	580.00
63	20 mm nominal bore G.I Unions	100.00	No	100.00	10000.00
64	25 mm nominal bore G.I Unions	50.00	No	130.00	6500.00
65	40 mm nominal bore G.I Unions	30.00	No	232.00	6960.00
66	50 mm nominal bore G.I Unions	25.00	No	299.00	7475.00
67	65 mm nominal bore G.I Unions	15.00	No	477.00	7155.00
68	80 mm nominal bore G.I Unions	20.00	No	551.00	11020.00
69	100 mm nominal bore G.I Unions	20.00	No	551.00	11020.00
70	Providing and fixing gun matel gate value with CI wheel of approved quality.				0.00
71	20 mm nominal bore	10.00	No	463.65	4636.50
72	25 mm nominal bore	10.00	No	543.85	5438.50
73	40 mm nominal bore	5.00	No	704.70	3525.50
74	50 mm nominal bore	3.00	No	942.75	2828.25
75	65 mm nominal bore	2.00	No	1568.85	3137.70
76	80 mm nominal bore	2.00	No	2406.65	4813.30
77	Supply and fixing of GI Pipe Specials conforming to IS 1239 (Part-2) (subject to non availability in Stores Viz-a-Viz Requirement at Site)				0.00
78	20 mm dia G.I elbows	100.00	No	39.00	3900.00
79	25 mm dia G.I elbows	30.00	No	54.00	1620.00
80	40 mm dia G.I elbows	25.00	No	115.00	2875.00
81	50 mm dia G.I elbows	25.00	No	206.00	5150.00
82	65 mm dia G.I elbows	10.00	No	322.00	3220.00
83	80 mm dia G.I elbows	5.00	No	432.00	2160.00

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84	20 mm to 15 mm G.I. sockets (reducing)	50.00	No	24.00	
85	25 mm to any smaller size G.I. sockets (reducing)	30.00	No	30.00	1200.00
86	40 mm to any smaller size G.I. sockets (reducing)	30.00	No	55.00	900.00
87	50 mm to any smaller size G.I. sockets (reducing)	20.00	No	91.00	1650.00
88	80-65 Reducing Socket	10.00	No	150.00	1820.00
89	15 mm G.I. Tee (equal)	10.00	No	32.00	1500.00
90	20 mm G.I. Tee (equal/reducing)	50.00	No	54.00	320.00
91	25 mm G.I. Tee (equal/reducing)	30.00	No	72.00	2700.00
92	40 mm G.I. Tee (equal/reducing)	40.00	No	145.00	2160.00
93	50 mm G.I. Tee (equal/reducing)	30.00	No	230.00	5800.00
94	65 mm G.I. Tee (equal/reducing)	10.00	No	300.00	2860.00
95	80 mm G.I. Tee (equal/reducing)	5.00	No	572.00	1750.00
96	15 mm G.I. Nipple of length 3", 4" and 6"	50.00	No	35.00	9200.00
97	20 mm G.I. Nipple of length 3", 4" and 6"	200.00	No	46.00	5520.00
98	25 mm G.I. Nipple of length 3", 4" and 6"	80.00	No	69.00	2080.00
99	40 mm G.I. Nipple of length 3", 4" and 6"	20.00	No	104.00	1440.00
100	50 mm G.I. Nipple of length 3", 4" and 6"	10.00	No	144.00	3331.25
101	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, Including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore	5.00	No	666.25	
102	50 to 80 mm nominal bore				0.00
103	Laying and fitting of G.I. Pipes in trenches with flanged joints including cost of 12mm MS Flanges, nuts, bolts, rubber insertion, testing and commissioning and all carriages etc complete but excluding cost of earth work and pipes. 80mm dia				0.00
104	65mm dia				0.00
105	Fabricating, Providing and fixing MS Fittings viz Bends , Tees, etc of required degree and size to be fabricated from 6mm nominal size MS Plate including cost of welding. The work should be leak proof and includes to be painted with antoccorrosive red oxide primer and all carriages upto site of work complete.				0.00
106	Providing and fixing 150mm dia Sluice Value with ISI Mark with Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
107	Providing and fixing 100mm dia Sluice Value with ISI Mar Wheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.	1.00	No	13164.00	13164.00
108	Providing and fixing 80mm dia Sluice Value with ISI MarWheel type handle including cost of flanges, nuts, bolts, rubber insertion all carriages complete.				0.00
109	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc, in layers no exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m	925.39	Cum	198.70	183874.99
110	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	538.00	Kg	57.90	31150.20
111	Providing and fixing PGI Sheet strip 0.80mm thick for construction Joints incld all carriages complete.	15.55	Sqm	800.00	12440.00
112	Providing and fixing PVC pipe bends 80mm dia for air vents.	12.00	No	150.00	1800.00
113	Providing and laying S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes conforming to IS : 8329 150 mm dia Ductile Iron Class K - 7 Pipes				0.00
114	Providing and fixing of ISI marked Standard CI/DI specials, Tees, Bends, Collars etc upto 300mm dia				0.00
115	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	10.50	Sqm	3238.20	34001.10
116	Providing and fixing ball bearing for rolling shutters.	2.00	No	483.10	966.20

117 Structural steel work connecting steel plate applying a plate
 118 Steel plate

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117	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	835.00	Kg	91.03	76010.05
118	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel as required in gratings, frames, guard bars, ladder, railings, brackets, gates and similar works. (For Lids & Ladders)	344.65	Kg	146.63	50536.03
119	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Riveted and bolted)				0.00
120	Structural Steel Work in built up sections in trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	1926.00	Kg	102.13	196702.38
121	Providing and fixing G.I. Chain Link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer - In-Charge made of G.I. Wire of dia 4mm.	90.00	Sqm	806.85	72616.50
122	Providing hoisting and fixing trusses/purlins/rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo wood.				0.00
123	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gram/m ²	62.48	Sqm	1046.98	65415.31
124	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete.	17.10	RM	760.49	13004.38
125	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gram/m ²	14.20	RM	688.77	9780.53

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126	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	31.40	RM	693.90	21788.46
127	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position : Budloo / Fir wood	0.90	Cum	60102.80	54092.52
128	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws. 2nd class kail wood	23.61	Sqm	1712.85	40440.39
129	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	119.32	Sqm	172.40	20570.77
130	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer	119.32	Sqm	149.05	17784.65
131	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	86.31	Sqm	59.50	5135.45
132	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	86.31	Sqm	121.95	10525.50
133	Applying priming coat With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	100.50	Sqm	52.75	5301.38
134	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @	100.50	Sqm	125.60	12622.80
135	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	254.10	Sqm	91.80	23326.38

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136	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :300x16 mm	6.00	No	292.80	1756.80
137	Providing and fixing aluminum tower bolts ISI marked anodized (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed torequired colour or shade with necessary screws etc. complete : 150 x 10mm	12.00	No	80.35	964.20
138	100 x 10mm	32.00	No	57.35	1835.20
139	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 125mm	6.00	No	66.35	398.10
140	100mm	32.00	No	52.30	1673.60
141	Providing and laying vitrified floor tiles in different sizes (thickness tobe specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	5.10	Sqm	1249.30	6371.43
142	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	37.80	Sqm	1161.05	43887.69
143	Providing and fixing Polyethylene- Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1620 (20mm OD) pipe	18.00	RM	321.15	5780.70
144	2025 (25mm OD) pipe	18.00	RM	385.85	6945.30
145	Providing and fixing PPR Unions PPR Union 20mm	5.00	No	259.70	1298.50
146	PPR Union 25mm	5.00	No	309.20	1546.00
147	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-charge. External work including trenching, refilling etc. 100mm nominal outer dia pipes	20.00	RM	2760.40	55208.00
148	Supplying, Providing, assembling, Fabricating, covering and fixing in verticalm position in Dug Well Mud Steel tubular Stening having slots of 15mm @ 300mm C/C spacing required dia 3.00 Mtrs having wall thickness not less than 12mm including painting with anti corrosive paint and cost of earth work, covering and accessories if any required at site and all carriages upto site of work complete job as perv direction of Engineer-In- Charge				0.00

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149	Supplying, filling, spreading and levelling Stone boulders behind wall of Dug Well as per the direction of Engineer Incharge including all carriages and head loads etc complete		1.00	No	5534.85	5534.85
150	Providing and fixing water closet Squatting Pan (Indian Type WC Pan) with 100mm sand cast iron P or S Trap, 10 ltr capacity Low Level White PVC Flushing Cistern including flush pipe of approved make with manually controlled device (Handle lever) conforming to IS: 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.					
151	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per I.S. 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 610x510mm bowl depth 200mm	1.00	No	4575.20	4575.20	
152	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C waste fittings complete: Semi rigid pipe 32 mm dia	1.00	No	131.15	131.15	
153	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS : 8931	2.00	No	436.50	873.00	
154	Providing and fixing 15mm nominal bore CP Brass close hole Basin Mixer of approved quality and make weighing not less than 1.97 Kg	2.00	No	6000.00	12000.00	
155	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	3.00	No	657.30	1971.90	
156	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	2.00	No	536.10	1072.20	
157	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-incharge	15.00	No	62.30	934.50	
158	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltr	11.25	5625.00	
159	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1cement :4 coarse sand) , with C.I. surface box 100x100x75 mm (inside) with hinged cover fixed in cement concrete slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. With common burnt clay (non modular) bricks of class designation 7.5	2.00	No	1908.50	3817.00	
160	Providing and fixing C.I manhole Cover 0.45 x 0.45m size	2.00	No	1750.00	3500.00	
161	Providing and fixing PVC Soil waste and vent pipe of reputed make incld earth eork and refilling. 100mm dia	20.00	RM	1750.00	35000.00	
162	75mm dia	15.00	RM	1750.00	26250.00	
163	Providing and fixing PVC Door Fittings complete.				0.00	
164	100mm floor trap	1.00	No	500.00	500.00	
165	100mm door junction	1.00	No	350.00	350.00	
166	100mm Collar	4.00	No	175.00	700.00	
167	10mm Gasket	10.00	No	200.00	2000.00	
168	100mm bends	5.00	No	250.00	1250.00	
169	80mm Door Junction	2.00	No	300.00	600.00	
170	80mm floor trap	2.00	No	250.00	500.00	
171	80mm bend	6.00	No	200.00	1200.00	
172	80mm Collar	4.00	No	150.00	600.00	
173	Floor Grating	3.00	No	250.00	750.00	



 Chetan
 Jitendra
 Mehta

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	Providing Lighting points . Using wire of 1-5 sqmm, copper conductor, Multi stranded , 1100 volts, FR, for phase , neutral & earth of 1mm green colour for each point including PVC Conduit pipe of reputed make including chasing of walls and making good the same. Testing / Commissioning for all points upto 6 Amp) including Switches, indicators, MCB's and all connected items etc complete	8.00	points	1200.00	9600.00
175	Providing Heating Points: Upto 16 Amp using 4mm multistranded copper wire, 1100 volt FR to be laid for phase and neutral but 2.5 sqmm cable for earth in green colour to be connected for all the required points/ sources including Switches, indicators MCB's including PVC Conduit pipe of reputed make including chasing of walls and making good the same and all connected items etc complete	4.00	points	2000.00	8000.00
176	P/Fitting / Commissioning of Main Switch board for accommodating the MCBs of sizes -HPL/ Standard / SSK make (18"x24")	1.00	No	2500.00	2500.00
177	Supply and fixing of LED Bulbs of Superior/ approved quality 12W (220-240V) with frequency 50 Hz .	8.00	No	500.00	4000.00
178	Supply and fixing of Hot Water Gyer 50 Ltr Capacityincluding all accessories incld installation, testing and commissioning complete of Superior/ approved make as per direction of Engineer-In-Charge.	1.00	No	18000.00	18000.00
179	Preparation of subgrade by excavating earth to an average of 22.5 cm depth, dressing to camber and consolidation with road roller of 8-12 tonne capacity including making good the undulation etc. and disposal of surplus earth upto 50 meters.				0.00
180	Supplying and stacking at site Graded crushed stone aggregate of size 90 mm to 45 mm				0.00
181	53 mm to 22.4 mm				0.00
182	Supplying and stacking at site Stone screening / Chippings of size 13.2/11.2 mm nominal size (Type A/B)				0.00
183	Supplying and stacking at site Good Earth				0.00
184	Laying water bound macadam sub-base with Stone aggregate and binding material, earth etc. including screening, sorting, spreading to template and consolidation with light power road roller etc. complete (payment for stone aggregate and moorum etc, to be made separately) :				0.00
185	Carriage of materials from source to road site of work by Mechanical Transport including loading unloading and stacking complete.				0.00
186	Cement and Steel 20 Km's	69.43	MT	356.60	24758.74
187	Sand and 20mm crushed aggregate 22 km's	202.00	Cum	402.29	81262.58
188	Crushed Aggregate 40mm nominal Size 30 Kms	59.42	Cum	437.30	25984.37
189	Bricks 110 Km's	9160.00	No	3.45	31602.00
190	G.I Pipes below 100mm dia 20 Km's from Div. Store	20.52	MT	356.60	7317.43
191	Carriage of materials from road site upto actual site of work by manual means (Head Load) avg 400 mtrs including loading unloading and stacking complete.				0.00
192	Cement	56.46	MT	282.10	15927.37
193	Steel	5.69	MT	605.96	3447.91
194	Sand and 20mm Crushed agg	108.45	Cum	621.21	67370.22
195	40mm crushed aggregate	51.41	Cum	671.55	34524.39
196	G.I Pipes below 100mm dia	20.52	MT	355.70	7298.96
Total					4973983.13
Depreciation on all items @ (-0.5%)					24869.92
Grand Total					4949113.00

