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OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M/S MOHD ISMAIL TEELI & SONS Managing Partner : Ab Hameed Teeli W/o Gulshanabad Sarnal Regd. No. 7-1/AAV/KCC/PDC94-95	No/PHE: 15519-23 Dated: 17-01-2023 GST. No:- 01AALFM9795K1ZM				
Tentative Adv. Cost Rs: 134.54 Lacs	Alloted cost Rs: 134.62 Lacs				
Subject:-	Construction and successful testing and commissioning of 0.18 MGD Rapid Sand Filtration Plant with BackWash tank, Clarifloculator , Filter House & Flash Mixer at Deethu WSS, Dethu Khull				
Reference	<p>1. Chief Engineer Kmr PHE Department Srinagar's e-NIT No: 132 of 2021-22 Dated : 08.03.2022 issued under endoresment No:CE/PHE/DB/44105-56 Dated:08.03.2022</p> <p>02. UT Level Committee meeting held on 01.06.2022 under the Chairmanship of Development Commissioner Works PW (R&B).</p> <p>03. Chief Engineer Jal Shakti (PHE) Department Srinagar's letter No:CE/PHE/JJM/6938-82 dated 04.06.2022 and No:CE/PHE/JJM/7499-7547 Dated: 09.06.2022</p> <p>04. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3582-86 Dated: 25.07.2022</p> <p>05. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4413-16 Dated: 30.07.2022</p> <p>06. This office Letter of intent No/PHB/5956-58 Dated: 30.07.2022</p>				
For & on behalf of Lt. Governor of J&K (UT), contract for above noted work is hereby fixed with you on the following quoted rates :-					
Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunk and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material				
2	Beyond 60 cm girth upto and including 120 cm girth.	7	No	1530.8	10715.60
3	Beyond 120 cm girth upto and including 240 cm girth.	6	No	7090.8	42544.80
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 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)	534	Cum	188.75	100792.50
5	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.				
6	All kinds of soil :	229	Cum	539.35	123511.15
7	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :All kinds of soil :				
8	All kinds of soil :	49.4	Cum	81.65	4033.51
9	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.	306	Cum	198.7	60802.20
10	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	179	Cum	1320	236280.00
11	Supply and filling of filter media from approved source - Gravel (Graded gravel - size ranging from 2.0mm to 40.00 mm) in filter beds. Including all carriages, complete job	4.05	Cum	7700	31185.00
12	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	6.75	Cum	7968	53784.00
13	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work)				
14	15 mm dia. nominal bore	18	Mtr	163.55	2943.90
15	25 mm dia. nominal bore	18	Mtr	298.15	5366.70
16	50 mm dia. nominal bore	30	Mtr	559.35	16780.50
17	100 mm dia. nominal bore	30	Mtr	1234.95	37048.50
18	150 mm dia. nominal bore	50	Mtr	2167.65	108382.50
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:				
20	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	21.45	Cum	5399.02	115808.98
21	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	27.91	Cum	4861.84	135693.95
22	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				
23	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	60.13	Cum	7800.76	469059.70

24	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.				
25	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	43.92	Cum	9408.14	413205.51
26	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:				
27	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	58.91	Cum	9849.35	580225.21
28	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.				
29	All works upto plinth level	26.58	Cum	7911.26	210281.29
30	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.				
31	All works above plinth level upto floor V level	68.72	Cum	9302.98	639300.79
32	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	341.23	kg	172.9	58998.67
33	Providing and carrying out wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2-way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (excl cost of conduit) 2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	4	Point	1215.55	4862.20
34	Providing and carrying out circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. (excl. cost of conduit)				
35	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	40	mtr	192.05	7682.00
36	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	70	mtr	230	16100.00
37	Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC.	95.3	Cum	111.87	10661.21
38	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	130.56	Quintal	1074.37	140269.75
39	Centering and shuttering including strutting, propping etc. and removal of form for:				
40	Foundations, footings, bases of columns etc. for mass concrete.	107	sqm	262.3	28066.10
41	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	739	sqm	573.85	424075.15
42	Suspended floors, roofs, landings, balconies and access platforms.	300	sqm	635.6	190680.00
43	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	264	sqm	502.85	132752.40
44	Columns, pillars, piers, abutments, posts and struts.	191	sqm	680.15	129908.65
45	Stairs (excluding landings) except spiral staircases.	37.69	sqm	807.5	30434.68
46	Edges of slabs and breaks in floors and walls	346	Rm	242.3	83835.80

47	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 all sorts of carriages. Complete Job.				
48	200 mm dia. Pipe	8	Joint	3480	27840.00
49	150 mm dia. Pipe	18	Joint	2150	38700.00
50	100 mm dia. Pipe	16	Joint	1520	24320.00
51	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS : 8328 300mm dia DI	6	Mtr	3129.2	18775.20
	200 mm dia DI	7	Mtr	1947	13629.00
52	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). Confirming to IS:14846 read with latest amendments.				
53	150 mm dia. Class 1	2	No	20243	40486.00
54	100 mm dia. Class 1	2	No	13165	26330.00
55	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)	1163	kgs	57.9	67337.70
56	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete above plinth level.				
57	Thermo-Mechanically Treated bars of grade Fe-500D or more.	25827	Kg	87.18	2251597.86
58	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);				
59	First class kail wood	1.787	Cum	106894.15	191019.85
60	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-incharge				
61	First class kail wood (30 mm thick shutter)	50.41	sqm	2784.1	140346.48
62	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				
63	Cement mortar 1:4 (1 cement : 4 coarse sand)	54	Cum	7476.38	403724.52
64	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	54	Cum	1522.2	82198.80
65	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.				
66	Welded	7837	Kg	102.14	800471.18
67	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-I and M.S. top cover of required thickness for rolling shutters				
68	80x1.25 mm M.S. laths with 1.25 mm thick top cover	8.4	sqm	3238.2	27200.88
69	Providing and fixing ball bearing for rolling shutters.	4	each	483.1	1932.40
70	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 skirring in vertical & pointing the joints with white cement and matching pigment etc., complete				
71	In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	77.26	sqm	1210.66	93535.59
72	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 skirring in vertical, rubbing, polishing and curing complete with:				
73	Makrana White Second quality (16mm)	113.55	sqm	6175.39	701215.53

