

P-14
Date: 07/07/2023
Anantnag
7/2/23

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M/S MOHD ISMAIL TEELI & SONS	No/PHB: 15554-20
Managing Partner : Ab Hameed Teeli	Dated: 17-01-2023
R/O Gulshanabad Sarnal	GST. No:- 01AALFM9795K1ZM
Regd: 71/AAY/KCC/PDC94-95	

Tentative Adv. Cost Rs: 134.54 Lacs Alloted cost Rs: 131.24 Lacs	
Subject:-	Construction and successful testing and commissioning of 0.15 MGD Rapid Sand Filtration Plant with Back Wash tank, Clarifloculator , Filter House & Flash Mixer at Wangam WSS. Issus oduss Wangam
Reference	<p>1. Chief Engineer Kmr PHE Department Srinager,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/5962-64 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 :-

SI.No	Description of Work / Item(s)	Qty	Units	Estimated 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)	112.5	Cum	188.75	21234.38
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 :	701.22	Cum	539.35	378203.01
4	Extra for every additional lift of 1.5 m or part thereof inexcavation/banking excavated or stacked material :Allkinds of soil :				
5	All kinds of soil :	47.38	Cum	81.65	3868.58
6	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.	280	Cum	198.7	55636.00
7	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.		Cum	59.95	0.00
8	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	162.63	Cum	1320	214671.60
9	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
10	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	5.67	Cum	7968	45178.56
11	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.		Cum	787.4	0.00
12	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work)				
13	15 mm dia. nominal bore	18	Mtr	163.55	2943.90
14	25 mm dia. nominal bore	18	Mtr	298.15	5366.70
15	50 mm dia. nominal bore	18	Mtr	559.35	10068.30
16	100 mm dia. nominal bore	50	Mtr	1234.95	61747.50
17	150 mm dia. nominal bore	50	Mtr	2167.65	108382.50

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:				
19	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	19.47	Cum	5399.02	105118.92
20	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	36.06	Cum	4861.84	175317.95
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				
22	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	48.79	Cum	7800.76	380599.08
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.				
24	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	42.43	Cum	9408.14	399187.38
25	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:				
26	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	54.29	Cum	9849.35	534721.21
27	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				
28	All works upto plinth level	26.54	Cum	7911.26	209964.84
29	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.				
30	All works above plinth level upto floor V level	67.16	Cum	9302.98	624788.14
31	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	316	kg	172.9	54636.40



32	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	6	Point	1215.55	7293.30
33	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)				
34	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	40	mtr	192.05	7682.00
35	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	70	mtr	230	16100.00
36	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.	93.72	Cum	111.87	10484.46
37	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	37.49	Quintal	1074.37	40278.13
38	Centering and shuttering including strutting, propping etc. and removal of form for:				
39	Foundations, footings, bases of columns etc. for mass concrete.	157.4	sqm	262.3	41286.02
40	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	721.89	sqm	573.85	414256.58
41	Suspended floors, roofs, landings, balconies and access platforms.	284.68	sqm	635.6	180942.61
42	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	239.55	sqm	502.85	120457.72
43	Columns, pillars, piers, abutments, posts and struts.	209.44	sqm	680.15	142450.62
44	Stairs (excluding landings) except spiral staircases.	37.69	sqm	807.5	30434.68
45	Edges of slabs and breaks in floors and walls	323.14	Rm	242.3	78296.82
46	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.				
47	200 mm dia. Pipe	8	Joint	3480	27840.00
48	150 mm dia. Pipe	18	Joint	2150	38700.00
49	100 mm dia. Pipe	18	Joint	1520	27360.00
50	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS :8328 300mm dia DI	10	Mtr	3129.2	31292.00
	200mm dia DI	11	Mtr	1947	21417.00
51	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.				
52	150 mm dia. Class 1	2	No	20243	40486.00
53	100 mm dia. Class 1	2	No	13165	26330.00
54	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)	1143	kgs	57.9	66179.70
55	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.				
56	Thermo-Mechanically Treated bars of grade Fe-500D or more.	23922	Kg	87.18	2085519.96