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Hardwara

GOVT. OF JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSR DIVISION HANDWARA

M/S : Gh Mohammad Mir
 S/o : Ab Samad Mir
 D/o : Sheikhpora
 Regd No : 279/BK/SE-PWD/DEE/2021-22
 GST No : AA011221159883H

No: - PHE/Hand/ 3913-16

Date: - 25/3/2023

Adv. Cost : - Rs 45.90 Lacs

Allotted Cost:-Rs. 4668647.00/-

Time of Completion 65 days

Sub : Laying and fitting Including Successful Testing and Commissioning of Intake Main, Supply mains, Pipe Distribution Network, and Construction Including Successful Testing Commissioning of 0.16 Lac Gallons S.R., Pre settling Tank, Intake Chamber & Channel, Sluice Chamber, and Barbed Wire Fencing for WSS Darbal Under JJM

Ref:- Your tender in response to this office E-NIT No 37./PHE /Hand of 02/2023 S.No.08 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/14446-48 dated.20-03-2023

3. Accord No. 23/DSE/HH/DB of 2022-23 of 21.09.2022.

4. Technical Sanction Order No.....

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
2	All kinds of soil :	682.94	Cum	436.00	297761.84
3	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				
4	All kinds of soil :	828.72	Cum	252.05	208878.88

5	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. (All kinds of soil)	404.59	Cum	188.75	7636.20
6	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				0.00
7	All kinds of soil :	6.13	Cum	81.65	500.51
8	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	1478.01	Cum	198.70	293680.59
9	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	23.31	Cum	1320.00	30769.20
10	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
11	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 40mm nominal size)	8.64	Cum	7287.28	62962.10
12	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	2.27	Cum	6465.20	14676.00
13	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	14.47	Cum	4861.84	70350.82
14	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				0.00

15	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1.68	Cum	6978.68	11724.18
16	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	39.40	Cum	7800.76	307349.94
17	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement.				0.00
18	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	52.84	Cum	9408.14	497126.12
19	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				0.00
20	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	6.82	Cum	9849.35	67172.57
21	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				0.00
22	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.10	Cum	10404.52	42658.53
23	Centering and shuttering including strutting, propping etc. and removal of form for:				0.00
24	Foundations, footings, bases of columns etc. for mass concrete.	62.45	sqm	262.30	16380.64

25	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	543.85	sqm	573.85	312088.30
26	Suspended floors, roofs, landings, balconies and access platforms.	4.00	sqm	635.60	2542.40
27	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	13.92	sqm	502.85	6999.67
28	Arches, domes, vaults upto 6 m span	32.80	sqm	2086.80	68447.04
29	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				0.00
30	foundation	6.97	sqm	52.46	365.65
31	Walls	124.66	sqm	114.77	14307.23
32	beam	13.92	sqm	100.57	1399.93
33	Dome (not applicable)	0.00	sqm	0.00	0.00
34	Edges of slabs and breaks in floors and walls	9.40	m	242.30	2277.62
35	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	333.00	kgs	57.90	19280.70
36	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				0.00
37	Thermo-Mechanically Treated bars of grade Fe-500D or more.	10076.00	Kg	87.18	878425.68
38	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1123.25	Kg	91.03	102249.45

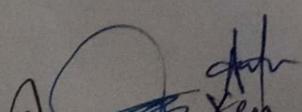


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39	Providing & fixing of MS fittings viz bends of suitable degree, tees, collars etc to be fabricated from 6mm Nominal Size MS plate as per the requirement of site including cost of welding. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job.	189.00	Kg	147.82	27937.98
40	12mm Cement plaster finished with a floating coat of neat cement of mix:				0.00
41	1 : 3 (1 cement : 3 fine sand)	242.51	Sqm	343.75	83362.81
42	12mm Cement plaster				0.00
43	1 : 4 (1 cement : 4 fine sand)	196.40	Sqm	325.45	63918.38
44	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	44.55	Sqm	800.00	35640.00
46	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				0.00
47	15 mm dia. nominal bore	2300.00	m	20.25	46575.00
48	20 mm dia. nominal bore	2000.00	m	20.25	40500.00
49	25 mm dia. nominal bore	1500.00	m	30.65	45975.00
50	40 mm dia. nominal bore	900.00	m	40.80	36720.00
51	50 mm dia. nominal bore	800.00	m	40.80	32640.00
52	65 mm dia. nominal bore	1450.00	m	73.05	105922.50
53	80 mm dia. nominal bore	1900.00	m	73.05	138795.00
54	100 mm dia. nominal bore	100.00	m	107.70	10770.00

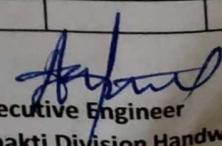
A handwritten signature in blue ink, appearing to read "John Xem". Below the signature, there is a smaller, stylized mark or initial.

55	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per meter cost of total length of barbed wire used. With G.I. barbed wire	1720.00	M	19.10	32852.06
56	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete	504.00	Kg	88.50	44604.00
57	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Sand:				0.00
58	22 km	54.36	Cum	422.17	22949.16
59	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				0.00
60	22 km	90.80	Cum	422.17	38333.04
61	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				0.00
62	22 km	12.26	Cum	331.68	4066.40
63	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				0.00
64	22km	23.31	Cum	496.64	11576.68
65	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				0.00



66	24 km	69.04	Tonne	392.97	27130.65
67	Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				0.00
68	20 km	36.15	MT	357.64	12928.69
69	Carriage of materials by manual means including loading, unloading, stacking of materials- (Sand) and 20mm aggregate				0.00
70	600m	33.93	Cum	712.61	24178.86
71	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate 40mm and Above				0.00
72	600m	2.50	Cum	770.36	1925.90
73	Carriage of materials by manual means including loading, unloading, stacking of materials- Stone Soling				0.00
74	600m	2.33	Cum	838.33	1953.31
75	Carriage of materials by manual means including loading, unloading, stacking of materials- Cement				0.00
76	600m	11.65	Tonne	400.68	4667.92
77	Carriage of materials by manual means including loading, unloading, stacking of materials- Steel				0.00
78	600m	1.45	Tonne	682.59	989.76
79	Carriage of materials by manual means including loading, unloading, stacking of materials- GI pipes				0.00
80	400m	13.00	Tonne	400.68	5208
81	Provision for pipe specials as per site Engineer	1.00	Job	233000.00	233000
	Total				4577
	Add Contractors Tender Appreciation @ 2% on All items				915
	G. Total				4668

Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JS DIVISION HANWARA

Gh Mohammad Mir
Ab Samad Mir
Sheikhpora
279/BK/SE-PWD/DEE/2021-22
AA011231159883H

PHE/Hand/ 3917-20

Date: 25/03/2023

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Adv. Cost : - Rs 108.80 Lacs
Allotted Cost: Rs. 10810205.22/-
Time of Completion 120 days

Sub : Laying and Fitting of different dia DI/G.I. pipes for various areas of Londa and Harid parts WSS Londa under JJM

Ref: Your tender in response to this office E-NIT No 37./PHE /Hand of 02/2023 S.No.20 issued under this Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Ptg/MoM/14446-48 dated 20-03-2023

3. Accord No. 23/DSE/HH/DB of 2022-23 of 21.09.2022.

4. Technical Sanction Order No.....

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SL.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	8602.85	Cum	436.00	3750842.60
2	ordinary rock	1518.15	Cum	841.60	1277675.04
3	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				0.00
4	80MM DIA	3000.00	RM	73.05	219150.00
5	65MM DIA	1300.00	RM	73.05	94965.00
6	50MM DIA	6300.00	RM	40.80	257040.00
7	40MM DIA	5500.00	RM	40.80	224400.00
8	25MM DIA	6500.00	RM	30.65	199225.00
9	20MM DIA	6500.00	RM	20.25	131625.00
10	15MM DIA	8000.00	RM	20.25	162000.00
11	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI pipes including l/f of pipes in trenches, cutting of threaded ends, welding charges, cost of flanges, rubber gasket, bolts, nuts including testing of joint and all sorts of carriages. for welding equipments/to and fro welding workshop Complete Job. to be used for vulnerable and acute emergent spots only to be justified by AEE				0.00
12	80 mm dia. pipe	1033.00	Joint	1100.00	1136300.00
13	100mm dia	57.00	Joint	1200.00	80400.00
14	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	2504.97	Qty	245.55	615095.38
15	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket				0.00
16	150mm dia	833.00	Joint	144.70	120535.10
17	125mm dia	500.00	Joint	105.00	52500.00
18	100mm dia	616.00	Joint	89.70	55255.20
19	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete				0.00
20	25 to 40 mm nominal bore	50.00	No.	666.25	33312.50
21	50 to 80 mm nominal bore	30.00	No.	1268.75	38062.50
22	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	9108.90	Cum	198.70	1809938.43
23	Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc.	148.46	MT	264.04	39199.38
24	Carriage of D. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc				0.00
25	150mm dia	55.00	100/mtr	1082.03	59511.65
26	125mm dia	30.00	100/mtr	867.19	26015.70
27	100mm dia	37.00	100/mtr	396.00	14652.00
28	Carriage of D. I/GI Pipes upto site of work by manual labour. , including Loading, unloading, stacking etc.				0.00
29	150 mm -(for 2000 mtrs)	25.00	100/mtr	3411.40	85285.00
30	125mm-(for 2500 mtrs)	30.00	100/mtr	3609.53	108285.90
31	100mm-(for 500 mtrs)	25.00	100/mtr	835.82	20895.50
32	80 mm = (for 2000 mtrs)	20.94	MT	896.20	18764.33
33	Provision for pipe specials (Subject to actual requirement at site)	1.00	job	250000.00	250000.00
Total					10880931.22
Depreciation on all items @ (-0.65%)					70726.00
Grand Total					10810205.22

Checked by
Head Draftsman

Ahmed
Executive Engineer
PHE Jal Shakti Division Handwara

E.E. ENGINEER JSO DIVISION HANDWARA

: Mohd Qasim Lone
 : Mohd Majnoon Lone
 : Soinsadat Rafiabad
 : SE/D/SMC/BEE/CIVIL/SANITARY/OF2021-22.
 Regd No. : 01ABNPL1316K1ZU
 GST NO. : 3597-3600 Date: 09/03/2023
 No: PHE/Hand/ 3597-3600

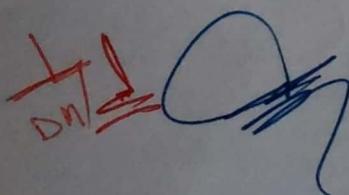
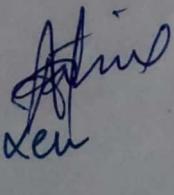
Adv. Cost :- Rs 132.08 Lacs
 Allotted Cost:-Rs. 13472707.64/-
 Time of Completion 120 days

Sub: Construction Including Successful Testing and Commissioning of laying and Fitting of pipes, .0.50 Lacs 1No. Service Reservoir ,0.30 Lac Gallons 2 No.s S.R
 Construction of Pump House Cum Operator Otr , R/Wall B/Wall, Gang Hut, WSS Kandi Khass UNDER jmm
 Ref:- Your tender in response to this office E-NIT No . 34 /PHE /Hand of 12/2022. S.No.17 issued under this
 Office No..