	Extra for pre finished nosing to treads of steps of marble stone	14.78	sqm	579.31	8562.20
75	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 meter.	14.78	sqm	674.13	9963.64
76	12mm Cement plaster finished with a floating coat of neat cement of mix:				
77	1 : 3 (1 cement : 3 fine sand)	236	sqm	343.75	81125.00
78	12mm Cement plaster finished with a floating coat of neat cement of mix:				
79	1 : 4 (1 cement : 4 fine sand)	1213	sqm	325.45	394770.85
80	Applying priming coat With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	97.07	sqm	59.5	5775.67
81	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
82	Two or more coats on new work	97.07	sqm	121.95	11837.69
83	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	453.31	sqm	149.05	67565.86
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.				
85	1 mm thick	453	sqm	129.5	58663.50
86	Providing/ Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fabricated from MS tube heavy quality nominal thickness 6mm, conforming to relevant Indian Standard IS-1239 and/or IS 1161 read with up to date amendments. The pipe material should be of standard quality and must withstand all the anticipated design pressure ratings. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job.	1126	KG	147	165522.00
87	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				
88	125 mm	16	each	66.35	1061.60
89	100 mm	36	each	52.3	1882.80
90	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 and shade with necessary screws etc. complete :				
91	150x10 mm	16	each	80.35	1285.60
92	100x10 mm	72	each	57.35	4129.20
93	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.				
94	0.50 mm thick with zinc coating not less than 275 gram/m ²	127.63	sqm	830.25	105964.81
95	0.50 mm thick with zinc coating not less than 275 gram/m ²	30.5	m	626.7	19114.35
96	Providing and fixing plained eaves boarding. 250x32 mm (nominal size)	46.65	m	693.9	32370.44
97	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	49	Sqm	800	39200.00
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 etc. as required. chequered plate wherever required, all complete.				0.00
99	in stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required.	975	kg	114.68	111813.00
100	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	1530	kg	146.63	224343.90
101	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
102	1.0 HP	1	No	7300	7300.00
103	incoming cable, telescopic electric pole with rotary current collector	1	Set	6500	6500.00
104	Starter along with necessary wiring upto motor	1	set	1680	1680.00
105	Supply of 24 watt LED slim Aluiminum pannel surface type complete in all respects	30	No	600	18000.00

6	Providing and carrying out wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (excl. cost of conduit)	45	Point	824.55	37104.75
107	Providing and carrying out wiring for heating points with 4.0 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, modular combined S&S 16Amp along with modular plate, suitable GI box and earthing the point with 2 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (excl cost of conduit)	10	Point	1300	13000.00
108	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	6	No.	569.25	3415.50
109	Supplying and fixing single pole 5 A to 32 A rating, 240V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load in the MCB DB complete with connections, testing and commissioning etc. as required.	12	No.	228.85	2746.20
110	Supplying and fixing double pole 63 Amp 240V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load in MCB DB complete with connections, testing and commissioning etc. as required.	2	No.	442.75	885.50
111	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	5	No.	74.75	373.75
112	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards		No.	2125	0.00
113	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	5	No.	1550	7750.00
114	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	5	No.	417.45	2087.25
115	Providing, fitting and testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	10	No.	1500	15000.00
116	Providing and laying of armoured cable 95mm, 3.5 core for main service line of reputed make in P.V.C pipes of required dia to accommodate the service line including bends etc., from main transformer to the main panel board including copper thimbles, earth work excavation and filling for laying of cable complete.	150	m	325	48750.00
117	Supplying and fixing 12-way double door, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	2	No	2360.95	4721.90
118	Providing, fitting, testing and commissioning of following items for Flash Mixer:				
119	Mixing device with reduction gear system	1	Set	2500	2500.00
120	1.0 HP	1	No	4800	4800.00
121	Foundation \ Base plate	1	Set	4548	4548.00
122	Starter along with necessary wiring upto motor	1	No	1680	1680.00
123	Providing, fitting, testing and commissioning of following items for Alum Dosing Unit-				
124	Mixing device with reduction gear system.	1	Set	2500	2500.00
125	3-phase electrically driven motors:				
126	1.0 HP	1	No	4800	4800.00
127	Foundation / Base plate	1	Set	4548	4548.00
128	Starter along with necessary wiring upto motor	1	No	1680	1680.00
129	P.V.C outlet, overflow system with fittings upto point of application	1	Lot	530	530.00
130	150mm dia drain out let	1	Lot	1350	1350.00
131	50 mm dia Service water piping.	1	Lot	530	530.00
132	Constant dosing unit with time device	1	Set	1500	1500.00
133	Manually operated hoist	1	Set	10000	10000.00
134	Providing, fitting, testing and commissioning of following items for Chlorine Dosing Unit-				
135	Mixing device with reduction gear system.	1	Set	2500	2500.00
136	1.0 HP	1	No	4800	4800.00
137	Foundation / Base plate.	1	Set	4548	4548.00
138	P.V.C outlet, overflow system with fittings upto point of application.	1	Lot	530	530.00
139	Starter along with necessary wiring upto motor	1	No	1680	1680.00
140	150 mm dia Drain out let	1	Lot	1350	1350.00