57	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):				
58	First class kail wood	1.787	Cum	106894.15	191019.85
59	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				
60	First class kail wood (30 mm thick shutter)	50.41	sqm	2784.1	140346.48
61	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				
62	Cement mortar 1:4 (1 cement : 4 coarse sand)	50.79	Cum	7476.38	379725.34
63	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	50.79	Cum	1522.2	77312.54
64	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.				
65	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.		Kg	146.63	0.00
66	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.				
67	Welded	6599	Kg	102.14	674021.86
68	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				
69	80x1.25 mm M.S. laths with 1.25 mm thick top cover	8.4	sqm	3238.2	27200.88
70	Providing and fixing ball bearing for rolling shutters.	4	each	483.1	1932.40
71	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 skirting in vertical & pointing the joints with white cement and matching pigment etc., complete				
72	In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	77.76	sqm	1210.66	94140.92
73	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 skirting in vertical, rubbing, polishing and curing complete with:				
74	Makrana White Second quality (16mm)	108.62	sqm	6175.39	670770.86
75	Extra for pre finished nosing to treads of steps of marble stone	13.34	sqm	579.31	7728.00
76	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 meter.	13.34	sqm	674.13	8992.89

77	12mm Cement plaster finished with a floating coat of neat cement of mix:				
78	1 : 3 (1 cement : 3 fine sand)	234.1	sqm	343.75	80471.88
79	12mm Cement plaster finished with a floating coat of neat cement of mix:				
80	1 : 4 (1 cement : 4 fine sand)	1219.66	sqm	325.45	396938.35
81	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
82	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
83	Two or more coats on new work	97.07	sqm	121.95	11837.69
84	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	447.69	sqm	149.05	66728.19
85	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.				
86	1 mm thick	447.69	sqm	129.5	57975.86
87	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.	1405	KG	147	206535.00
88	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				
89	125 mm	16	each	66.35	1061.60
90	100 mm	36	each	52.3	1882.80
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 :				
92	150x10 mm	16	each	80.35	1285.60
93	100x10 mm	72	each	57.35	4129.20
94	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.				
95	0.50 mm thick with zinc coating not less than 275 gram/m ²	115.08	sqm	830.25	95545.17
96	0.50 mm thick with zinc coating not less than 275 gram/m ²	28.8	m	626.7	18048.96
97	Providing and fixing plained eaves boarding. 250x32 mm (nominal size)	44.4	m	693.9	30809.16
98	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	46.51	Sqm	800	37208.00



99	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
100	in stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required.	975	kg	114.68	111813.00
* 101	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	1530	kg	146.63	224343.90
102	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
103	1.0 HP	1	No	7300	7300.00
104	Supply of 24 watt LED slim Aluiminum pannel surface type complete in all respects	30	No	600	18000.00
105	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
106	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)	8	Point	1300	10400.00
107	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
108	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
109	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
110	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	12	No.	74.75	897.00
111	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards		No.	2125	0.00
112	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	5	No.	1550	7750.00
113	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
114	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
115	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.	250	m	325	81250.00