2. District Development Commissioner Kupwara's authorization No. DDCK/Pig/MoM/12433-45 of 23.01.2023
3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dtd 31/08/2022
4. Technical Sanction Order No.CE/PHE/DB/242 of 08/2022 Dtd 31/08/2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	4024.25	Cum	436.00	1754573.00
2	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
3	All kinds of soil :	636.51	Cum	539.35	343301.67
4	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				
5	All kinds of soil :	332.35	Cum	252.05	83768.82
6	Laying & fitting of G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work)				
7	15mm dia G.I pipe	1000	Mtr	20.25	20250.00
8	20mm dia G.I pipe	3000	Mtr	20.25	60750.00
9	25mm dia G.I pipe	1800	Mtr	30.65	55170.00
10	40mm dia G.I pipe	2500	Mtr	40.80	102000.00
11	50mm dia G.I pipe	2650	Mtr	40.80	108120.00
12	65mm dia G.I pipe	1040	Mtr	73.05	75972.00
13	80mm dia G.I pipe	3250	Mtr	73.05	237412.50
14	100mm dia G.I pipe	2650	Mtr	107.70	285405.00
15	Making connections of GI distribution branch with GI mains of following size by providing and fixing tee , including cutting and threrading the pipe etc. complete				
16	25 to 40mmØ	10	No.	666.25	6662.50
17	40 to 80mmØ	15	No.	1268.75	19031.25

P = $\frac{2}{7}$

18	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	3506.57	Cum	198.70	696755.46
19	providing &fixing of CI sluice valve with cap (Shiv durga/ Zolto) of make complete with nuts,bolts,rubber insertion etc complete job.				
20	100mmØ sluice valve	2.00	No.	4597.85	9195.70
21	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	169	Cum	1320.00	223080.00
22	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
23	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	40.86	Cum	4861.84	198654.78
24	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	90.06	Cum	5437.74	489722.86
25	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				
26	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	23.66	Cum	6978.68	165115.57
27	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	51.67	Cum	7800.76	403065.27
28	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement.				
29	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	61.86	Cum	9408.14	581987.54
30	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				
31	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	20	Cum	9849.35	196987.00
32	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				
33	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	14.08	Cum	10404.52	146495.64
34	Brick work with F.P.S, bricks of class designation 75 in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand). Incld extra above plinth	36.64	Cum	6284.30	230256.75
35	Extra for brickwork in superstructure above plinth level upto floor V level	36.64	Cum	1323.55	48494.87

P = $\frac{3}{4}$

36	Cement conc. flooring 1:2:4 mix finished with a floating coat of neat cement incld. cement slurry, but excl. the cost of nosing of steps etc. complete, 50 mm thick with 20 mm nominal size, stone agg. (Crushed)	79.40	Sqm	555.50	44106.70
37	Marble stone flooring with 18 mm thick marble stone, sample of marble shall be approved by Engineer I/C over 20mm (avg.) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid & jointed with grey cement slurry incld. rubbing and polishing complete with (Makrana white second quality).	10.2	Sqm	2171.10	22145.22
38	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	75.6	Sqm	1161.05	87775.38
39	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position:-First class KD. Wood	3	Cum	60000.00	180000.00
40	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete First class Budloo Fire Wood	0.98	Cum	138685.40	135911.69
41	P/F of panelled or panelled and glazed shutters for door, window, and clerestory windows including ISI marked black enameled M.S. Butt hinges with necessary screws excluding cost of paneling, first class kail wood 35 mm thick	10.8	Sqm	3093.80	33413.04
42	P/F 35 mm thick wire gauze shutters using glavansoned M.S. wire gauze of average width for aperture 1.4mm with wire of dia. 0.63 mm for doors, windows and clerestory windows including ISI marked bright finished or/ and black enameled M.S. Butt hinges with necessary screws:- First class kail wood.	26.64	Sqm	3307.80	88119.79
43	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.Second class Kail wood	15.84	Sqm	3338.05	52874.71
44	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 300x16 mm	12	No.	292.80	3513.60
45	P/F aluminium handles ISI mark with necessary screws all complete 100mm long	64	No.	52.30	3347.20
46	P/F aluminium handles ISI mark with necessary screws all complete 150mm long	12	No.	66.35	796.20
47	P/F aluminium tower bolts ISI mark with necessary screws all complete 150mm long	88	No.	89.20	7849.60
48	Providing and applying white cement based putty of 2mm thickness over plastered surfaces to prepare the surface even and smooth complete. .	238.64	Sqm	172.40	41141.54

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50	Distempering with oil bound wasable distemper of approved brand and manufacture to give an even shade. New work (two or more coats) over and including priming coat with cement primer.	238.64	Sqm	149.05	35569.29
51	Applying priming coat with ready mixed primer of approved paint of required shade on new work.	172.62	Sqm	59.50	10270.89
51	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	172.62	Sqm	179.80	31037.08
52	Providing Corrugated G.S sheet roofing fixed with polymer coated J or L hooks, bolts and nuts 8mm dia meter with bitumen & G.I implet washers or with G.I implet washers filled with white lead & incld. a coat of approved steel primer and two coast of approved paint on overlapping of sheets complete excluding the cost of purlins, rafters and trusses. (0.63mm thick)	124.96	sm	951.80	118936.93
53	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gram/m ²	14.2	m	691.35	9817.17
54	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 12.7.1 0.80 mm thick with zinc coating not less than 275 gram/m ²	28.4	Mtr	626.15	17782.66
55	Providing and fixing plained eaves boarding. 300x40 mm (nominal size)	62.8	Mtr	998.85	62727.78
56	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws 2nd class kail wood	47.22	Sqm	1712.85	80880.78
57	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters. 10.6.1 80x1.25 mm M.S. laths with 1.25 mm thick top cover	21	Sqm	3238.20	68002.20
58	Providing and fixing Stainless Steel kitchen sink with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets without drain board 610x510mm bowl depth 200mm	2	Each	4575.20	9150.40
59	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS: 15801, UV stabilized and anti-microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass threaded Polypropylene random fittings. This includes testing of joints complete as per direction of Engineer-in-charge.PN-10 pipe , 110mm OD (SDR-11)	40	Rm	1818.00	72720.00
60	Providngand fixng water closet squatting pan Indian type WE with 10 lit flushing eistern stainles steel orissa pattern flushing pipes 585 x480mm	2	No.	3850.00	7700.00

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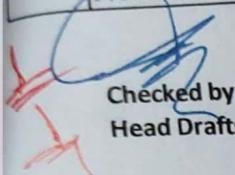
61	Providing and fixing CP brass bib cock of approved quality of 15 mm nominal bore.	4	Each	436.50	1746.00
62	Providing and fixing CP brass long nose bib cock of approved quality of 15 mm nominal bore.	4	Each	624.30	2497.20
63	Providing and fixing CP brass angle valve of approved quality of 15 mm nominal bore.	2	Each	536.10	1072.20
64	Providing and fixing brass stop cock of approved quality of 15 mm nominal bore.	6	Each	657.30	3943.80
65	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	30	No.	62.30	1869.00
66	P/F of PVC door felting of approved wake				
67	100mmxFlor Trap	2	No.	550.00	1100.00
68	100mm x Door Function	2	No.	3750.00	7500.00
69	100mm x Collar	46	No.	180.00	8280.00
70	100mm x Gasket	20	No.	220.00	4400.00
71	100mm x Bend	10	No.	270.00	2700.00
72	80mm x Door Functioning	4	No.	320.00	1280.00
73	80mm x Floor Trap	4	No.	260.00	1040.00
74	80mm x bend	12	No.	230.00	2760.00
75	80mmx Collar	8	No.	160.00	1280.00
76	Floor Gratings	6	No.	270.00	1620.00
77	Providing and fixing of cencelaed elctric wiring in PVC pipe 4mm multistand for heating point x 2mm multisland garge lighty point incl P/F of heating & electric point inclusive of switch MCB complete in al respect				
78	Heating Point	8	No.	170.00	1360.00
79	Lighting Point	20	No.	850.00	17000.00
80	Centering and shuttering including strutting, propping etc. and removal of form for:				
81	Foundations, footings, bases of columns etc. for mass concrete.	73.11	sqm	262.30	19176.75
82	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1294.33	sqm	573.85	742751.27
83	Suspended floors, roofs, landings, balconies and access platforms.	134.2	sqm	635.60	85297.52
84	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	32.2	sqm	502.85	16191.77
85	Arches, domes, vaults upto 6 m span	160.72	sqm	2086.80	335390.50
86	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
87	foundation	1832.09	sqm	52.46	96111.44
88	Walls	883.48	sqm	114.77	101397.00
89	Dome	160.72	sqm	417.36	67078.10
90	Suspended Floors.	18.86	Sqm	127.10	2397.11
91	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	100	kgs	57.90 /	5790.00
92	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				
93	Thermo-Mechanically Treated bars of grade Fe-500D or more.	133.02	Kg	87.18	11596.68
94	Providing and Fixing of Flanges 12mm thick complete job 100mm dia	427.00	Joint	1550.00	661850.00
95	80mm dia	500.00	Joint	1150.00	575000.00
96	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	5997.00	Kg	91.03	545906.91

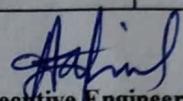
R = $\frac{1}{2}$

97	Providing 40x5mm flat iron hold fasts 40cm long incl. fixing to frame with 10mm dia bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm (1:3) mix (20mm nominal size)	72.00	No.	113.80	8193.60
98	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the Made of G.I. wire of dia 4 mm direction of Engineer-in-charge	280	sqm	733.50	205380.00
99	18mm Cement plaster in two coats under layer 12mm thick cement plaster 1 : 5 (1 cement : 5 coarse sand) finished with a top layer 6mm thick cement plaster 1 : 3 (1 cement : 3 coarse sand) finished rough with sponge	238.64	sqm	392.60	93690.06
100	Applying priming coat:				
101	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	301	sqm	52.75	15877.75
102	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete				
103	On steel work	301	sqm	188.80	56828.80
104	Providing & fixing of 50 litre capacity gysers of approved quality (venus make or equivalent).	2	No.	19000.00	38000.00
105	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bajri 20mm dia nominal size	95.46	Cum	358.25	34198.55
106	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND:				
107	55 km	250.52	Cum	750.15	187927.58
108	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				
109	35 km	40.23	Cum	411.99	16574.36
110	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				
111	35 km	220.92	Cum	411.99	91016.83
112	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				
113	20km	104.03	Cum	473.25	49232.20
114	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				
115	20 km	232.78	Tonne	357.64	83251.44
116	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks 110km	26614	No.	3.71	98737.94
117	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Gl 100mm dia pipe	82.39	MT	357.64	29465.96
118	Carriage of materials by manual means including loading, unloading, stacking of materials- Sand				
119	Ist 5000m	16.52	Cum	438.40	7242.37
120	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate 40mm and Above				

R = $\frac{1}{2}$

121	Ist 5000m	1.78	Cum	375.13	667.73
122	Carriage of materials by manual means including loading, unloading, stacking of materials- Stone Soling				
123	Ist 5000m	2.98	Cum	818.35	2438.68
124	Carriage of materials by manual means including loading, unloading, stacking of materials- Cement				
125	Ist 5000m	7.65	Tonne	210.69	1611.78
126	Provision for road cuts	1	Job	627000.00	627000.00
127	Provision for pipe specals as per site Engineer	1	Job	466000.00	466000.00
Total					13208536.90
Allotted Rates @ 2% above Adv Cost					264170.74
Net Allotted Cost					13472707.64

 Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

Sheikh Enterprises
Hilal Ahmad Sheikh

Mohd Akbar Sheikh
: Sirajpora
No : SE(RandB)SB-D-1694 OF 2019-20
No : AA010922208726E
PHE/Hand/ 3426-29 Date:- 22/02/2023

Adv. Cost :- Rs 41.27 Lacs
Allotted Cost:-Rs. 4127382.10/-
Time of Completion 90 days

Sub: Laying and fitting of Pipes for Water Supply Scheme Kargama Kohru under J.M.

Ref:- Your tender in response to this office E-NITT No 29 /PHE /Hand of 11/2022 S.No.29 issued under this

Office No.2478-88 of 12-12-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Ptg/MoM/11731-46 dated 02-01-2023.

3. Accord No.CE/PHE/DB/246 Of 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/252 of 08/2022 Dated:-31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjectied work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under.

Sl.No	Description of Work /Item(s)	No.of Qty	Units	Allotted Rate	Amount
1	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: 2.9.1 All kinds of soil :	2010.96	Cum	252.05	506862.47
2	Ordinary rock :	223.44	Cum	470.00	105016.80
3	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	1340.64	Cum	436.00	584519.04
4	Ordinary rock :	148.96	Cum	841.60	125364.74
5	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	2105.45	Qtl	245.55	516993.25
6	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket.				
8	150mm (7000mtr)	1147.54	each	144.70	166049.04
9	125mm (2000 mtr)	327.87	each	117.20	38426.36

R-2/2

	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	3351.60	Cum	198.70	665962.92
	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
15 mm dia. nominal bore	3000.00	m	20.25	60750.00	
20 mm dia. nominal bore	2500.00	m	20.25	50625.00	
25 mm dia. nominal bore	2000.00	m	30.65	61300.00	
40 mm dia. nominal bore	1500.00	m	40.80	61200.00	
50 mm dia. nominal bore	1200.00	m	40.80	48960.00	
65 mm dia. nominal bore	451.00	m	73.05	32945.55	
20	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
21	100mm dia GI	141.00	Joint	1320.00	186120.00
22	80mm dia GI	90.00	Joint	1210.00	108900.00
23	Carriage of Pipes from Divisional Store Handwara up to dumping site on road by M T D.I pipes				
25	150mm	7000.00	M	6.29	44030.00
27	100mm	2000.00	M	3.77	7540.00
28	Carriage of Pipes from Divisional Store Handwara up to dumping site on road by M T GI pipes	24.88	MT	153.42	3816.94
29	Provision 5% for pipe specials	1.00	JOB	752000.00	752000.00
	Net Allotted Cost				4127382.10

Checked by
Head Draftsman

Safdar
Executive Engineer
PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JS Division Handwara

MS : Mohd Shafi Bhat
 S/o : Gh Rasool Bhat
 g/o : Machipora
 Regd No : 79/BK-SE-PWD/DEE/2008-09
 GST No. : 01BETPB9418K2ZA

No:- PHE/Hand/ 3450-53 Date:- 27/2/2023

Adv. Cost :- Rs 84.93 lacs

Allotted Cost:-Rs.8663712.41/-

Time of Completion 120 days

Sub: Laying and fitting Including Successful Testing and Commissioning of Intake Main, Supply mains, Pipe Distribution Network and Construction Including Successful Testing Commissioning of Chowkidar Quarter, Sluice Chambers and Chain Link Fencing for WSS Badra Payeen Under JJM