	50mm dia service water piping	1	Lot	530	530.00
143	Constant dosing unit with time device.	1	Set	1500	1500.00
144	150 mm dia.	8	Each	26720	213760.00
145	200 mm dia.	2	Each	42300	84600.00
146	Providing fitting, testing and commissioning of air blower standard make ISI mark capable of providing compression @ 0.35 kgs/sqcm coupled with suitable 3 phase induction electric motor complete with auxiliary pipe system upto filter beds with pressure guage, Nozzles, foundation block, base plate, air check valve , non- return valve, Starter etc ✓				
147	4.2 KLPM Air blower with 5.0 HP Motor.	2	No	87500 ✓	175000.00
148	Electrical Items:Supplying and fixing of 25mm dia. medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	250	Mtr	103.5	25875.00
149	Providing and fitting of:				
150	100 Amp 4 pole change over of reputed make.	2	No	7598	15196.00
151	100 Amp-Copper bus bar	2	No	4550	9100.00
152	64 Amp-Copper bus bar	2	No	3750	7500.00
153	100 Amp MCCB	2	No	3300	6600.00
154	63 Amp MCCB	2	No	2700	5400.00
155	16 Amp MCCB	4	No	1250	5000.00
156	6 Amp MCCB	6	No	630	3780.00
157	3-phase indicator points	11	No	445	4895.00
158	3-phase voltmeter and Ampermeters	12	No	1190	14280.00
159	Mechanical Items:Providing & fixing of PVC under drainage laterals with specifications conforming to IS4985 & IS-15801, 8mm thick fabricated out of approved make with nominal dia of 9mm perforations as per design of bed provided at 60 degrees along with PVC Tees and end caps grouted in concrete, the pressure rating of 10kg/sq.cm.				
160	75 mm dia	60	Mtr	1420	85200.00
161	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				0.00
162	Pumping unit with 2.0 HP Motor.	1	Set	19120	19120.00
163	Providing and fitting at site 3-phase, Voltage stabilizer of following ratings, oil emersed, of standard make and quality including accessories as required. The job includes making of connections with main panel board and service line. To be paid in fitted and finished form after testing on full load capacity, complete job.				
164	30 KVA	1	No	47000	47000.00
165	Providing and fitting of pannel board with angle iron support and A.C. sheets for fixing of MCCB, change over switch, bus bars etc. The job includes nuts bolts and embedding of supports in cement concrete blocks complete job.	5	No	4250	21250.00
166	Supply installation and successful testing and commissioning of mono block pumping unit standard make ISI mark coupled with 2 phase induction motor with appropriate pumping capacity so as to fill the tank within the max. of 2 hours with nominal dynamic head of 25m along with all accessories like foot valves, non- return valves, foundation block, base plate, suction pipe, suitable rising main with nominal dia 50mm (class-B) with heavey duty valves and other accessories required for the job. ✓				
167	Pumping unit with 5.0 HP Motor.	2	Set	20268	40536.00
168	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				
169	On steel work	254	sqm	188.8	47955.20
170	On concrete work		sqm	183.43	0.00
171	Central axle turn table with double bearing and guide for incoming cable.	2	Set	4800	9600.00
172	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				
173	Pumping unit with 2.0 HP Motor. 1.000 Set	1	Set	19120	19120.00
174	Starter along with necessary wiring upto motor	2	No	1680	3360.00
175	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				



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Anant JGM

6	Incoming cable, telescopic electric pole with rotary current collector	1	Set	6500	6500.00
177	Providing and fixing fly proof wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions all complete.				
178	With Galvanized M.S. Wire gauge with wire of dia 0.63 mm	16.42	Sqm	925	15188.50
179	Providing and fixing fly proof wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions all complete.				
180	4 mm thick glass pane (weighing not less than 10 kg/sqm)	12.06	sqm	1768.05	21322.68
181	Carriage of material from source to dumping site at road by Mechanical transport.				
182	Cement 20 Km	119.4	Mt	357.66	42704.60
183	Steel CGI Sheets Avg. lead 20 Km	40.46	-	357.66	14470.92
184	Sand Avg. lead 40 Km	172.17	Cum	601.08	103487.94
185	20mm Aggregate lead of 30 Km	251.75	Cum	501.68	126297.94
186	40mm Aggregate lead of 30 Km	25.12	Cum	544.9	13687.89
187	Brick for average lead of 25 KM	25650	No	1.21	31036.50
188	Earth for average lead of 4 KM	458	Cum	215	98470.00
		Total			12463438.60
		Add 8% of all items of work			997075.09
		Total Amount			13460513.69

Executive Engineer
PHE, Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 134.62 Lacs Rupees One CroreThirty four lac sixty two thousand only
2	The work shall have to be completed within a period of 150 days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	TThe earnest money @ 3% in the shape of BG submitted by the Contractor vide BG No:0014IPBG2301004 Dt: 06.01.2023 Rs:393000/- shall be released after sucessfully completion of the work /DLP period as per the terms and conditions of SBD.
4	You have to attend the Divisional Office along with your enlistment card for drawl of agreement within three days from the date of issuance of this allotment order. However non drawl of agreement will not prevent the contract from being enforced upon you.
5	Defects Liability Period (DLP):The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run, during the defects Liability period (DLP) the firm shall have to operate & maintain the scheme as it is required for its successful running & as per Standard Engineering Practices, to the fullsatisfaction of the department. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months.
6	Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.
7	Terms of Payment:Payment shall be released as per actual/measured work done not less than 20% of the allotted cost on a monthly basis.
8	Bidder Dying, Becoming Insolvent Or Imprisoned.In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works
9	Suspension of Supply by the Bidder: In case of the firm agency failing to execute the job, the department has the right to get the work executed through some other firm/agency or of its own at the risk and cost of the defaulters.
10	Safety of Govt. Infrastructures:The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the bidder
11	Bidder's risk and insurance: All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder.
12	Work Under Bidders Charge:From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country
13	Bidder to Maintain Site Office:The bidder shall provide and maintain, at his own cost a suitable site office at the site of Work to which the Department may send communications/ instructions.
14	Claims to be put in writing:The Department shall not be liable to the Bidder for any matter or thing arising out of or in connection with the contract or the execution, completion and maintenance of the work unless the bidder puts a claim in writing in respect thereof before getting the certificate of final completion.

Agreement: As soon as letter of award is communicated to the firm, the contract shall be complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.

16	The total amount reflected at the end of BOQ is not the estimated cost. Instead the tentative cost of each RSFP has been reflected at the start of BOQ. The bidder is supposed to quote the percentage appreciation/depreciation with care as that will apply for all the items of BOQ. Bidders are advised to check the exact location and particulars of the RSFP they are bidding for, from the concerned Divisions before hand to ascertain the working conditions. The foundation type and other parameters is subjected to actual bearing capacity at site which the bidder may consider in bidding as per the terms and conditions laid down in the SBD.
17	False information: Any tenderer found to have been participating by furnishing false information to the department, the tender shall be liable for cancellation and such bidder(s) shall be invoked as and when it comes to the notice of the department even during the execution of the contract.
18	All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinagar for favour of information please
- 2 District Dev.Commissioner Anantnag for favour of information please
- 3 Superintending Engineer Hyd. Circle Bijbehara for favour of information
- 4 Assistant Executive Engineer PHE Sub -Division Anantnag for information & necessary action. He will ensure the completion of work within the stipulated time period and strictly in accordance with approved proposals, besides the amount of work does not exceed beyond the provision of allotment in any case for which he shall be personally responsible.
- 5 File Concerned

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P-47
Dated-14/4/24
Anantnag J&JM
23.24