116	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
117	Providing, fitting, testing and commissioning of following items for Flash Mixer:				
118	Mixing device with reduction gear system	1	Set	2500	2500.00
119	1.0 HP	1	No	4800	4800.00
120	Foundation \ Base plate	1	Set	4548	4548.00
121	Starter along with necessary wiring upto motor	1	No	1680	1680.00
122	Providing, fitting, testing and commissioning of following items for Alum Dosing Unit-				
123	Mixing device with reduction gear system.	1	Set	2500	2500.00
124	3-phase electrically driven motors:				
125	1.0 HP	1	No	4800	4800.00
126	Foundation / Base plate	1	Set	4548	4548.00
127	Starter along with necessary wiring upto motor	1	No	1680	1680.00
128	P.V.C outlet, overflow system with fittings upto point of application	1	Lot	530	530.00
129	150mm dia drain out let	1	Lot	1350	1350.00
130	50 mm dia Service water piping.	1	Lot	530	530.00
131	Constant dosing unit with time device	1	Set	1500	1500.00
132	Manually operated hoist	1	Set	10000	10000.00
133	Providing, fitting, testing and commissioning of following items for Chlorine Dosing Unit-				
134	Mixing device with reduction gear system.	1	Set	2500	2500.00
135	1.0 HP	1	No	4800	4800.00
136	Foundation / Base plate.	1	Set	4548	4548.00
137	P.V.C outlet, overflow system with fittings upto point of application.	1	Lot	530	530.00
138	Starter along with necessary wiring upto motor	1	No	1680	1680.00
139	150 mm dia Drain out let	1	Lot	1350	1350.00
140	50mm dia service water piping	1	Lot	530	530.00
141	Constant dosing unit with time device.	1	Set	1500	1500.00
142	Providing and fixing D.I. sluice valves Class 1 (with cap) complete with rubber insertions, bolts, nuts, extention rod, joint connector, supporting pedestal with base plate, top plate and necessary anchoring bolts etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments. 100mm		Each	17210	0.00
143	150 mm dia.	6	Each	26720	160320.00
144	200 mm dia.	2	Each	42300	84600.00
145	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				
146	4.2 KLPM Air blower with 5.0 HP Motor.	2	No	87500	175000.00
147	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
148	Providing and fitting of:				
149	100 Amp 4 pole change over of reputed make.	2	No	7598	15196.00
150	100 Amp-Copper bus bar	2	No	4550	9100.00
151	64 Amp-Copper bus bar	2	No	3750	7500.00
152	100 Amp MCCB	2	No	3300	6600.00
153	63 Amp MCCB	2	No	2700	5400.00
154	16 Amp MCCB	4	No	1250	5000.00
155	6 Amp MCCB	5	No	630	3150.00
156	3-phase indicator points	10	No	445	4450.00
157	3-phase voltmeter and Amperemeters	12	No	1190	14280.00

158	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				
159	75 mm dia	60	Mtr	1420	85200.00
160	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				0.00
161	Pumping unit with 2.0 HP Motor.	1	Set	19120	19120.00
162	Starter along with necessary wiring upto motor	1	no	1680	1680.00
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 panel 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	Starter along with necessary wiring upto motor	2	No	1680	3360.00
174	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
175	1.0 HP	1	no	7300	7300.00
176	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	17.59	Sqm	925	16270.75
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	112.64	Mt	357.66	40286.82
183	Steel CGI Sheets Avg. lead 20 Km	35.78	M+	357.66	12797.07
184	Sand Avg. lead 40 Km	165.74	Cum	601.08	99623.00

185	20mm Aggregate lead of 30 Km	232.82	Cum	501.68	116801.14
186	40mm Aggregate lead of 30 Km	32.45	Cum	544.9	17682.01
187	Brick for average lead of 25 KM	24125	No	1.21	29191.25
188	Earth for average lead of 4 KM	1094	Cum	215	235210.00
Total					12148608.57
Add 8% of all items of work					971888.69
Total Amount					13120497.26

Head
Draughtsman

Technical Officer

Executive Engineer
PHH Division Bijbehara

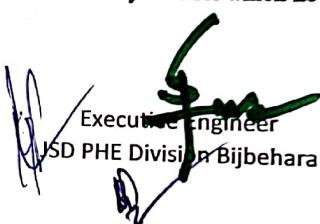
Terms & Conditions

1	The cost of work should in no case exceed beyond Rs.131.24Lacs Rupees One CroreThirty one lac twenty four 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	The earnest money @ 3% in the shape of BG submitted by the Contractor vide BG No:0014IPBG2301002 Dt: 06.01.2023 Rs: 402000/- shall be released after successfully 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 full satisfaction 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.
15	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 Estimated cost of each RSFP has been reflected at the start of BOQ. bidder is supposed to quote the percentage appreciation/depreciation with care as that will apply for all the items of the BOQ. bidders are advised to check the exact location and particulars of the RSFP they are bidding for, from the concerned organization 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