Ref:- Your tender in response to this office E-NIT No .34/PHE /Hand of 12/2022, S.No.10 issued under this Office No.2620-30 of 22-12-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/12853-70 dated.09-02-2023

3. Accord No. CE/PHE/DB/246 of 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/234 of 08/2022 Dated:-31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
2	All kinds of soil :	2836.36	Cum	436.00	1236652.96
3	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
4	Ordinary rock	491.89	Cum	841.60	413974.62
5	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				
6	All kinds of soil :	315.54	Cum	252.05	79531.86
7	Ordinary rock	25.82	Cum	470.00	12135.40
8	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
9	All kinds of soil :	12.26	Cum	81.65	1001.03
10	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	4540.50	Cum	198.70	902197.35
11	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	37.77	Cum	1320.00	49856.40

Badrapayeen

Page 1

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Shafiq
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	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:			
13	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	47.2	Cum	6465.20 305157.44
14	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	66.00	Cum	5399.02 356335.32
15	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	36.93	Cum	4861.84 179547.75
16	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level			
17	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	3.36	Cum	6978.68 23448.36
18	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.			
19	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.24	Cum	9408.14 77523.07
20	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:			
21	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.16	Cum	9849.35 11425.25
22	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:			
23	Dry random rubble masanory with hard stone in foundation and plint with bond stone in quarry	18.67	Cum	2497.50 46628.33
24	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand). Incld extra above plinth	17.76	Cum	7111.31 126296.87
25	Extra for brickwork in superstructure above plinth level upto floor V level	17.76	Cum	1522.19 27034.09
26	Cement conc. flooring 1:2:4 mix finished with a floating coat of neat cement incld. cement slurry, but excl. the cost of nosing of steps etc. complete, 50 mm thick with 20 mm nominal size, stone agg. (Crushed)	33.54	Sqm	505.00 16937.70
27	Marble stone flooring with 18 mm thick marble stone, sample of marble shall be approved by Engineer I/C over 20mm (avg.) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid & jointed with grey cement slurry incld. rubbing and polishing complete with (Makrana white second quality).	10.49	Sqm	2171.10 22774.84

	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	19.61	Sqm	1161.05	22768.19
29	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position:- First class KD. Wood	1.76	Cum	60000.00	105600.00
30	P/F of panelled or panelled and glazed shutters for door, window, and clerestory windows including ISI marked black enameled M.S. Butt hinges with necessary screws excluding cost of paneling, first class kail wood 35 mm thick	16.56	Sqm	3093.80	51233.33
31	P/F 35 mm thick wire gauze shutters using glavansoned M.S. wire gauze of average width for aperture 1.4mm with wire of dia. 0.63 mm for doors, windows and clerestory windows including ISI marked bright finished or/ and black enameled M.S. Butt hinges with necessary screws, kail wood.	11.43	Sqm	3307.80	37808.15
32	P/F aluminium handles ISI mark with necessary screws all complete 100mm long	36	No.	52.30	1882.80
33	P/F aluminium handles ISI mark with necessary screws all complete 150mm long	8	No.	66.35	530.80
34	P/F aluminium tower bolts ISI mark with necessary screws all complete 100mm long	72	No.	57.35	4129.20
35	P/F aluminium tower bolts ISI mark with necessary screws all complete 150mm long	8	No.	89.20	713.60
36	P/F bright finished brass 100mm mortice latch and lock with 6lever and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	4	No.	1839.60	7358.40
37	P/F aluminium hanging floor single rubber door stopper isi mark with necessary screws all complete	4	No.	54.60	218.40
38	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete. poplar wood	3.46	Cum	30000.00	103800.00
39	Providing Corrugated G.S sheet roofing fixed with polymer coated J or L hooks, bolts and nuts 8mm dia meter with bitumen & G.I implet washers or with G.I implet washers filled with white lead & incld. a coat of approved steel primer and two coat of approved paint on overlapping of sheets complete excluding the cost of purlins, rafters and trusses. (0.63mm thick)	89.59	Sqm	951.80	85271.76
40	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gram/m ²	48.17	m	691.35	33302.33
41	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron orissa pattern, 10 Ltr low level PVC cistern, incl. all fittings and fixtures complete and pan size of 580 x 440 mm.	1	Each	5534.85	5534.85
42	Providing and fixing Stainless Steel kitchen sink with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets without drain board 610x510mm bowl depth 200mm	1	Each	4575.20	4575.20

Badrapayeen

43	Providing and placing on terrace polyethylene water storage tank with cover and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	500	Litre	11.25	5625.00
44	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. of 15 mm bore.	18	Metre	431.10	7759.80
45	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (external work)	18	Metre	163.55	2943.90
46	Providing and fixing CP brass bib cock of approved quality of 15 mm nominal bore.	3	Each	436.50	1309.50
47	Providing and fixing CP brass long nose bib cock of approved quality of 15 mm nominal bore.	4	Each	624.30	2497.20
48	Providing and fixing CP brass angle value of approved quality of 15 mm nominal bore.	3	Each	536.10	1608.30
49	Providing and fixing brass stop cock of approved quality of 15 mm nominal bore.	1	Each	657.30	657.30
50	Providing and fixing of PVC soil, waste and vent pipes of reputed make and 100mm dia. Incl. earthwork, refilling etc	9	m	300.00	2700.00
51	Providing and fixing of PVC soil, waste and vent pipes of reputed make and 75mm dia. Incl. earthwork, refilling etc	6	m	275.00	1650.00
52	P/F internal electrification, incl providing lighting/heating points, wires/switches, MCBS, conduit pipes of approved make Havells/Anchor/GM. (As directed by Engineer Incharge) to be paid as per actual	1	Job	40000.00	40000.00
53	Centering and shuttering including strutting, propping etc. and removal of form for:				
54	Foundations, footings, bases of columns etc. for mass concrete.	157.08	sqm	262.30	41202.08
55	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	389.4	sqm	573.85	223457.19
56	Suspended floors, roofs, landings, balconies and access platforms.	8.00	sqm	635.60	5084.80
57	Edges of slabs and breaks in floors and walls	18.8	m	242.30	4555.24
58	Thermo-Mechanically Treated bars of grade Fe-500D or more.	1044	Kg	87.18	91015.92
59	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	5331.00	Kg	91.03	485280.93
60	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Welded	500.00	Kg	102.14	51070.00
61	Structural steel work in single section fixed for grill work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	103.5	Kg	179.90	18619.65
62	Providing & fixing of MS fittings viz bends of suitable degree, tees, collars etc to be fabricated from 6mm Nominal Size MS plate as per the requirement of site including cost of welding. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job.	150	Kg	147.82	22173.00
63	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the Made of G.I. wire of dia 4 mm direction of Engineer-in-charge	411	sqm	733.50	301468.50
64	12mm Cement plaster finished with a floating coat of neat cement of mix:				
65	12mm Cement plaster				

Badrapayeen

P- 5/6

64	4 (1 cement : 4 fine sand) providing and applying white cement based putty of 2mm thickness over plastered surfaces to prepare the surface even and smooth complete..	372	Sqm	260.05	96738.60
65	Distempering with oil bound wasable distemper of approved brand and manufacture to give an even shade. New work (two or more coats) over and including priming coat with cement primer.	112.11	Sqm	172.40	19327.76
66	Applying one coat of water thinable cement primer of approved brand and manufacture on wall surface.	112.11	Sqm	149.05	16710.00
67	Applying one coat of water thinable cement primer of approved brand and manufacture on wall surface.	66.63	Sqm	59.35	3954.49
68	Applying priming coat with ready mixed primer of approved paint of required shade on new work.	36.75	Sqm	59.50	2186.63
69	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.Two or more coats on new work	457.37	Sqm	121.95	55776.27
70	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	396	sqm	91.80	36352.80
71	With ready mixed primer of approved brand and manufacture and required shade	36.75	sqm	59.50	2186.63
72	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.	457.37	sqm	121.95	55776.27
73	Two or more coats on new work	603.16	Qtl	245.55	148105.94
74	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)				
75	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
76	150mm dia D.I				
77	125mm dia D.I	166	Each	117.20	19455.20
78	100mm dia D.I	419	Each	89.70	37584.30
79	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
80	15 mm dia. nominal bore	8000	m	20.25	162000.00
81	20 mm dia. nominal bore	6000	m	20.25	121500.00
82	25 mm dia. nominal bore	6000	m	30.65	183900.00
83	40 mm dia. nominal bore	5000	m	40.80	204000.00
84	50 mm dia. nominal bore	5000	m	40.80	204000.00
85	65 mm dia. nominal bore	1300	m	73.05	94965.00
86	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
87	80 mm dia. pipe	386	Joint	1100.00	424600.00
88	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Sand:				
89	15 km	81.43	Cum	341.57	27814.05
90	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				
91	22 km				
92	15 km	129.06	Cum	341.57	44083.02
93	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				
94	15 km	17.03	Cum	371.29	6323.07
95	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				
96	15 km	38.73	Cum	401.83	15562.88
97					
98					

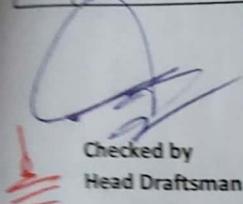
Badrapayeen

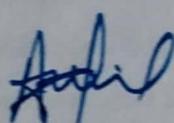
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Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				
24 km				
15 km	59.18	Tonne	303.65	17970.01
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks 120km	8436	No.	3.71	31297.56
Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				
20km	91.58	MT	303.65	27808.27
Carriage of DI pipes by mechanical transport including loading, unloading, stacking at site avg. 15 kms				
125mm dia D.I	1000	M	9.97	9970.00
100mm dia D.I	2550	M	7.46	19023.00
Provision for pipe specials as per site engineer	1	Job	741000.00	741000.00
Total				8493835.70
Allotted Rates @ 2% above Adv Cost				2%
Net Allotted Cost				8663712.41


Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

Khan and Sons
 Gh Mohammad Khan
 Ab Samad Khan
 Nagri Malpora
 R/o : 117/SE/HYD/HAND/BEE/CIVIL/2006-07
 Regd No. : 01FIVPK2979A1Z4
 GST NO. :
 No. - PHE/Hand/ 3292-95

Date: - 13/2/2023

8-1/3

Adv. Cost : - Rs 37.94 Lacs

Allotted Cost:-Rs. 3259520.77/-

Time of Completion 120 days

Sub : Construction Including Successful Testing and Commissioning of Constt of 0.50 Lac gallons capacity SR, Constt of Anchor Block, Provision for Road cuts for Gamandar Huddorpora Chan Mohalla Nagri under JJM

Ref:- Your tender in response to this office E-NIT No 34 /PHE /Hand of 12/2022 S.No.25 issued under this Office No..2620-30 of 22-12-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/12446-76 dated. 23-01-2023
3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dated:- 31-08-2022
4. Technical Sanction Order No.CE/PHE/DB/249 of 08/2022 Dated:- 31-08-2022

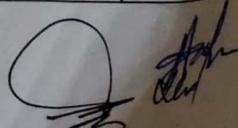
For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
2	All kinds of soil :	30.24	Cum	436.00	13184.64
3	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. (All kinds of soil)	232.64	Cum	188.75	43910.80
4	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				0.00
5	All kinds of soil :	99.70	Cum	539.35	53773.20
6	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	78.33	Cum	1320.00	103395.60
7	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				0.00
8	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	16.32	Cum	4861.84	79345.23
9	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				0.00
10	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	17.71	Cum	6978.68	123592.42

[Signature]

R2/13

	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	32.94	Cum	7800.76	256957.03
2	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering, shuttering, finishing and reinforcement.				0.00
3	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	39.04	Cum	9408.14	367293.79
14	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				0.00
15	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	0.5	Cum	9849.35	4924.68
16	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				0.00
17	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.08	Cum	10404.52	84068.52
18	Providing and fixing of PVC pipe bends/extension as air vents 150 mm dia. Pipe	12	No.	290.00	3480.00
19	Providing and laying S&S C.I. standard specials such as tees, bends, collars, tapers, caps etc (Heavy class) 19.19.1 Up to 300 mm dia.	2.5	Qtls	5281.65	13204.13
20	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). 19.25.1 100 mm dia.	3	No.	4597.85	13793.55
21	Centering and shuttering including strutting, propping etc. and removal of form for:				0.00
22	Foundations, footings, bases of columns etc. for mass concrete.	112.54	sqm	262.30	29519.24
23	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	283.64	sqm	573.85	162766.81
24	Suspended floors, roofs, landings, balconies and access platforms.	4	sqm	635.60	2542.40
25	Arches, domes, vaults upto 6 m span	64.68	sqm	2086.80	134974.22
26	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				0.00
27	foundation	1804	sqm	52.46	94637.84
28	Walls	245.42	sqm	114.77	28166.85
29	Dome	64.68	sqm	417.36	26994.84
30	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				0.00
31	Thermo-Mechanically Treated bars of grade Fe-500D or more.	7469	Kg	87.45	653164.05
32	12mm Cement plaster finished with a floating coat of neat cement of mix:				0.00