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M/S MOHD ISMAIL TEELI & SONS
Managing Partner : Ab Hameed Teeli
R/o Gulshanabad Sarnal
Regd: 71/MAY/KCC/PDC94-95

No/PHB: 147-15
Dated: 06-04-2023
GST. No.: 01AALFM9795K1ZM

Tender ID: 2022_PHE_189905_2

Adv. Cost Rs: 113.04 Lacs

Alloted cost Rs: 112.47 Lacs

Subject:-	Laying/ Fitting of Pipes, Construction of Chowkdar Quarter, Chain Link Fencing, D.G Shed,& Stabilization of existing pipe network WSS Deethu Khul under JJM
Reference	1. Your tender received in response to this office Fresh: e-NIT No. 43 OF2022-23 No: PHIB:9070-90 Dated: 24 /09/2022 02. Read with Corrigendum No: /PHB/NO/PHB/9565-85 Dated: 03.10.2022 03. Read with Corrigendum NO/PHB/NO/PHB/10080-10100 Dated: 15.10.22 04. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3858 60 Dated: 30.07.2022 05. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Ilyd/4590 Dated: 03.08.2022
	For & on behalf of Lt. Governor of J&K (UT), contract for above noted work is hereby fixed with you on the following quoted rates :-
Sl.No	Description of Work / Item(s)
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 cutting out excavated earth and removal of
2	a) All Kinds of Soils
3	b) Ordinary Rock
4	Extra for every additional lift of 1.5m or part thereof.
5	Providing and laying of dry stone soling tightly hand packed on horizontal levels.
6	P/ L in position C.Conc. of specified grade excl. the cost of centering & shuttering all work upto plinth level (1:4:8) 1 cement, 4 coarse sand, 8 graded stone aggregate of 40 mm nominal size) crushed.
7	P/ L in position specified grade of reinforced cement conc. excl. the cost of centering, shuttering, finishing & reinforcement all work up to plinth level (1:1.5:3) 1 cement, 1.5 coarse sand, 3 graded stone agg. 20 mm nominal size)
8	Reinforced cement conc. Work in beams, suspended floors, roofs having slope upto 15degree, landings, balconies shelves, chajjas, lintels, bands, plan window sills, stair cases and spiral stair cases upto floor five level excl. the cost of centering, shuttering, finishing and reinforcement in 1:1.5:3 mix (1 cement, 1.5 coarse sand 3 graded stone aggregate) 20 mm nominal size.
9	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix.
10	Providing and laying in position specified grade of cement concrete in 1:2:4 nominal mix.
11	Brick work with common burnt clay FPS (Non-modular) bricks of class designation 75 in foundation & Plinth in 1:4 nominal mix (1 Cement, 4Fine sand).
12	Extra for brick work in super structure above plinth level upto floor 5 level (by manual means).
13	Centering and shuttering including strutting propping and removal of form work.
14	a) Foundations
15	b) Walls
16	c) Lintels, Beams etc
17	e) Suspended Floors, Roofs etc
18	g) Edges of Slabs
19	12 mm thick cement plaster in 1:3mix (1, cement, 3 fine sand)
20	15 mm thick cement plaster in 1:6 mix (1, cement, 6 fine sand)
21	Providing Reinforcement to RCC works including bending ,binding ,cutting stratining and placing in position complete.



	Structural steel work welded in built up sections in trusses & framed work incld, cutting hoisting fixing in position & applying a priming coat of approved steel primer all complete.	5129.25	Kg	102.14	523902
23	vertical/curved surface fixed with polymer coated J/L hooks, bolts & nuts 8mm dia with bitumen & G.I limpet washers or with GI limpet washers filled with white lead and incl. a coat of approved steel primer & two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/vertical of curved surface) excl. the cost of purlins & trusses and incld cutting to	183.27	Sqm	951.80	174436
24	Providing wood work in frames of doors windows, clear story windows and other frames, wrought framed & 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 separately) in 1st class Kail wood.	0.87	Cum	106894.15	92998
25	Providing & fixing in panelled or paneled and glazed shutters for doors windows and clear story windows incld ISI marked MS pressed butt hinges bright finished of required size with necessary screws excld penneling which will be paid separately all complete as per directions of Err. incharge 35 mm thick 1st class kail wood .	17.66	Sqm	3093.80	54637
26	galvanized MS wire guaze of avg width for aperture 1.4 mm in both directions with wire of dia . 0.63mm for doors windows & clear story windows incld, ISI marked bright finished or &	8.55	Sqm	3651.85	31223
27	Providing and fixing of panelling or penelling and glazing in panelled or paneledand glazed shutters for doors and windows ; penelling 25mm to 40mm thick of Kail wood.	2.54	Sqm	2360.95	5997
28	Supply and fixing rolling shutter of approved make made of required size MS lathes interlocked together through their entire length etc. complete with 80x0.90 mm M/S Laths with 0.90mm thick top cover.	5.56	Sqm	2636.15	14657
29	Providing and applying white cement based putty of approved thickness 1mm of approved brand and manufacture over the plastered surfaces to prepare the surface smooth and even complete.	78.87	Sqm	129.50	10214
30	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade two or more coats on new work	78.87	Sqm	149.05	11756
31	P/T of 1st quality ceramic glazed tiles conforming to IS : 13753 of minimum thickness 5mm of approved make like NITCO, ORIENT,SOMANY,KAJARIA or equivalent make in all colour, shades except bergandy, bottle green, black of any size as approved by Err. incharge in skirting, risers of steps and dados over 12mm thick bed of cement mortor 1:3 (1 cement, 3 coarse sand) and jointing with grey cement slurry @ 3.30 Kgs/SM including pointing in white cement mixed with pigment	14.94	Sqm	1210.66	18087
32	Fabrication providing/fixing MS ladder & railing wherever is required comprising of 50x50x6mm angle iron with chequered plate complete job.	255.00	Kg	146.63	37391
33	Providing & fixing of Plained eves boarding of 2nd Class Kail Wood of size 250 x 32 mm	32.20	Mtr	693.90	22344
34	Extra for providing and mixing water proofing material in cement conc work in doses by weight of cement as per manufacturing specifications.	120.00	Kg	57.90	6948
35	Filling available excavated earth (excl. rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming & watering lead upto 50 m, & lift upto 1.5 m.	5226.98	Cum	198.70	1038601
36	R.R. Masonry with Quarry stone laid in 1:6 CM.	37.76	Cum	4435.25	167475
37	R.R. Masonry with Quarry stone laid in Dry.	15.90	Cum	2497.50	39710
38	Providing and laying of 50mm thick DPC band over stone work in 1:2:4 nominal mix.	24.17	Sqm	372.85	9012
39	Pointing on stone work with cement mortar in 1:3 mix. (Flush type)	22.95	Sqm	270.80	6215
40	Providing 50mm thick cement concrete flooring with floating coat of neat cement.	67.38	Sqm	505.00	34027
41	Providing and fixing water closet squatting pan (Indian type with 100mm sand cast iron P or S trap, 10 lit, low level PVC flusing cistern including flushing pipe and making good the walls and floors wherever required (Orrisa pattern with integral foot type).	1.00	No	3985.85	3986
42	Providing and fixing salem stainless steel kitched sink. Size 610x510x200mm	1.00	No	4274.20	4274