Executive Engineer
JSD PHE Division Bijbehara

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Anantnag 22-23
JMM

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBHARA

S/o's GHULAM NABI BHAT

S/o Mohd Sultan Bhat

R/o Manzhama Iqbal ABAD Anantnag

Regd. No.: 21/AAY/SE/Hyd/Ang/2002-03

No/PHB: 10292-97

Dated: 17-10-2022

GST. No.: 01AKSPB3004BIZS

Tender ID: 2022_PHE_167940_25

Adv. Cost Rs: 120.36 Lacs

Allotted cost Rs: 116.135 Lacs

Subject:-	Laying/Fitting of Pipes, Construction of Chain Link Fencing, Intake Chamber, D.G Shed, Crate Protection Works, & Filter Operators Quarter WSS Issus Odus Wangam under JJM
Reference	1. In response to this office e-NIT No. 09 OF 2022-23 Dated: 27-04-2022 issued under No: PHB/1046-71 Date: 27.04.2022 02. Read with date Extension No: PHB/2080-2100 Dated: 23.05.2022 03. Read with date Extension No: PHB/2440-60 Dated: 28.05.2022 04. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3558-60 Dated: 30.07.2022 05. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022 06. This office Letter of intent No/PHB/6484-91 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)	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.				
1.1	a) All Kinds of Soil	5049.88	Cum	436.00	2201748
1.2	b) Ordinary Soft Rock	2126.30	Cum	841.00	1788218
2	Providing and laying of dry stone soling tightly hand packed on horizontal levels.	39.03	Cum	616.40	24058
3	Providing and laying of 1:4:8 nominal mix cement concrete using 40 mm aggregate excluding cost of centering & shuttering.	20.01	Cum	4861.84	97285
4	Providing and laying of 1:2:4 mix Cement Concrete using 20 mm aggregate excluding cost of centering/Shuttering	44.30	Cum	6434.01	285027
5	Reinforced Cement Concrete in 1:1.5:3 mix in foundations upto plinth level using 20 mm aggregate excluding cost of Centering/Shuttering	4.15	Cum	7800.76	32373
6	Reinforced Cement Concrete in 1:1.5:3 mix in Walls upto plinth level using 20 mm aggregate excluding cost of Centering/Shuttering	17.41	Cum	9408.14	163796
7	P/L Reinforced Cement Concrete in 1:1.5:3 mix using 20 mm aggregate in Suspended Floors using 20 mm aggregate excluding cost of centering/Shuttering	13.30	Cum	9849.35	130996
8	Centring and shuttering including strutting propping and removal of form work.				
8.1	a) Foundations	94.72	Sqm	262.30	24845
8.2	b) Walls	292.08	Sqm	573.85	167610