Q-3/3

3	1 : 3 (1 cement : 3 fine sand)	195.72	Sqm	343.75	67278.75
34	Providing and fixing sheet covering over expansion joints with iron screws as per design Aluminum fluted strip 3.15 mm thick 200 mm wide	50	Mtrs	644.55	32227.50
35	Providing and admixing water proofing compound in cement concrete	100	Ltr	85.00	8500.00
36	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Sand:				0.00
37	20km	54.44	Cum	402.29	21900.67
38	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				0.00
39	20 km	15.93	Cum	402.29	6408.48
40	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				0.00
41	20 km	14.63	Cum	437.30	6397.70
42	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bajri				0.00
43	37 Km	72.5	Cum	295.32	21410.70
44	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				0.00
45	20 km	70.77	Cum	473.25	33491.90
46	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				0.00
47	20 km	105.83	Tonne	357.64	37849.04
48	Construction of approach road	1	job	605000.00	605000.00
	Total				3134154.59
	Allotted Rates @ 4% above Adv Cost				4%
	Net Allotted Cost				3259520.77

Checked by
Head Draftsman

Abhishek
Executive Engineer
PHE Jal Shakti Division Handwara

JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANWARA

: Ab Ahad Bhat
 : Mohd Subhan Bhat
 : Herpora
 Regd No : SE/R&B/SB-D-1378 OF 2019-20
 GST NO. : AA010922049008J
 No:- PHE/Hand/ 3335-38

Date:- 15/02/2023

Adv. Cost :- Rs 53.60 Laes

Allotted Cost:-Rs. 5467822.50/-

Time of Completion 120 days

Sub : Commissioning of Laying and Fittings of different dia DI/GI pipes and Revamping of PST for WSS Augmentation Zagsundri
 (Under JJM)

- Ref:- Your tender in response to this office E-NIT No 33 /PHE /Hand of 12/2022 S.No.17 issued under this
 Office No..2478-88 of 12-12-2022
 2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/12446-76 dated. 23-01-2023
 3. Accord No.016/DSE/IHI/DB/ OF 25-08-2022
 4. Technical Sanction Order No.CE/PHE/DB/580 of 08/2022 Dated:-12-09-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

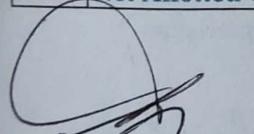
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				
2	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	162.46	Cum	9408.14	587632.42
3	Centering and shuttering including strutting, propping etc. and removal of form for:				
4	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	224.40	sqm	573.85	128771.94
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				
6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	3747	Kg	87.18	326663
7	12mm Cement plaster				
8	1 : 4 (1 cement : 4 fine sand)	248.4	Sqm	260.05	64596.4

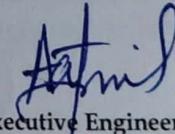
Zagsundri

*Shahid
Kew*

Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	3213	Cum	436.00	1400868.00
Ordinary rock : Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	567	Cum	841.60	477187.20
Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)	3402	Cum	198.70	675977.40
Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.	1255	Qty	245.55	308165.25
250mm dia D.I	333	Each	259.90	86546.70
125mm dia D.I	333	Each	117.20	39027.60
Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
15 mm dia. nominal bore	3000	m	20.25	60750.00
20 mm dia. nominal bore	3500	m	20.25	70875.00
25 mm dia. nominal bore	3000	m	30.65	91950.00
40 mm dia. nominal bore	2000	m	40.80	81600.00
50 mm dia. nominal bore	2500	m	40.80	102000.00
65 mm dia. nominal bore	1500	m	73.05	109575.00
80 mm dia. nominal bore	1500	m	73.05	109575.00
Dismantling of pipes including earth work and backfilling 65mm dia	1000	Mtr	110.60	110600.00
Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
65 mm dia. pipe	164	Joint	1100.00	180400.00

Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				<i>Page 1/3</i>	
15 km		51.07	MT	303.65	15507.41
Carriage of DI pipes by mechanical transport including loading, unloading, stacking at site avg. 12 kms					
250mm dia D.I	20.00	M	28.76	575.20	
125mm dia D.I	20	M	12.44	248.80	
Carriage of DI pipes upto site if work by manual labour incl. laoding unaloading stacking etc					
250mm dia D.I	20	Mtr	5.83	116.60	
Beyond Ist 50m	20	Cum	1.91	38.20	
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Sand:					
15 km	28.107	Cum	280.85	7893.85	
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :					
15km	53.09	Cum	295.32	15678.54	
Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel					
12 km	28.72	Tonne	271.25	7790.30	
Provision for pipe specials as per site Engineer	1	L.S	300000.00	300000.00	
Total				5360610.29	
Allotted Rates @ 2% above Adv Cost				2%	
Net Allotted Cost				5467822.50	


 Checked by
 Head Draftsman



 Executive Engineer
 PHE Jal Shakti Division Handwara

Page 1/1

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSB DIVISION HANWARA

Mohd Qasim Lone
Mohd Majnoon Lone
Sohail Rafiabadi
JMC/BEE/CIVIL/SANITARY/OF2021-22
Ref. No. NPL1316KJZU
Date: 15/2/2023

Adv. Cost :- Rs 132.00 Lacs
Allotted Cost: Rs.13217281.00/-
Time of Completion _____ days

Sub:- Laying and Fitting of different dia DI/G.I. pipes for various areas of WSS Ashpora under JMW
Ref:- Your tender in response to this office E-NIT No 33 /PHE /land of 2022-23 S.No.30 issued under this
Office No.

2. District Development Commissioner Kupwara's authorization No. DDCK/Pig/MoM/12446-76 of 23-01-2023
3. Accord No.CE/PHE/DIV/JIN/259 of 09/2022 dtd. 07-09-2022
4. Technical Sanction Order No.CE/PHE/DIV/ 647 of 09/2022 dtd. 17-09-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

SLN No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. (All kinds of soil)	4985.76	Cum	252.05	1256660.81
2	ordinary rock	879.84	Cum	470.00	413524.80
3	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	5865.60	Cum	436.00	2557401.60
4	ordinary rock	2070.30	Cum	841.60	1742364.48
5	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
6	80MM DIA	5100.00	RM	73.05	372555.00
7	65MM DIA	6000.00	RM	73.05	438300.00
8	50MM DIA	9000.00	RM	40.8	367200.00
9	40MM DIA	10000.00	RM	40.8	408000.00
10	25MM DIA	11000.00	RM	30.65	337150.00
11	20MM DIA	12000.00	RM	20.25	243000.00
12	15MM DIA	15000.00	RM	20.25	303750.00
13	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
14	80 mm dia. pipe	565.00	Joint	1100	621500.00
15	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	3141.71	Qtl	245.55	771446.89
16	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket				
17	250mm dia	333.00	Joint	259.9	86546.70
18	150mm dia	33.00	Joint	144.7	4775.10
19	125mm dia	666.00	Joint	105	69930.00
20	100mm dia	1516.00	Joint	89.7	135985.20
21	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	12421.80	Cum	198.7	2468211.66
22	Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc.	222.92	MT	264.04	58859.80
23	Carriage of D. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc				
24	250mm=	20.00	100/mtr	2501.25	50025.00
25	150mm=	2.00	100/mtr	1082.03	2164.06
26	125mm=	40.00	100/mtr	867.19	34687.60
27	100mm=	166.00	100/mtr	396.00	65736.00
28	Carriage of D. I. Pipes upto site of work by manual labour., including Loading, unloading, stacking etc.				
29	250mm dia	20.00	100/mtr	5070.06	101401.20
30	125mm dia	20.00	100/mtr	1281.41	25628.20
31	100mm dia	70.00	100/mtr	4006.82	280477.40
32	Provision for pipe specials shall be paid as per actual requirement at site which shall not exceed 3% of total allotted cost and without any further escalation to allotted amount. The rates of pipe specials shall be paid as per LMR to be certified by AEE			317000	317000.00
	Total				13217281.50

Checked by
Head Draftsman

Ahsan
Executive Engineer
PHE Jal Shakti Division Handwara

**GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDBARA**

: Nazir Ahmad Mir
 : Ab Khalid Mir
 : Hatmulla
 R/o : 04/SE/HH/BEE/CIVIL/2007-08
 Regd No : 01ATIPM6788L1Z4
 GST NO. : PHE/Hand/ 3296-99
 Date:- 13/2/2023

Adv. Cost :- Rs 66.53 Lacs
 Allotted Cost:-Rs. 6004956.06/-
 Time of Completion 120 days

Sub : Construction Including Successful Testing Commissioning ,Construction of f pumps house cum operators quarter,Construction of 0.50 Lac Gallons capacity SR, for WSS Mehmoodabad Babernag Hatmulla under JJM

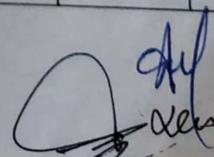
- Ref:- 1. Your tender in response to this office E-NIT No 34 /PHE /Hand of 12/2022 S.No.22 issued under this Office No..2620-30 of 22-12-2022
 2. District Development Commissioner Kupwara's authorization No. DDCK/Pig/MoM/12433-45 dated. 23-01-2023
 3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dated:- 31-08-2022
 4. Technical Sanction Order No.CE/PHE/DB/246 of 08/2022 Dated:- 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus <u>excavated earth as directed</u> .				
2	For all kinds of soil (80% of above qty)	30.65	Cum	436.00	13363.40
3	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. 2.7.1 All kinds of soil :	232.64	Cum	188.75	43910.80
4	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil :	99.70	Cum	539.35	53773.20
5	Providing and laying stone soling	43.13	cum	1320.00	56931.60
6	Providing & Laying in position cement concrete of specified grade excluding the cost of centering and shuttering all work upto plinth level 1:4:8mix	23.17	Cum	4861.84	112648.83
7	Providing & Laying in position cement concrete of specified grade excluding the cost of centering and shuttering all work upto plinth level 1:3:6mix (1 Cement: 3sand: 6 Graded stone aggregate)	39.95	Cum	5437.74	217237.71
8	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	20.00	Cum	6978.68	139573.60

X=2/6

Reinforced cement concrete work in (any thickness) including attached pilasters, buttress, plinth and string, courses, columns, fillets etc upto v-level excluding cost of centering, shuttering, and reinforcement in 1:1.5:3 mix (1 cement : 1.5 sand: 3 graded stone aggregates) M20				0.00
Raft	32.94	cum	7800.76	256957.03
Walls	39.04	Cum	9408.14	367293.79
Slabs	0.50	Cum	9849.35	4924.68
Providing and laying in position R.C.C 1:2:4 mix in domes, arches etc	8.08	cum	10404.52	84068.52
Reinforcement for RCC works including straightening, cutting, bending and placing in position all complete (TMT)	8806.00	Kg	79.25	697875.50
Priming coat of steel work rolling shutters	10.00	Sqm	52.75	527.50
Providing and laying upto floor v level reinforced cement concrete in kerbs, steps and the like including curing but excluding the cost of centering, shuttering, finishing and reinforcement with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	19.23	Cum	9036.39	173769.78
From work: Centering and shuttering including strutting, propping etc and removal of same for				0.00
Foundation	26.61	Sqm	262.30	6979.80
Walls	362.07	sqm	573.85	207773.87
Suspended Floors	94.96	Sqm	635.60	60356.58
Beams	37.95	Sqm	502.85	19083.16
Dome	64.68	Sqm	2086.80	134974.22
Columns	33.00	Sqm	680.15	22444.95
edges of slabs under 20cm wide				0.00
Extra for Centering and shuttering in circular work				0.00
Foundation	1804.00	Sqm	52.46	94637.84
Walls	245.42	sqm	114.80	28174.22
Suspended Floors				0.00
Dome	64.68	Sqm	1008.50	65229.78
12 mm thick cement plaster 1:3 mix	195.72	Sqm	325.45	63697.07
Providng and fixng of PVC Pipes bends/extension as per vents	12.00	No	180.00	2160.00
1 Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 : 150mm dia DI pipe	100.00	Mtr	1799.65	179965.00
Providing and laying S&S C.I. standard specials such as tees, bends, collars, tapers, caps etc (Heavy class) Up to 300 mm dia.	2.50	Mtr	5281.65	13204.13
Supply filling levelling and spreading of stone boulders behind wall surfaces (with second class quarry stone)	61.41	Cum	816.40	50135.12
Extra for providing/Mixing of water proofing material Impermo or equivalent in cement concrete	199.14	kg	85.00	16926.90
Boulder/stones felling around the exposed walls of SR inlayers				0.00
18mm Cement plaster in two coats under layer 12mm thick cement plaster 1 : 5 (1 cement : 5 coarse sand) finished with a top layer 6mm thick cement plaster 1 : 3 (1 cement : 3 coarse sand) finished rough with sponge	218.46	Sqm	392.60	85767.40
Brick work with common burnt clay F.P.S (non modular) bricks of glass designatin 75 in foundation and plinth in Cement mortar 1:6 (1 cement:6 fine sand)	33.25	Cum	5465.35	181722.89
Extra for brick work in superstructure above plinth level upto floor V level. (By manual means)	33.25	Cum	1323.65	44011.36



A handwritten signature consisting of stylized initials and a surname, appearing to read "dhy Alex".