	Providing and fixing of PVC Waste pipe for sink including PVC waste fitting complete (Flexible 40mm dia = 01 No.	1.00	No	127.95	128
44	Providing ridge or hip of width 60cm over all with plain G.S. Sheets fixed with polymer coated J or L hooks (0.50mm thick).	32.88	Mtr	626.70	20606
45	Distempering with 1st quality acrylic distemper of approved brand and manufacture including applying additional coats where ever required to achieve even shade. (Two Coats)	78.87	Sqm	149.05	11756
46	Finishing walls with water proofing cement paint of required shade (external) (Snowsum)	62.64	Sqm	91.80	5750
47	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give even shade two or more coats on new work including priming coat of approved brand and manufacture.	338.91	Sqm	179.80	60936
48	Add provision for plumbing, Sanitary, Grills and electrification to the Quarter (Lumpsum to be paid actual).	1.00	Job	75000.00	75000
49	Providing and fixing of chain link fencing.	333.00	Sqm	733.50	244256
50	Structural steel works in built up sections.	4464.04	Kg	95.16	424798
51	Dismantling of G.I pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50m lead.				
52	a) Upto 40 mm G.I	650.00	Mtr	99.75	64838
53	b) Above 40 mm	900.00	Mtr	110.65	99585
54	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)	845.60	Qtl	245.55	207637
55	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
56	a) 200 mm D.I Pipe	182.00	Joint	213.00	38766
57	b) 150 mm D.I Pipe	36.00	Joint	144.70	5209
58	c) 100 mm D.I Pipe	545.00	Joint	89.70	48887
59	Providing & Fixing of M.S Flanges to G.I Pipes including cost of nuts, bolts, washers etc complete.				
60	a) 100 mm M.S Flanges	583.33	Pair	1520.00	886662
61	b) 80 mm M.S Flanges	66.33	Pair	1100.00	72963
62	c) 65 mm M.S Flanges	125.33	Pair	1000.00	125330
63	Laying & Fitting of G.I Pipes .				
64	a) 65 mm G.I Pipe	500.00	Mtr	73.05	36525
65	b) 50 mm G.I Pipe	2850.00	Mtr	40.80	116280
66	c) 40 mm G.I Pipe	3250.00	Mtr	40.80	132600
67	d) 25 mm G.I Pipe	3250.00	Mtr	30.65	99613
68	e) 20 mm G.I Pipe	4250.00	Mtr	20.25	86063
69	f) 15 mm G.I Pipe	4500.00	Mtr	20.25	91125
70	Making Connections of G.I branch with G.I main including providing & Fixing Tees etc Complete.				
71	a) Above 40 mm G.I	40.00	No	1268.75	50750
72	b) Below 40 mm G.I	120.00	No	666.25	79950
73	Providing & Fixing Regulation valves as per site excluding P/F of Tail pieces etc complete				
74	a) 150 mm Dia	3.00	No	20243.00	60729
75	b) 100 Mmm Dia	3.00	No	13164.00	39492
76	Structural Steel work for Providing/Fabrication of M.S Bends as per site requirement including cost of welding, Mild steel and all carriages upto site of work complete at spots .	1500.00	Kg	114.68	172020
77	Providing & Filling around Plinth Sand around PCC block.	4.08	Cum	787.40	3213
78	Carriage of material from source to dumping site at road by mechanical transport.				
79	a) Cement and steel (25 Km average)	66.28	M.T	401.80	26631
80	b) Sand for average 40 Km	98.65	Cum	601.01	59290
81	c) 20mm Aggregate (average 30Km)	94.78	Cum	501.65	47546
82	d) 40mm Aggregate (average 30 Km)	19.71	Cum	545.28	10747
83	e) Bricks for average 25 Km	13578.31	No	12.05	163619
84	f) Soling stone (Average 5 Km)	48.59	Cum	242.67	11791
85	g) Quarry Stone (Average 25 Km)	53.67	Cum	674.56	36204
86	h) 200 mm Dia D.I Pipe (Average 30 Km)	1000.00	Mtr	29.73	29730
87	i) 150 mm Dia D.I Pipe (Average 30 Km)	200.00	Mtr	18.28	3656
88	j) 100 mm Dia D.I (Average 30 Km)	3000.00	Mtr	10.97	32910

j) 80-15 mm G.I Pipe (Average 30 Km)	43.45	M.T	445.96	19377
Extra Carriage of Pipe Materials from D/site to actual site of work by Head Load				
91 a) 200 mm Dia D.I Pipe(500 Mtr)	1000.00	Mtr	20.32	20320
92 b) 150 mm Dia D.I Pipe(500 Mtr)	200.00	Mtr	13.54	2708
93 c) 100 mm Dia G.I (500 Mtr)	3000.00	Mtr	9.61	28830
94 d) 80-15 mm G.I Pipe (500 Mtr)	43.45	M.T	355.70	15455
Total			11304000	
Deduct @ 0.93 % for all items rates quoted by the bidder			57000	
Alloted cost after the deduction			11247000	
Say Rs: 112.47 Lacs				