8.3	c) Beams, Lintels etc	48.12	Sqm	502.85	24197
8.4	d) Suspended Floors, Roofs, Landings etc	54.55	Sqm	635.60	34672
8.5	e) Edges of Slabs & breaks in floor walls	59.18	R.M	242.30	14339
8.6	12 mm thick cement plaster in 1:3 mix with floating coat of neat cement (1 cement, 3 fine sand).	182.54	Sqm	343.75	62748
9	15 mm thick cement plaster in 1:6 mix (1 cement, 6 fine sand).	375.18	Sqm	278.60	104525
10	Providing Reinforcement to RCC works including bending, binding, cutting, straitening and placing in position complete.	3235.00	Kg	87.18	282027
11	Polygonal R.R. Masonry with Quary stone hard laid in Dry.	15.90	Cum	2497.50	39710
12	Structural steel works welded in buildup sections, trusses and framed works including cutting, hoisting, fixing in position and applying a priming coat of approved metal primer complete.	5329.00	Kg	102.14	544304
13	R.R. Masonry with Quary stone laid in 1:6 CM.	37.76	Cum	4435.25	167475
14	Providing and laying of 50mm thick DPC band over stone work in 1:2:4 nominal mix.	24.17	Sqm	372.85	9012
15	Pointing on stone work with cement mortar in 1:3 mix. (Flush type)	22.95	Sqm	270.80	6215
16	Brick work with commonly brunt clay F.P.S bricks of class designation 75 in foundation and plinth in 1:6 CM.	28.59	Cum	7111.31	203312
17	Extra over Brickwork in super structure upto floor V level.	24.44	Cum	1522.20	37203
18	Providing and fixing of wooden chowkat in Kail Wood.	0.87	Cum	106894.15	92998
19	Providing Fixing Panelled or Panelled or glazed shutter for door windows 35 mm thick.	17.66	Sqm	3093.80	54637
20	Providing and fixing of panelling or penelling and glazing in panelled or panelledand glazed shutters for doors and windows ; penelling 25mm to 40mm thick of Kail wood.	2.54	Sqm	2360.95	5997
21	Structural Steel work in built up sections	2455.00	Kg	91.03	223466
22	Providing & Fixing of G.I Chain Link Fencing	180.00	Sqm	733.50	132030
23	Providing and fixing of 35mm thick wire guage shutters for doors and windows of Kail wood.	8.55	Sqm	3651.85	31223
24	Providing 50mm thick cement concrete flooring with floating coat of neat cement.	67.38	Sqm	505.00	34027
25	Providing and fixing 1st quality ceramic glazed tiles with minimum thickness 5mm of approved make like Kajaria, Somany etc. over 12mm thick cement mortar in 1:3 mix.	14.90	Sqm	1210.66	18039
26	Providing and fixing water closet squarting 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 intergral foot type).	1.00	No	3985.85	3986

27	Providing and fixing salem stainless steel kitched sink. Size 610x510x200mm	1.00	No	4274.20	4274
28	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
29	Providing and fixing of corrugated G.S. Sheets including vertical/curved surfaces with polymer coated J or L hooks (0.50mm thick).	183.27	Sqm	830.50	152206
30	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	R.M	626.70	20606
31	Providing and fixing Plained eves boarding in 2nd Class Kail wood (250 x 32 mm Nominal)	32.20	R.M	693.90	22344
32	Supply and fixing rolling shutter of approved make made of required size MS lathes interlocked together through their entire length etc. complete with 80x 1.25 mm M/S Laths with 1.25 mm thick top cover.	5.56	Sqm	3238.20	18004
33	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 compleate.	78.87	Sqm	129.50	10214
34	Distempering with 1st quality acrylic distemper of approved brand and manufacture including applying additional coats where ever required to achive even shade. (Two Coats)	78.87	Sqm	149.05	11756
35	Finishing walls with water proofing cement paint of required shade (external) (Snowsum)	62.64	Sqm	91.80	5750
36	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give even shade two or more coats on new work lincluding priming coat of approved brand and manufacture.	220.68	Sqm	179.80	39678
37	Add provision for plumbing, Sanitary, Grills and electricification to the Quarter (Lumpsum to be paid actual).	1.00	Job	75000.00	75000
38	Providing and hand packing of Quarry stone of required size into the wire crates excluding cost of wire crates.	364.52	Cum	837.45	305267
39	Structural Steel work welded in built up sections, framed work for Gates etc	255.00	Kg	146.63	37391
40	Back-filling of available excavated soil into the trench excluding rock.	6262.88	Cum	198.70	1244433
41	Providing & Fixing M.S Flanges to old Salvaged pipes including cost of nuts, bolts, washers etc complete.				
41.1	a) 100 mm M.S Flanges	83.00	Pair	1520.00	126160
41.2	b) 80 mm M.S Flanges	50.00	Pair	1100.00	55000
42	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)	2581.45	Qtl	245.55	633875