8/3/6

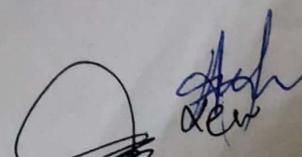
Cement concrete flooring(1:2:4) mix 50mm thick in
floors.

	73.90	Sqm	505.00	37319.50
Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical or curved surface)excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.80 mm thick with zinc coating not less than 275 gram/m ²	114.25	Sqm	1136.05	129793.71
42 P/F of plain Eaves boarding of budloo wood 40mm thick and 300mm wide	59.26	Mtr	700.00	41482.00
43 Providing and fixing 20mm thick wooden plank ceilings in 2nd class kail wood.	23.61	Sqm	1712.85	40440.39
44 providing and fixing of 750x750mm manhole cover with angle iron frame 4mm thick Ms sheet	4.00	job	5000.00	20000.00
45 Providing 40x5mm flat iron hold fasts 40cm long incl. fixing to frame with 10mm dia bolts, nuts and wooden plugs and embedings in cement concreete block 30x10x15 cm (1:3) mix (20mm nominal size)	37.50	No	113.80	4267.50
46 Providing & fixing aluminium sliding door bolt ISI marked annodized (Anodic coating not less than grade AC 10 as per IS-1868) transparent or dyed to required colour or shade with nuts and screws etc. complete	6.00	No	292.80	1756.80
47 P/F of Almunium towe Both anodized	6.00	No	89.20	535.20
48 200x10mm	6.00	No	115.50	693.00
49 300x10mm	32.00	No	80.35	2571.20
50 150x10mm				0.00
51 Providing and Fixng og almunium handled ISI marked & anodised with screws	6.00	No	66.35	398.10
52 125mm-1x6	32.00	No	52.30	1673.60
53 100mm 1x32	10.20	Sqm	1249.30	12742.86
54 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of tile 500x500 mm	75.60	Rm	1161.04	87774.62
55 Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.				

8-4/6

	Providing and fixing Polyethylene- Aluminum-Polyethylene (PE-AL PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge: Internal work-exposed on wall with clamps at 1.00 meter spacing 1.1.3 2025 (25mm OD) pip	36.00	Rm	321.15	11561.40
57	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS: 15801, UV stabilized and anti-microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass threaded Polypropylene random fittings. This includes testing of joints complete as per direction of Engineer-in charge.PN-10 pipe , 110mm OD /SDP 11	20.00	Rm	1818.00	36360.00
58	Providing and fixing water closet squatting pan Indian type WE with 10 lit flushing eastern stainless steel orissa pattern flushing pipes 585 x480mm	1.00	No	3850.00	3850.00
59	Providing and fixing stainless steel kitchen sink	1.00	No	4730.00	4730.00
60	P/F of 25mm nominal bore CP brass Bib cock of approved quality				0.00
61	Long nose	2.00	No	624.65	1249.30
62	Short nose	2.00	No	436.50	873.00
63	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of standard design and of approved make conforming to IS : 8931	3.00	No	657.00	1971.00
64	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	1.00	No	536.10	536.10
65	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in charge.	30.00	No	62.30	1869.00
66	P/F of PVC door felting of approved make				0.00
67	100mmxFloor Trap	1.00	No	550.00	550.00
68	100mm x Door Function	1.00	No	3750.00	3750.00
69	100mm x Collar	4.00	No	180.00	720.00
70	100mm x Gasket	10.00	No	220.00	2200.00
71	100mm x Bend	5.00	No	270.00	1350.00
72	80mm x Door Functioning	2.00	No	320.00	640.00
73	80mm x Floor Trap	2.00	No	260.00	520.00
74	80mm x bend	6.00	No	230.00	1380.00
75	80mmx Collar	4.00	No	160.00	640.00
76	Floor Gratings	3.00	No	270.00	810.00
77	Providing and fixing of concealed electric wiring in PVC pipe 4mm multistand for heating point x 2mm multistand garage light point incl P/F of heating & electric point inclusive of switch MCB complete in al respect				0.00
78	Heating Point	8.00	No	1700.00	13600.00
79	Lighting Point	20.00	No	850.00	17000.00
80	Providing and applying white cement based putty of 0.20mm thickness overall.	119.32	Sqm	172.40	20570.77
81	Distempering with oil bound washable distemper on wall surface	119.32	Sqm	149.05	17784.65

	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge <i>second class kail wood</i>	17.44	Cum	2745.95	47889.37
3	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws <i>second class kail wood</i>	19.96	Sqm	3338.05	66627.48
84	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of <i>Engineer in charge second class kail wood</i>	13.32	Sqm	3307.80	44059.90
85	Providing & fixing of 50 litre capacity gyser of approved quality (venus make or equivalent).	2.00	No	19000.00	38000.00
86	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of <i>approved steel primer all complete welded</i>	1029.00	Kg	92.85	95542.65
87	Applying priming coat with ready mixed red oxide of approved brand and manufacture on wood works	185.45	sqm	59.50	11034.28
88	Painting two or more coats of synthetic enamel paint of approved brand and manufacture.	144.75	sqm	179.80	26026.05
89	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): Second class kail wood	1.14	Cum	92065.55	104954.73
90	Finishing with Deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers' specifications: Two or more coats applied @ 1.25 liter/10sqm over and including one coat of special primer applied @ 0.75liter /10sqm	290.50	Sqm	137.45	39929.23
91	Providing hoisting and fixing trusses/purlins /rafters/posts/ post-plates or like components including cost of screws etc. complete <i>First class Budloo Fire Wood</i>	2.26	Cum	138685.40	313429.00
92	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position <i>Budloo/Fire wood</i>	0.90	Cum	60102.80	54092.52
93	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete. 12.4.1 0.80 mm thick with zinc coating not less than 275 gram/m ²	29.10	Mtr	762.00	22174.20



Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 0.63 mm thick with zinc coating not less than 275 gram/m ²	14.20	Rm	626.15	8891.33
95 Providing and fixing ball bearing for rolling shutters	1.00	each	483.10	483.10
96 Supply and Filling in plinth with fine Sand under Floors inclduing watering, canning etc	35.85	Cum	787.40	28228.29
97 Carraige of materials from actual site upto dumping site of work by mechanical transport including loading unloading and stacking				0.00
98 Cement steel from Divisional Store	74.26	M.Ton	357.64	26558.35
99 Bajri 20mm dia nominal size	108.02	Cum	411.99	44503.16
100 Sand From Bala avg lead 55kms	104.65	CUm	750.15	78503.20
101 40mm stone aggregate from Tujjar avg lead 35kms	66.72	Cum	411.99	27487.97
102 Bricks From Pampore	7500.00	No	3.59	26925.00
103 Stone soling from avg lea 30kms	90.00	Cum	473.25	42592.50
104 Construction of apporach road	1.00	Job	600000.00	600000.00
Total				5773996.21
Allotted Rates @ 4% above Adv Cost				4%
Net Allotted Cost				6004956.06

Checked by
Head Draftsman

Afzil
Executive Engineer
PHE Jal Shakti Division Handwara

Page 11

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDBARA

M/S : Muhshraq Ahmad Lone
 S/o : Ab Ahad Lone
 : Magam
 R- : 561/BK/SE/PWD/CEE/2004-05
 GS : 01ADYPL8040Q1ZV

No. : Hand/
 Date: 14/01/2023

954-60

Adv. Cost: - Rs 80.57 Lacs
 Allotted Cost: - Rs. 7526082.66/-
 Time of Completion 12 days

Sub : Laying and Fitting of different dia DI/G.I. pipes for various areas of WSS Khanpora (Under JJM)

Ref:- Your tender in response to this office E-NIT No 21./PHE /Hand of 09/2022 S.No.18 issued under this Office No..1332-42 of 25-08-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/11004-14 dated. 13-12-2022

3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dtd:- 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/232 of 08/2022 Dated:- 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed: All kinds of soil	4247.60	Cum	436.00	1851953.60
2	ordinary rock	1061.90	Cum	841.60	893695.04
3	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres: All kinds of soil	2275.50	Cum	252.05	573539.78
4	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
5	100mm dia GI	1700.00	RM	107.70	183090.00
6	80MM DIA	3000.00	RM	73.05	219150.00
7	65MM DIA	3000.00	RM	73.05	219150.00
8	50MM DIA	9000.00	RM	40.80	367200.00
9	40MM DIA	7000.00	RM	40.80	285600.00
10	25MM DIA	8000.00	RM	30.65	245200.00
11	20MM DIA	9000.00	RM	20.25	182250.00
12	15MM DIA	12000.00	RM	20.25	243000.00
13	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
14	100 mm dia. pipe	164.00	Joint	1520.00	249280.00
15	80 mm dia. pipe	262.00	Joint	1100.00	288200.00
16	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	79.89	Qty	245.55	19616.99
17	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket				
18	200mm dia	18.00	Joint	213.00	3834.00
19	150mm dia/100mm dia	18.00	Joint	144.70	2604.60
21	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers- not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	6826.50	Cum	198.70	1356425.55
22	Carriage of Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc.	137.38	MT	357.63	49131.21
23	Provision for pipe specials shall be paid as per actual requirement at site which shall not exceed 3% of total allotted cost and without any further escalation to allotted amount. The rates of pipe specials shall be paid as per LMR/SSR of 2020 (Which ever shall be less)	1.00	Job	300000.00	300000.00
Total					7534445.66
Depreciation 0.111% for all items					(-) 8363.00
Net Allotted Cost					7526082.66

Checked by
Head Draftsman

Jamil
 Executive Engineer
 PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSR DIVISION HANDBARA

Sh : Muhshtaq Ahmad Lone
 : Ab Ahad Lone
 : Magam
 R/o : 561/BK/SE/PWD/CEE/2004-05
 Regd No : 01ADYPL8040QIZV

No: - PHE/Hand/ 2904-87 Date: - 16/01/2023

Adv. Cost : - Rs 53.70 Lacs
 Allotted Cost:-Rs.5370163.68/-
 Time of Completion ____ days

R = 1/2

Sub : Laying and fitting Including Successful Testing and Commissioning of Intake Main, Supply mains, Pipe Distribution Network WSS Shehlal Under JJM (Under JJM)

Ref:- Your tender in response to this office E-NIT No 21/PHE /Hand of 09/2022 S.No.32 issued under this Office No..1332-42 of 25-08-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/11004-14 dated. 13-12-2022

3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dtd:- 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/240 of 08/2022 Dated:- 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
2	All kinds of soil :	1744.66	Cum	436.00	760671.76
3	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
4	Ordinary rock	747.71	Cum	841.60	629272.74
5	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				
6	All kinds of soil :	1744.66	Cum	252.05	439741.55
7	Ordinary rock	747.71	Cum	470.00	351423.70
8	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	4486.30	Cum	198.70	891427.81
9	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)	478.56	Qty	245.55	117510.41
10	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
11	200mm dia D.I	18.00	Each	213.00	3834.00
12	150mm dia D.I	18.00	Each	144.70	2604.60
13	125mm dia D.I	18.00	Each	117.20	2109.60
14	100mm dia D.I	417.00	Each	89.70	37404.90

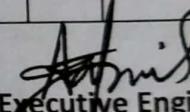
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M. A. J. Ali
Engineer

8-2/2

	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
15	15 mm dia. nominal bore	7000.00	Mtr	20.25	141750.00
18	20 mm dia. nominal bore	5000.00	Mtr	20.25	101250.00
19	25 mm dia. nominal bore	6000.00	Mtr	30.65	183900.00
20	40 mm dia. nominal bore	4000.00	Mtr	40.80	163200.00
21	50 mm dia. nominal bore	3500.00	Mtr	40.80	142800.00
21	65 mm dia. nominal bore	100.00	Mtr	73.05	7305.00
22	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
23	80 mm dia. pipe	427.00	Joint	1100.00	469700.00
24	100 mm dia. pipe	574	Joint	1520	872480.00
25	Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				
26	12 km	114.97	MT	271.25	31185.61
27	Carriage of DI pipes by mechanical transport including loading, unloading, stacking at site avg. 12 kms				
28	200mm dia D.I	100	MT	18.08	1808.00
29	150mm dia D.I	100	MT	12.44	1244.00
30	125mm dia D.I	100	MT	8.9	890.00
31	100mm dia D.I	2500	MT	6.66	16650.00
	Total				5370163.68

Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

P/1

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Ab Majeed Dar
 : Gh Mohi u Din Dar
 R/o : Handwara
 Regd No : 19/DSE/HYD/HAND/DEE/CIVIL/2013-14
 GST No. : AA011121031638V

No:- PHE/Hand/ 2980-83 Date:- 16/01/2023

Adv. Cost : - Rs 55.46 Lacs
 Allotted Cost:-Rs.5546885.29/-
 Time of Completion 00 days

Sub : Laying and Fitting of different dia DI/G.I. pipes for various areas of WSS Shatgund Bala (Under JJM)

Ref:- Your tender in response to this office E-NIT No. 30./PHE /Hand of 12/2022 S.No.17 issued under this Office No..2478-88 of 12-12-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/11731-46 dated. 02/01/2023.