Rates & Qty Checked

Head Draughtsman

Technical Officer

Executive Engineer

Jai Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 112.47 Lacs (Rupees One Crore Twelve Lac forty seven thousand) only
2	The work shall have to be completed within a period of 90 working days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Earnest money deposited by you vide FDR NO: 711637DT: 27.12.2022 RS: 112000/- and No:607594 Dt: 25.10.22 Rs: 226100/- successful completion of the work and expiry of defect clause.
4	Client/Paying Authority: The client/paying authority shall be the concerned Executive Engineer. Besides, the supervision of the various components of the work shall be carried out by the concerned Engineers of the Division/TPIQM consultants under the overall coordination of the concerned Superintending Engineer Hydraulic Circle/Executive Engineer/Assistant Executive Engineer
5	Terms of Payment: Payment can be claimed on a monthly basis subject to the amount of bill being proportionate to the value of work viz a viz completion period within a variation of -5%.
6	Warranty: The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of subject work. If during warranty period any malfunctioning/ defects arise, the firm /joint venture shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm/joint venture to remove the defect, the Department may get the defects removed/ repaired by any other agency and cost thereof shall be recovered from the firm / joint venture and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting.
7	Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.
8	Defects Liability Period (DLP): The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months.
9	Liquidated damages (LD) In the event of allottee failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UT: a) Terminate the contract after 15 days notice and/or b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department and/or c) Recover the extra cost, if any, involved in allotting contract to other party. and/or d) Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract. and/or e) Forfeit the performance security and blacklist the firm.
10	Force Majeure: Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure or commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency.
11	Specifications of Job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.
12	Bidder Dying, Becoming Insolvent Or Imprisoned: in the event of the death or insanity or Insolvency or Imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works. communications/ instructions.
13	Safety of Govt. Infrastructures: The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the allottee.

	<p>Allottee's risk and Insurance: All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder.</p>
	<p>Work under Bidders Charge: From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country.</p>
16	<p>Setting Out of Works: The bidder shall be responsible for the time and proper setting out of all the works and for the correctness of the positions, levels, dimensions and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith.</p>
17	<p>Labour: The bidder shall make his own arrangements for the engagement of all types of the labour, required for the execution of the job. No workman below the age of 18 years shall be employed on the works. Also the bidder shall comply with the provisions of all labour laws and the rules framed there under.</p>
18	<p>Storage at Site: The bidder shall at his own cost make arrangements for proper storage especially towards Rain and Snow damages of the equipment/ materials at sites till its erection/completion. For the purpose the bidder shall, with the approval of Engineer in charge construct temporary storage accommodation for equipment/ material at site for which land shall be provided by the department near the site of work.</p>
19	<p>Watch & Ward of Works: The bidder shall in connection with the work provide and maintain at his own cost all lights, guards, fencing and watching, when and where necessary or required by the Department for the protection of the work or safety and convenience of the Public etc.</p>
20	<p>Final Acceptance: The equipment/work shall be accepted by the Department only after the system has been tested and has performed satisfactorily in all respects, at site, in accordance with the provisions of the contract.</p>
21	<p>Cleaning Up: On completion of the works the bidder shall clear away, load into trucks or any other transport and remove from the site all constructional plant, surplus materials, dismantled or otherwise, earth and rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workmanship condition, to the satisfaction of the Department.</p>
22	<p>Power and Water Supply: The bidder/firm shall make his own arrangement, at his own cost, for all lines, individual power points, etc. to the machinery and plant required by him for the erection, testing and commissioning of the equipment ordered on him. The bidder shall pay for all electrical energy consumed by him for this purpose at the prevalent electricity tariff in J&K State. Such charges shall be paid by the bidder/firm directly to the Power Corporation and the bidder's final bill shall be settled only after he gets a no outstanding certificate from the concerned Electric Division. The Division shall not be responsible, and the bidder shall have no claim whatsoever for any interruption in power supply or voltage fluctuation or total cut off at the site. The bidder/firm must provide an alternative source of power, at his own cost, at the site for completion of the work. The bidder shall make his own arrangements for water to be used for the execution/Hydra testing/ water tightness Test/ Curing, labour colony, Site Office etc.</p>
23	<p>Agreement: As soon as letter of award is communicated to the firm, the contract shall be complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.</p>
24	<p>Tender quantities: The advertised quantities in the tender documents are tentative and subject to increase or decrease, depending upon actual requirement at site as per the design and other considerations. The successful bidder shall have no claim/ reservation on this account and the decision of the department shall be final and binding.</p>
25	<p>Third Party Monitoring: The allotted works shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPIQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period.</p>
26	<p>All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.</p>

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinagar for favour of information please.
- 2 District Dev.Commissioner Anantnag for favour of information please
- 3 Superintending Engineer Hyd. Circle Bijbehara for favour of information
- 4 Assistant Executive Engineer PHE Sub -Division Anantnag for information & necessary action. He will ensure the completion of work within the stipulated time period and strictly in accordance with approved proposals, besides the amount of work does not exceed beyond the provision of allotment in any case for which he shall be personally responsible.
- 6 Technical Officer Divisional Office for information
- 7 File Concerned

Executive Engineer
JSD PHE Division Bijbehara



P-130

part IIInd

Anuj
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OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M.A.Kiloo & Co	No/PHB:	142-46
M.P. Muzaffer Ahmad Kiloo	Dated:	06-04-2023
R/O Anantnag	GST. No.:	01ARBOJ8814E1Z9