43	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
43.1	a) 200 mm D.I Pipe	1182.00	Joint	213.00	251766
43.2	b) 150 mm D.I Pipe	364.00	Joint	144.70	52671
43.3	Laying & Fitting of G.I Pipes .				
43.4	a) 50 mm G.I Pipe	2000.00	Mtr	40.80	81600
43.5	b) 40 mm G.I Pipe	3000.00	Mtr	40.80	122400
43.6	c) 25 mm G.I Pipe	3000.00	Mtr	30.65	91950
43.7	d) 20 mm G.I Pipe	4000.00	Mtr	20.25	81000
43.8	e) 15 mm G.I Pipe	4000.00	Mtr	20.25	81000
44	Making Connections of G.I branch with G.I main including providing & Fixing Tees etc Complete.				
44.1	a) Above 40 mm	40.00	No	1268.75	50750
44.2	b) Below 40 mm	120.00	No	666.25	79950
45	Providing & Fixing Regulation valves as per site requirement of approved make excluding the cost of Tail pieces etc complete				
45.1	a)150 mm Sluice Value	3.00	No	20243.00	60729
45.2	b)100 mm sluice Value	3.00	No	13164.00	39492
46	Providing and Supply of Quarry Stones for filling into Crates	364.52	Cum	1400.00	510328
47	Providing & Supply of Knitted Crates made of Mesh type 10 x 12 Zn coated . Mesh wire with nominal diameter of 4 mm including carriages	255.90	Sqm	305.00	78050
48	Structural Steel work for Providing/Fabricating & Providing M.S Bends, Tees as per site requirement to be fabricated at site including hire charges of DG set, Welding Machine etc complete.	800.00	Kg	114.68	91744
49	Carriage of material from source to dumping site at road by mechanical transport.				
49.1	a) Cement/ Steel (35 Km)	49.78	M.T	490.12	24398
49.2	b)Sand for average lead of (50km)	71.88	Cum	700.37	50343
49.3	c) 20 mm Aggregate (50 Km)	74.51	Cum	700.37	52185
49.4	d) 40 mm Aggregate (50 Km)	13.97	Cum	761.25	10635
49.5	e) Stone Solling (10 Km average)	39.03	Cum	242.67	9471
49.6	f) Quarry Stone(20 Km average)	53.67	Cum	573.25	30766
49.7	g) 200 mm dia D.I Pipe(20Km)	6500.00	Mtr	23.83	154895
49.8	h) 150 mm D.I Pipe (20 Km)	2000.00	Mtr	14.65	29300
49.9	i) 80 to 15 mm G.I Pipe(20 Km)	35.76	M.T	357.64	12789
49.1	j) Bricks (average 15 Km)	13578.00	No	0.91	12356
50	Extra Carriage of Pipes from nearest dumping site to actual site of work by manual labour for .				
50.1	a)200mm dia D.I Pipe (500 Mtr)	6500.00	Mtr	20.32	132080
50.2	b)150mm dia D.I Pipe (500 Mtr)	2000.00	Mtr	13.54	27080
50.3	e)80 to 15mm dia D.I Pipe (500 Mtr)	35.76	MT	355.70	12720
			Total		12036000
	Deduct @ -3.50 % for all items as below percentage quoted by the contractor				422464
			Total after Deduction		11613536
			Say Rs:		116.135

Rates & Qty Checked

Lead
man

Technical Officer

Er. Arish Sharma
Executive Engineer
Jal Shakti PHE Division Bijbehara



Scanned with OKEN Scanner

Terms & Conditions

	<p>The cost of work should in no case exceed beyond Rs. 116.135 Lacs (Rupees One Crore sixteen Lac thirteen thousand five hundred) only</p>
2	<p>The work shall have to be completed within a period of 60 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.</p>
3	<p>Earnest money deposited by you vide CDR NO:021595DT: 06 . 05.2022 RS: 234000 /-, No: 021637 Dated: 07 . 06 .2022 Rs:11000 and No: 0009605 Dt: 03.08.2022 Rs: 121000 /- successful completion of the work and expiry of defect clause.</p>
4	<p>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</p>
5	<p>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%.</p>
6	<p>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.</p>
7	<p>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.</p>
8	<p>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.</p>
9	<p>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.</p>
10	<p>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.</p>