3. Accord No.CE/PHE/DB/JJM/246 OF 08/2022

4. Technical Sanction Order No.CE/PHE/DB/235 OF 08/2022 DTD:- 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	4949.55	Cum	436.00	2158003.80
2	ordinary rock	873.45	Cum	841.60	735095.52
3	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
4	80MM DIA	4300	RM	73.05	314115.00
5	65MM DIA	3500	RM	73.05	255675.00
6	50MM DIA	4000	RM	40.80	163200.00
7	40MM DIA	4500	RM	40.80	183600.00
8	25MM DIA	3500	RM	30.65	107275.00
9	20MM DIA	4000	RM	20.25	81000.00
10	15MM DIA	3000	RM	20.25	60750.00
11	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket				
12	150mm dia	917	Joint	144.70	132689.90
13	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	5240.7	Cum	198.70	1041327.09
14	Carriage of D. I. Pipes by manual labour incl. laoding unloading 2000mtr	40	100/Mt	4146.00	165840.00
15	Carriage of D. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc.	55	100/Mt	1244.00	68420.00
16	Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc.	98.66	MT	303.00	29893.98
17	Add Provision for pipe specials as per site (Shall be paid as per site requirement. The Rates of pipes specials shall be paid as per SSR-20 or LMR which ever is less subject to maximum <i>Amount</i> as per allotment	1	LS	50000.00	50000.00
Total					5546885.29

Checked by
 Head Draftsman

Afzil
 Executive Engineer
 PHE Jal Shakti Division Handwara

OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

Mir Ahmad Geelani
Saif ud din Geelani
Rangapath
No : 177/SE/Hyd/BEE/Hand/2002-03
No. : 01ANYPG329SJ1ZM

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PHE/Hand/ 2949-SJ Date:- 14/01/2023

Adv. Cost :- Rs 53.34 Lacs
Allotted Cost:-Rs.5281071.20/-
Time of Completion 40 days

Sub : Laying and fitting of Pipes for Water Supply Scheme Yunsu Wahipora (Under JJM)

Ref:- Your tender in response to this office E-NIT No. 34./PHE /Hand of 12/2022 S.No.24 issued under this Office No..2620-30 of 22-12-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/11004-14 dated. 13-12-2022
3. Accord No.CE/PHE/DB/JJM/246 OF 08/2022
4. Technical Sanction Order No.CE/PHE/DB/250 OF 08/2022 DTD:- 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	1794.6	Cum	436.00	782445.60
2	ordinary rock	448.65	Cum	841.60	377583.84
3	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:	1794.6	Cum	252.05	452328.93
4	ordinary rock	448.65	Cum	470.00	210865.50
5	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
6	65MM DIA	900	RM	80.36	72324.00
7	50MM DIA	4000	RM	44.88	179520.00
8	40MM DIA	3500	RM	44.88	157080.00
9	25MM DIA	5500	RM	33.72	185460.00
10	20MM DIA	4500	RM	22.28	100260.00
11	15MM DIA	7000	RM	22.28	155960.00
12	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete Job.				
13	100mm dia. pipe	33	Joint	1520.00	50160.00
14	80mm dia pipes	164	Joint	1100.00	180400.00
15	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	870	Qty	270.11	234995.70

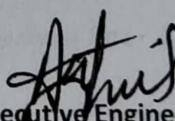
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viding push-on-joints to Centrifugally (Spun) Cast Pipes or Ductile Iron Pipes including testing of nits and including the cost of rubber gasket				
10mm	36.36	Joint	213.00	7744.68
50mm	36.36	Joint	144.70	5261.29
25mm	581.82	Joint	116.90	68014.76
00mm	133.33	Joint	89.70	11959.70
Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	4037.85	Cum	198.70	802320.80
Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 12 Kms, including Loading, unloading, stacking etc.	63.69	MT	235.87	15022.56
Carriage of D. I. Pipes upto site of work by manual labour., including Loading, unloading, stacking etc				
4 200mm=(FOR 200 mtrs)	200	100/mtr	15.72	3144.00
5 150mm=(FOR 200 mtrs)	200	100/mtr	10.82	2164.00
26 125MM (3200)	3200	100/mtr	7.74	24768.00
27 100MM (800)	800	100/mtr	5.79	4632.00
28 Provision 5% for pipe specials (Subject to actual requirement at site as per directions of Engineer incharge	1	Job	1250000.00	1250000.00
Total				5334415.36
Depreciation 1% for all items			(-)	53344.15
Net Allotted Cost				5281071.21

Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

**GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JS Division HANDWARA**

Mr. : Rayees Ahmad khan
 S/o : Shakeel Ahmad Khan
 R/o : Hyhama
 Regd No : 61/DSE/HYD/HAND/DEE/CIVIL/SANITARY/2014-15
 GST No. : 01EDJPK0890Q2ZA

No:- PHE/Hand/ 2777-79

Date:- 28/12/2022

Adv. Cost :- Rs 59.70 Lacs
 Allotted Cost:-Rs.5918904.55/-
 Time of Completion _____ days

Sub : Laying and Fitting of different dia G.I. pipes for various areas of WSS Awathkhul (Under JJM)

Ref:- Your tender in response to this office E-NIT No.29./PHE /Hand of 11/2022 S.No10 issued under this Office No..

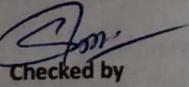
2. District Development Commissioner Kupwara's authorization No. DDCK/PIg/MoM/11004-14 dated. 13-12-2022

3. Accord No.CE/PHE/DB/JJM/246 of 08/2022 Dtd:- 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/248 of 08/2022 Dated:- 31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are enclosed under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	3894.97	Cum	427.280	1664242.78
2	ordinary rock	185.47	Cum	824.180	152860.66
3	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				0.00
4	100MM DIA	3250.00	RM	105.540	343005.00
5	80MM DIA	2250.00	RM	71.580	161055.00
6	65MM DIA	1250.00	RM	71.580	89475.00
7	50MM DIA	1050.00	RM	39.980	41979.00
8	40MM DIA	1800.00	RM	39.980	71964.00
9	25MM DIA	2000.00	RM	30.030	60060.00
10	20MM DIA	2000.00	RM	19.840	39680.00
11	15MM DIA	1000.00	RM	19.840	19840.00
12	P/F of MS flanges to GI pipes, incl. c/o nuts, bolts and rubber insertion. The job incl. cutting of threads, laying of pipes and all sorts of carriages (Complete Job).				
13	100MM DIA	524.00	Joint	1764.000	924336.00
14	80MM DIA	363.00	Joint	1470.000	533610.00
15	65MM DIA	201.00	Joint	1421.000	285621.00
16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	5240.70	Cum	194.720	1020469.10
17	Making Connections 20-40mm	50.00	No.	652.920	32646.00
18	Above 40mm	30.00	No.	1243.370	37301.10
19	Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 15 Kms, including Loading, unloading, stacking etc.	90.00	MT	411.110	36999.90
21	Add Provision for pipe specials as per site	1.00	LS	403760.000	403760.00


 Checked by
 Head Draftsman


 Executive Engineer
 PHE Jal Shakti Division Handwara

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSO DIVISION HANDBARA

M/S : Gh Muhammad Lone
 S/o : Ali Mohammad Lone
 D/o : Magana
 Regd No : 657/B/E/CE/KCC/PDC/2007-08

GST No. :

No: PHE/Han/ 2013-15

Date: 03/11/2022

Adv. Cost :- Rs 47.62 Lacs
 Allotted Cost:-Rs.4953507.80/-
 Time of Completion 60 days

Sub : laying and fitting Including Successful Testing and Commissioning of Supply mains, Pipe Distribution Network , Constt of 0.20 Lac , Constt of Sluice

Chmber, Constt of Chain Link fencing Constt of pump house Qtr WSS Zab under JJM.

Ref:- Your tender in response to this office E-NIT No 21/PHE /Han of 08/2022 S.No.39 issued under this Office No..1332-42 of 25-08-2022

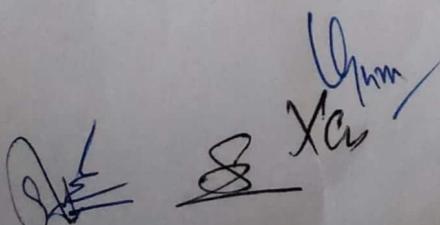
2 District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/9141-56 dated.25-10-2022

3. Accord No.CE/PHE/DB/JJM/ 015 OF 08/2022 Dated:- 25-08-2022

4 Technical Sanction Order No.CE/PHE/DB/571 of 09/2022 Dated:-12-09-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. (All kinds of soil)	120.260	Cum	196.30	23607.04
2	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
3	All kinds of soil :	2 450	Cum	84.92	208.04
4	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
5	All kinds of soil :	86.130	Cum	560.92	48312.38
6	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	715.540	Cum	453.44	324454.46
7	Ordinary rock :				
8	1 meter from cutting edge	171.220	Cum	875.26	149862.70
9	Making Connections distt system	10.000	No.	693.16	6931.60



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	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	878.700	Cum	206.65	181581.60
11	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	51.700	Cum	1372.80	70973.76
12	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
13	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	3.610	Cum	6723.81	24272.95
14	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	19.830	Cum	5614.98	111345.07
15	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	13.288	Cum	5056.31	67188.30
16	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				
17	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	33.840	Cum	7257.83	245604.87
18	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	9.200	Cum	8112.79	74637.67
19	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				
20	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	2.900	Cum	9784.47	28374.95

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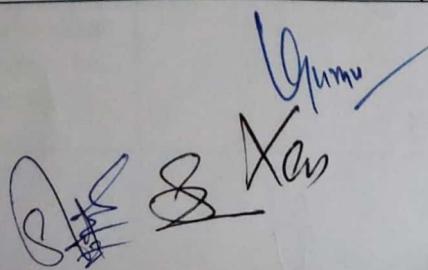
	Rinforced cement concrete work in beams, suspended floors, roofs having slope upto 15° , landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with:				
22	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	0.520	Cum	10243.32	5326.53
23	Providing and laying upto floor v level reinforced cement concrete in kerbs, steps and the like including curing but excluding the cost of centering, shuttering, finishing and reinforcement with:				
24	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	10.160	Cum	9397.85	95482.11
25	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with:				
26	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.810	Cum	10820.70	52047.57
27	Reinforced cement concrete work in chimneys, shafts upto floor five level including curing complete but excluding the cost of centering, shuttering, finishing and reinforcement with:				

	Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in - charge. Note: - Cement content	13.431	Cum	8686.85	116673.08
29	All works above plinth level upto floor V level	17.390	Cum	10134.24	176234.41
30	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	35.850	Cum	818.90	29357.42
31	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand). Incld extra above plinth	18.320	Cum	6431.10	117817.75
32	Extra for brickwork in superstructure above plinth level upto floor V level	18.320	Cum	1376.49	25217.33
33	Cement conc. flooring 1:2:4 mix finished with a floating coat of neat cement incld. cement slurry, but excl. the cost of nosing of steps etc. complete, 50 mm thick with 20 mm nominal size, stone agg. (Crushed)	39.700	Sqm	577.72	22935.48
34	Providing and fixing Polyethylene-Aluminum- Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS: 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. Elbows, tees, reducers, couplers and connectors etc. This includes testing of joints complete as per direction of the Engineer-in-charge	36.000	Rm	334.00	12023.86
35	PN-10 pipe , 110mm OD (SDR-11)	20.000	Rm	1890.72	37814.40

Signature: [Signature]

$$P = \frac{5}{10}$$

	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete 11.52.1 Size of tile 500x500 mm	5.100	Sqm	1299.27	6626.29
37	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	37.800	Sqm	1207.49	45643.20
38	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position:-First class KD. Wood	1.900	Cum	62400.00	118560.00
39	P/F of panelled or panelled and glazed shutters for door, window, and clerestory windows including ISI marked black enameled M.S. Butt hinges with necessary screws encluding cost of paneling, first class kail wood 35 mm thick	5.400	Sqm	3217.55	17374.78
40	P/F 35 mm thick wire gauze shutters using glavansoned M.S. wire gauze of average width for aperture 1.4mm with wire of dia. 0.63 mm for doors, windows and clerestory windows including ISI marked bright finished or/ and black enameled M.S. Butt hinges with necessary screws:- First class kail wood.	21.220	Sqm	3440.11	72999.18
41	P/f 40x50mm iron hold fasts	36.000	No.	46.80	1684.80



 [Signature]

$P = 6/10$

	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength confirming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters. 10.6.1 80x1.25 mm M.S. laths with 1.25 mm thick top cover	10.500	sqm	3367.73	35361.14
43	P/F of ball brings for rolling shutter	483.100	Nos	1.04	502.42
44	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position :	0.900	Cum	62506.91	56256.22
46	Providing and fixing 15cm wide 45 cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete. 12.7.1 0.80 mm thick with zinc coating not less than 275 gram/m ²	14.200	Rm	651.20	9246.98
47	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	86.310	Sqm	186.99	16139.28
48	With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	86.310	Sqm	61.88	5340.86
49	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	119.320	Cum	179.30	21393.60
50	Providing and fixing bright finished brass handles with screws etc. complete :	119.320	sqm	155.01	18496.03
51	Providing and fixing plained eaves boarding.250x32 mm (nominal size)	31.400	rm	721.66	22660.00
52	Providing and fixing 20mm thick wooden planks ceiling (frame work for base to be paid for separately) with M.S. screws	23.610	Rm	1781.36	42058.00