Regd No:393/A/KCC/PDC/2004-05

Tender ID: 2022_PHE_173796_17

Adv Cost Rs: 59.12 Lacs Alloted cost Rs: 61.48 Lacs

Subject:-	Construction of 0.8 5 lac gallons SR with PST and 04 No Sluice Chamber WSS Dethu Khull Jal Jeevan Mission Part 2nd
Reference	1.Your tender received in response to this office Fresh: e-NIT No. 24 OF 2022-23 NO/PHE/3046-66 Dated: 11-06-2022 02. Read with Corrigendum No: NO/PHB/3630-45 Dated: 23.06.2022 03. Read with Corrigendum NO/PHB/4323-43 Dated: 05.07.2022 04. Read with date Extension NO/PHB/4471-95 Dated: 12.07.2022 03. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022 & No/DDCA/DJJM/9413 Dt: 04.11.22 04. Superintending Engineer Hyd.Circle Anantnag's Authroization Letter No:SE/Hyd/4590 Dated: 03.08.2022 05. Superintending Engineer Hyd.Circle Anantnag's Authroization Letter No:SE/Hyd/8445 Dt: 10.11.2022
Sl.No	Description of Work / Item(s)
1	Earth work in excavation over areas exceeding 30 cm and upto 1.5 m in depth 1.5 m in width as well as 10 sqm on plan inculding disposal of excavated soil upto 1mt from cutting edge.
2	a) All Kinds of Soils
3	Earthwork in excavation over areas exceeding 30 cm in depth 1.5m in width as well as 10 sqm on plan) including disposal of excavated soil up to 50m from cutting edge, disposed earth to levelled and neatly dressed in all sorts of soil.
4	a) All Sorts of Soil
5	b) Ordinary Rock
6	Extra for every additional lift of 1.5m or part thereof.
7	Providing and laying of dry stone solling tightly hand packed on horizontal levels of size 50 mm including all carriages
8	P/ L in position C.Conc. of specified grade excl. the cost of centering & shuttering all work upto plinth level (1:4:8) 1 cement, 4 coarse sand, 8 graded stone aggregate of 40 mm nominal size) crushed.
10	All works upto Plinth Level
11	Above Plinth upto Floor V level
12	P/ L in position specified grade of reinforced cement conc. excl. the cost of centering, shuttering, finishing & Reinforcement all work up to plinth level (1:1.5:3) 1 cement,1.5 course sand,3 graded stone agg. 20 mm nominal size)
13	Reinforced cement conc. Work in beams,suspended floors,roofs having slope upto 15degree,landings,balconies shelves, chajjas, lintels, bands, plan window sills, stair cases and spiral stair cases upto floor five level excl.the cost of centering, shuttering, inishing and reinforcement in 1:1.5:3 mix (1 cement,1.5 coarse sand 3 graded stone aggregate) 20 mm nominal size.
14	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix.
15	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix.
16	Providing and laying in position specified grade of cement concrete in 1:2:4 nominal mix.
17	Centering and shuttering including struting propping and removal of form work.
18	a) Foundations
19	b) Walls
20	c) Lintels, Beams etc
21	d) Suspended Floors, Roofs etc
22	e) Edges of Slabs
23	f) Domes
24	Extra For Shuttering In Circular Works
25	a) Foundations
26	b) Walls
27	c) Beams
28	d) Domes
29	Extra For Domes exceeding 6 mtr span
30	12 mm thick cement plaster in 1:3mix (1, cement, 3 fine sand)
31	12 mm thick cement plaster in 1:4 mix (1, cement, 4 fine sand)
32	Providing Reinforcement to RCC works including bending ,binding ,cutting stratining and placing in position complete.

Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	Earth work in excavation over areas exceeding 30 cm and upto 1.5 m in depth 1.5 m in width as well as 10 sqm on plan inculding disposal of excavated soil upto 1mt from cutting edge.				
2	a) All Kinds of Soils	192.00	Cum	436.00	83712
3	Earthwork in excavation over areas exceeding 30 cm in depth 1.5m in width as well as 10 sqm on plan) including disposal of excavated soil up to 50m from cutting edge, disposed earth to levelled and neatly dressed in all sorts of soil.				
4	a) All Sorts of Soil	740.26	Cum	539.35	399259
5	b) Ordinary Rock	62.10	Cum	855.65	53136
6	Extra for every additional lift of 1.5m or part thereof.	551.30	Cum	81.65	45014
7	Providing and laying of dry stone solling tightly hand packed on horizontal levels of size 50 mm including all carriages	53.80	Cum	1320.00	71016
8	P/ L in position C.Conc. of specified grade excl. the cost of centering & shuttering all work upto plinth level (1:4:8) 1 cement, 4 coarse sand, 8 graded stone aggregate of 40 mm nominal size) crushed.	34.30	Cum	4861.84	166761
10	All works upto Plinth Level	58.30	Cum	7911.26	461226
11	Above Plinth upto Floor V level	71.30	Cum	9302.98	663302
12	P/ L in position specified grade of reinforced cement conc. excl. the cost of centering, shuttering, finishing & Reinforcement all work up to plinth level (1:1.5:3) 1 cement,1.5 course sand,3 graded stone agg. 20 mm nominal size)	8.20	Cum	7800.76	63966
13	Reinforced cement conc. Work in beams,suspended floors,roofs having slope upto 15degree,landings,balconies shelves, chajjas, lintels, bands, plan window sills, stair cases and spiral stair cases upto floor five level excl.the cost of centering, shuttering, inishing and reinforcement in 1:1.5:3 mix (1 cement,1.5 coarse sand 3 graded stone aggregate) 20 mm nominal size.	9.70	Cum	9849.35	95539
14	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix.	15.00	Cum	9408.14	141122
15	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix.	18.70	Cum	6465.20	120899
16	Providing and laying in position specified grade of cement concrete in 1:2:4 nominal mix.	18.70	Cum	10404.52	194565
17	Centering and shuttering including struting propping and removal of form work.				
18	a) Foundations	46.70	Sqm	262.30	12249
19	b) Walls	872.30	Sqm	572.85	499697
20	c) Lintels, Beams etc	27.80	Sqm	502.85	13979
21	d) Suspended Floors, Roofs etc	54.90	Sqm	635.60	34894
22	e) Edges of Slabs	76.20	Sqm	242.30	18463
23	f) Domes	122.43	Sqm	2086.80	255487
24	Extra For Shuttering In Circular Works				
25	a) Foundations	14.80	Sqm	52.46	776
26	b) Walls	319.20	Sqm	114.77	36635
27	c) Beams	27.80	Sqm	100.57	2796
28	d) Domes	31.40	Sqm	417.36	13105
29	Extra For Domes exceeding 6 mtr span	122.43	Sqm	1008.45	123465
30	12 mm thick cement plaster in 1:3mix (1, cement, 3 fine sand)	574.50	Sqm	343.75	197484
31	12 mm thick cement plaster in 1:4 mix (1, cement, 4 fine sand)	507.50	Sqm	325.45	165166
32	Providing Reinforcement to RCC works including bending ,binding ,cutting stratining and placing in position complete.	13778.23	Kg	87.18	1201186