[Handwritten signatures and initials]

$$P = \frac{S}{16}$$

	Providing Corrugated G.S sheet roofing fixed with polymer coated J or L hooks, bolts and nuts 8mm dia meter with bitumen & G.I implet washers or with G.I implet washers filled with white lead & incld. a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete excluding the cost of purlins, rafters and trusses. (0.63mm thick)	62.480	sm	989.87	61847.20
54	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron orissa pattern, 10 Ltr low level PVC cistern, incl. all fittings and fixtures complete and pan size of 580 x 440 mm.	1.000	Each	5756.24	5756.24
55	Providing and fixing Stainless Steel kitchen sink with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets without drain board 610x510mm bowl depth 200mm	1.000	Each	4758.21	4758.21
56	Providing and fixing CP brass bib cock of approved quality of 15 mm nominal bore.	2.000	Each	453.96	907.92
57	Providing and fixing CP brass long nose bib cock of approved quality of 15 mm nominal bore.	2.000	Each	649.27	1298.54
58	Centering and shuttering including strutting, propping etc. and removal of form for:				
59	Foundations, footings, bases of columns etc. for mass concrete.	19.160	sqm	272.79	5226.69
60	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	821.080	sqm	596.80	490023.83
61	Suspended floors, roofs, landings, balconies and access platforms.	50.110	sqm	661.02	33123.91
62	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	31.180	sqm	522.96	16306.02
63	Columns, pillars, piers, abutments, posts and struts.	33.000	sqm	707.36	23342.75
64	Edges of slabs and breaks in floors and walls	38.490	sqm	3219.06	123901.62
65	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
66	foundation	7.116	sqm	0.21	1.48
67	Walls	135.210	sqm	0.21	28.12
68	beam	15.080	sqm	0.21	3.14
69	Dome	38.490	sqm	0.21	8.01
70	Edges of slabs and breaks in floors and walls	9.400	m	251.99	2368.72

CS Xer
M. M. S. Xer

P = $\frac{B}{T_0}$

72	Thermo-Mechanically Treated bars of grade Fe-500D or more.	5193.000	Kg	90.67	470834.77
73	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				
73	Riveted and bolted	440.500	Kg	110.00	48455.35
74	Welded	1854.000	Kg	106.23	196942.26
75	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the Made of G.I. wire of dia 4 mm direction of Engineer-in-charge	165.750	sqm	762.84	126440.73
76	12mm Cement plaster finished with a floating coat of neat cement of mix:				
77	1 : 3 (1 cement : 3 fine sand)	238.100	sqm	357.50	85120.75
78	12mm Cement plaster				
79	1 : 4 (1 cement : 4 fine sand)	176.000	sqm	270.45	47599.55
80	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	117.310	sqm	95.47	11199.82
81	Applying priming coat:				
82	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	10.500	sqm	54.86	576.03
83	Painting steel work with deluxe multi surface paint of required shade to give an even shade. Two or more coats applied @ 0.90litre/10sqm over an under coat of primer applied @ 0.80litre/10sqm of approved brand and manufacture	10.500	sqm	130.62	1371.55
84	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
85	Two or more coats on new work	260.750	sqm	126.83	33070.40
86	Providing and fixing 15 mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved make conforming to IS : 8931	1.000	No.	557.54	557.54
87	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
88	20 mm dia. nominal bore	2600.000	m	21.06	54756.00
89	25 mm dia. nominal bore	700.000	m	31.88	22313.20
90	40 mm dia. nominal bore	4000.000	m	42.43	169728.00
91	50 mm dia. nominal bore	500.000	m	42.43	21216.00
92	65 mm dia. nominal bore	400.000	m	75.97	30388.80

J.S.K
M.M.W

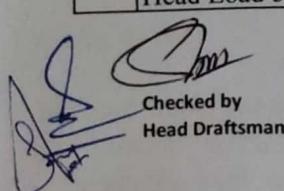
P = 9/10

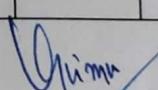
95	100 mm dia. nominal bore	800.000	m	75.97	60777.60
100 mm dia. nominal bore	50.000	m	112.01	5600.40	
96	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete : 9.98.1 300x16 mm	6.000	No	304.51	1827.07
96	Providing and fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete 200x10 mm	6.000	No.	92.77	556.61
97	300x10 mm	6.000	No.	120.12	720.72
98	150x10 mm	32.000	No.	83.56	2674.05
99	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 9.102.1 125 mm	6.000	No	69.00	414.02
100	100 mm	32.000	No.	54.39	1740.54
101	P/F of concealed electric wiring in pvc pipe multistand for heating point 2mm gagrge lighlty incl.P/F of heating and electric point complete all aspects	4.000	No.	1768.00	7072.00
102	Heating Point	10.000	No.	884.00	8840.00
103	Providing anf fixing of 50ltr Gysercapacity venus made water heating comlete	1.000	No.	15080.00	15080.00
104	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	12.720	Sqm	832.00	10583.04
105	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND:				
106	15 km	107.100	Cum	439.06	47022.98
107	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				
108	15 km	47.850	Cum	355.23	16997.89
109	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :				
110	15 km	68.840	Cum	386.14	26581.99
111	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling :				
112	15km	62.200	Cum	417.90	25993.58

J.S & N.S

$P = \frac{1}{16}$

	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement and Steel				
114	15 km	43.620	Tonne	315.80	13775.02
115	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks 120km	9160.000	No.	3.86	35342.94
116	Carriage of GI pipes by mechanical transport including loading, unloading, stacking at site.				
117	12 km	21.860	MT	282.10	6166.71
118	Carriage of materials by manual means including loading, unloading, stacking of materials- (Sand) and 20mm aggregate				
119	Ist 200m	20.680	Cum	360.88	7463.00
120	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate Below 40mm				
121	Ist 50m	35.320	Cum	218.30	7710.21
122	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate 40mm and Above				
123	Ist 200m	3.180	Cum	390.14	1240.63
124	Carriage of materials by manual means including loading, unloading, stacking of materials- Stone Soling				
125	Ist 200m	7.080	Cum	424.56	3005.88
126	Carriage of materials by manual means including loading, unloading, stacking of materials- Cement				
127	Ist 200m	23.460	Tonne	229.56	5385.46
128	Carriage of materials by manual means including loading, unloading, stacking of materials- Steel				
129	Ist 200m	3.710	Tonne	391.09	1450.95
130	Carriage of materials by manual means including loading, unloading, stacking of Head Load 500mtr	21.860	Tonne	263.12	5751.80


Checked by
Head Draftsman


Executive Engineer
PHE Jal Shakti Division Handwara

P = 1/1

GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S : Abdul Ahad Wani
 S/o : Gh Rasool Wani
 R/o : Behnpora
 Regd No : 834-BK-SE-PWD/CEE/2006-07
 GST No. : 01ADOPW3783F1Z9

No: - PHE/Hand/ 1994-96 Date: 21/11/2022

Adv. Cost : - Rs 57.74 Lacs
 Allotted Cost:-Rs.5774060.00/-
 Time of Completion _____ days

- Sub : Laying and Fitting of different dia G.I. pipes for various areas of WSS Nichama Yangerhar (Under JJM) -
 Ref:- Your tender in response to this office E-NIT No 21./PHE /Hand of 08/2022 S.No.37 issued under this
 Office No..1332-42 of 25-08-2022
 2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/9141-56 dated.25-10-2022
 3. Accord No.CE/PHE/DB/JJM/246 OF 08/2022 Dated:- 31-08-2022
 4. Technical Sanction Order No.CE/PHE/DB/ 237 of 08/2022 Dated:-31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	4468.50	Cum	436.00	1948266.00
2	ordinary rock	893.60	Cum	841.60	752053.76
3	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
4	100mm dia	5000.00 ✓	RM	110.00	550000.00
5	65MM DIA	15000.00	RM	73.05	1095750.00
6	40MM DIA	1500.00	RM	40.80	61200.00
7	25MM DIA	6500.00	RM	30.65	199225.00
8	20MM DIA	4600.00	RM	20.25	93150.00
9	15MM DIA	3300.00	RM	20.25	66825.00
10	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m	4021.65	Cum	198.70	799101.86
11	Carriage of G. I. Pipes upto site of work by M.T. Avg. lead 25 Kms, including Loading, unloading, stacking etc.	193.17	MT	415.90	80339.40
12	Carriage of D. I/GI Pipes upto site of work by manual labour. , including Loading, unloading, stacking etc.				
13	1500 mtr	193.17	MT	663.40	128148.98

Checked by
 Head Draftsman

Executive Engineer
 PHE Jal Shakti Division Handwara

P=1/2

**GOVT. OF JAMMU & KASHMIR
OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANWARA**

Mr. Danish Maqbool Wani
S/o. Mohd Maqbool Wani
R/o. Baderkali
Reg No.28/SE/HH/DEF-Civil/2007-08
GST No.01CRUPM6556J1Z8

No. - PHE/Hand/ 2086-88

Date: 12/11/2022

Adv. Cost : - Rs 77.72 Lacs

Allotted Cost:-Rs.7928158.88/-

Time of Completion 75 days

Sub: Construction Including Successful Testing and Commissioning of 0.35 and 0.22 Lac Gallons S.R along with Collection chamber, Laying and Fitting including Successful testing and Commissioning of Intake Main, Supply mains, Pipe Distribution Network for WSS Wadipora Under JJM

Ref: Your tender in response to this office E-NIT No 21./PHE /Hand of 08/2022 S.No.36 issued under this Office No..1332-42 of 25-08-2022

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/MoM/9141-56 dated.25-10-2022

3. Accord No.CE/PHE/DB/JJM/ 246 OF 08/2022 Dated:- 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/254 of 08/2022 Dated:-31-08-2022

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under

Sl.N 0	Description of Work / Item(s)	No.of Qty	Units	Alloted Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed				
2	For all kinds of soil (80% of above qty)	1109.00	Cum	444.72	493194.48
3	Ordinary Rock	221.80	Cum	858.43	190400.22
4	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres	3382.45	Cum	257.09	869597.45
5	Ordinary Rock	831.75	Cum	479.40	398740.95
6	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	408.41	Cum	192.53	78629.14
7	Laying & fitting of G.I. pipes complete with G.I. fittings excluding trenching and refilling etc. (external work)				
8	100mm GI	7500.00	Mtr	109.85	823905.00
9	65mm GI	7500.00	Mtr	74.51	558832.50
10	50mm GI	3500.00	Mtr	41.62	145656.00
11	40mm GI	4000.00	Mtr	41.62	166464.00
12	25mm GI	7500.00	Mtr	31.26	234472.50
13	20mm dia	7750.00	Mtr	20.66	160076.25
14	15mm dia	3000.00	Mtr	20.66	61965.00
15	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	4014.48	Cum	202.67	813630.72
16	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	102.24	Qtl	250.46	25607.13
17	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket. 150mm dia	66	Joint	217.26	14339.16
18	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and sorts of carriages. Complete job. 100 mm dia. pipe	20	Joint	1294.13	25882.50
19	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	28.25	Cum	1346.40	38035.80

20	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	22.06	Cum	4959.08	109397.23
21	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	38.33	Cum	9596.30	367826.29 <i>7956.75 = 304982 ✓ correct a SSR 20</i>
22	Reinforced cement concrete work in arches, arch ribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering, finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.05 <i>+ 1.17</i>	Cum	10046.34	80873.01 <i>11754 - 22</i>
23	Centering and shuttering including strutting, propping etc. and removal of form for:				
24	Foundations, footings, bases of columns etc for mass concrete.	22.96	Sqm	267.55	6142.86
25	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	425.27	Sqm	585.33	248922.01
26	Lintel beams, plinth beams, girders, bressumers and cantilevers.	51.9	Sqm	512.91	26619.87
27	Arches, domes, vaults upto 6 m span	100.57	Sqm	2128.54	214066.87
28	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
29	Foundations, footings, bases of columns etc for mass concrete.	22.96	Sqm	53.51	1228.57
30	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	320.84	Sqm	117.07	37559.26
31	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	51.9	Sqm	102.58	5323.97 <i>→ delete</i>
32	Arches, domes, vaults upto 6 m span	100.57	Sqm	425.71	42813.37
33	Extra for arches, domes, vaults exceeding 6 m span	62.02	Sqm	1028.62	63794.95
34	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	790	Kg	59.06	46655.82
35	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	11443	Kg	89.20	1020704.16
36	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	674.9	Kg	149.34	100788.35
37	12mm Cement plaster finished with a floating coat of neat cement of mix. 1:4 (1 cement : 4 fine sand)	390.95	Sqm	331.96	129779.37
38	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	18.17	Sqm	816.00	14826.72
39	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	421.41	Sqm	93.64	39459.15
40	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm : 20km	68.72	Cum	410.34	28198.28
41	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above :	437.3	Cum	446.05	195055.92
42	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Stone Soling : 08km	32	Cum	301.23	9639.24 <i>→ Del</i>
43	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement/Steel 17km	63.03	Cum	331.74	20909.87
44	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND 17km	47.06	Sqm	385.57	18144.93

Checked by
Head Draftsman

Executive Engineer
PHE Jal Shakti Division Handwara