	Providing & incorporating (during conc.) G.P sheet strips water seal 1.25 mm thick at construction joints incld jointing of ends so as to form a continuous berries.	32.50	Sqm	800.00	26000
	Structural Steel work in built up sections Including fabrication etc	1050.00	Kg	146.63	153962
35	Extra for providing and mixing water proofing material in cement conc work in doses by weight of cement as per manufacturing specifications.	1037.00	Kg	57.90	60042
36	Filling available excavated earth (excl. rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming & watering lead upto 50 m, & lift upto 1.5 m.	334.14	Cum	198.70	66394
37	Providing & Fixing D.I Sluice Valves Class I as per site requirement with rubber insertions, bolts, nuts, extension rods, supporting pedestal with base plate & necessary anchoring of approved make excluding cost of Tailpieces				
38	a) 150 mm Dia Sluice Valve	4.00	No	26720.00	106880
39	b) 100 mm Dia Sluice Valve	4.00	No	17210.00	68840
40	Providing & Fixing M.S Fittings viz bends of suitable degree, Tees, Collars etc be fabricated from 6 mm nominal size M.S Plate as per site requirement incl cost of welding & painted with anti corrosive red oxide primer	500.00	Kg	147.82	73910
41	Painting Steel with deluxe multi surface paint of required shade to give an even shade, two or more coats applied.	42.10	Sqm	125.60	5288
42	Engagement of labours for removal of surface boulders	20.00	Lab	503.00	10060
43	Carriage of material from source to dumping site at road by mechanical transport.				
44	a) Cement and steel 25 Km	103.30	M.T	401.80	41506
45	b) Sand for average lead of 40 Km	110.60	Cum	601.01	66472
46	c) 20mm Aggregate 30 Km	162.90	Cum	501.65	81719
47	d) 40mm Aggregate 30 Km	30.80	Cum	545.28	16795
Total Amount Advertized				5912000	
Add @ 4 % of all items				236400	
Total Allotted Amount				6148400	
Say Rs:				61.48 Lacs	

Rates & Qty Checked



Head Draftsman



Technical Officer



Executive Engineer

Al Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 61.48 Lacs Rupees Sixty one lac forty eight thousand only
2	The work shall have to be completed within a period of 60 days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Earnest money deposited by you vide CDR NO: 3090378Dated: 22.06.2022 Rs: 118240/- and FDR No:711638 Dt: 27.12.2022 Rs: 69000/- successful completion of the work and expiry of defect clause.
4	Client/Paying Authority: The client/paying authority shall be the concerned Executive Engineer. Besides, the supervision of the various components of the work shall be carried out by the concerned Engineers of the Division/TPIQM consultants under the overall coordination of the concerned Superintending Engineer Hydraulic Circle/Executive Engineer/Assistant Executive Engineer
5	Terms of Payment: Payment can be claimed on a monthly basis subject to the amount of bill being proportionate to the value of work viz a viz completion period within a variation of -5%.
6	Warranty: The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of subject work. If during warranty period any malfunctioning/ defects arise, the firm /joint venture shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm/joint venture to remove the defect, the Department may get the defects removed/ repaired by any other agency and cost thereof shall be recovered from the firm /joint venture and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting.
7	Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.
8	Defects Liability Period (DLP): The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months.
9	Liquidated damages (LD) In the event of allottee failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UT: a) Terminate the contract after 15 days notice and/or b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department. and/or c) Recover the extra cost, if any, involved in allotting contract to other party. and/or d) Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract. and/or e) Forfeit the performance security and blacklist the firm.

	Force Majeure: Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure or commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency.
	Specifications of job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable PWD code/s.
	Bidder Dying, Becoming Insolvent Or Imprisoned: In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works, communications/instructions.
13	Safety of Govt. Infrastructure: The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the allottee.
14	Allottee's risk and insurance: All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder.
15	Work under Bidders Charge: From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country.
16	Setting Out of Works: The bidder shall be responsible for the time and proper setting out of all the works and for the correctness of the positions, levels, dimensions and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith.
17	Labour: The bidder shall make his own arrangements for the engagement of all types of the labour, required for the execution of the job. No workman below the age of 18 years shall be employed on the works. Also the bidder shall comply with the provisions of all labour laws and the rules framed there under.
18	Storage at Site: The bidder shall at his own cost make arrangements for proper storage especially towards Rain and Snow damages of the equipment/materials at sites till its erection/completion. For the purpose the bidder shall, with the approval of Engineer in charge construct temporary storage accommodation for equipment/ material at site for which land shall be provided by the department near the site of work.
19	Watch & Ward of Works: The bidder shall in connection with the work provide and maintain at his own cost all lights, guards, fencing and watching, when and where necessary or required by the Department for the protection of the work or safety and convenience of the Public etc.
20	Final Acceptance: The equipment/work shall be accepted by the Department only after the system has been tested and has performed satisfactorily in all respects, at site, in accordance with the provisions of the contract.
21	Cleaning Up: On completion of the works the bidder shall clear away, load into trucks or any other transport and remove from the site all constructional plant, surplus materials, dismantled or otherwise, earth and rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workmanship condition, to the satisfaction of the Department.
22	Power and Water Supply: The bidder/firm shall make his own arrangement, at his own cost, for all lines, individual power points, etc. to the machinery and plant required by him for the erection, testing and commissioning of the equipment ordered on him. The bidder shall pay for all electrical energy consumed by him for this purpose at the prevalent electricity tariff in J&K State. Such charges shall be paid by the bidder/firm directly to the Power Corporation and the bidder's final bill shall be settled only after he gets a no outstanding certificate from the concerned Electric Division. The Division shall not be responsible, and the bidder shall have no claim whatsoever for any interruption in power supply or voltage fluctuation or total cut off at the site. The bidder/firm must provide an alternative source of power, at his own cost, at the site for completion of the work. The bidder shall make his own arrangements for water to be used for the execution/Hydro-testing/ water tightness Test/ Curing, labour colony, Site Office etc.
23	Agreement: As soon as letter of award is communicated to the firm, the contract shall be complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.
24	Tender quantities: The advertised quantities in the tender documents are tentative and subject to increase or decrease, depending upon actual requirement at site as per the design and other considerations. The successful bidder shall have no claim/ reservation on this account and the decision of the department shall be final and binding.
25	Third Party Monitoring: The allotted works shall be subject to check by the third party monitoring agency (TPQM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period.
26	All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinagar for favour of information please.
- 2 District Dev.Commissioner Anantnag for favour of Information please
- 3 Superintending Engineer Hyd. Circle Anantnag for favour of Information
- 4 Assistant Executive Engineer PHE Sub -Division Anantnag for information & necessary action. He will ensure the completion of work within the stipulated time period and strictly in accordance with approved proposals, besides the amount of work does not exceed beyond the provision of allotment in any case for which he shall be personally responsible.
- 5 Technical Officer Divisional Office for Information
- 6 File Concorded
- 7


Ex. Engr.
SD PHE Division Bijbehar
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