	<p>Specifications of job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.</p>
12	<p>Bidder Dying, Becoming Insolvent Or Imprisoned: <i>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.</i></p>
13	<p>Safety of Govt. Infrastructures: <i>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.</i></p>
14	<p>Allottee's risk and insurance: <i>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.</i></p>
15	<p>Work under Bidders Charge: <i>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.</i></p>
16	<p>Setting Out of Works: <i>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.</i></p>
17	<p>Labour: <i>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.</i></p>
18	<p>Storage at Site: <i>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.</i></p>
19	<p>Watch & Ward of Works: <i>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.</i></p>
20	<p>Final Acceptance: <i>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.</i></p>
21	<p>Cleaning Up: <i>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.</i></p>

	<p>Power and Water Supply: <i>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.</i></p> <p><i>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.</i></p>
23	<p>Agreement: <i>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.</i></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: <i>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.</i></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.
- 5 Technical Officer Divisional Office for information
- 6 File Concerned



Executive Engineer
ISD PHE Division Bijbehara

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~~Page 3rd.~~
OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

Analys
23-24
7 J.M.

M/S M.A. Kiloo & Co	No/PHB: 155-59
M.P : Muzaffer Ahmad Kiloo	Dated: 06.04.2023
R/O Anantanag	GST. No.: 01ARBOJ8814E1Z9
Regd No:393/A/KCC/PDC/2004-05	
Tender ID: 2022_PHE_174020_6	

Adv Cost Rs: 55.84 Lacs		Alloted cost Rs: 58.07 Lacs							
Subject:-	Construction including Commissioning of 0.67 Lac Gallons Service Reservoir with PST at Head Site and 4 No Sluice Chambers WSS Issus Odus Wangam Under Jal Jeevan Mission Part 2nd								
Reference	1. Your tender received in response to this office Fresh: e-NIT No. 27 OF 2022-23 issued under NO/PHE/3156-75 Dated: 14-06-2022 02. Read with Corrigendum No: /PHB 3945-60 Dated: 01.07.2022 03. Read with Corrigendum NO/PHB/4445-65 Dated: 08.07.2022 03. DJM /District Development Commissioner Anantanag's Authorization No:DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022 & No/DDCA/DJM/9413 Dt: 04.11.22 04. Superintending Engineer Hyd.Circle Anantanag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022 05. Superintending Engineer Hyd.Circle Anantanag's Authrozation Letter No:SE/Hyd/8445 Dt: 10.11.2022								
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 Soil	192	Cum	436.00	83712				
3	b) Ordinary Soft Rock	53.75	Cum	841.65	45239				
4	Earthwork in excavation over areas exceeding 30 cm in depth 1.5 m 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.	861.92	Cum	539.35	464877				
5	Extra for every additional lift of 1.5m or part thereof.	489.15	Cum	81.65	39939				
6	Removal of surface /clearance of site by manual labours	20.00	lab	503.00	10060				
7	Providing and laying of dry stone soiling tightly hand packed of size 50 mm icluding all carriages	46.95	Cum	1320.00	61974				
8	Providing and laying of 1:4:8 nominal mix cement concrete .	29.01	Cum	4861.84	141042				
9	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix.	8.2	Cum	7800.76	63966				
10	Providing/Laying Machine batched mix design of grade M-25 for Reinforced Cement Concrete excluding cost of centering, shuttering & Reinforcement.								
11	All works upto Plinth Level	47.02	Cum	7911.25	371987				
12	Above Plinth upto Floor V level	62.47	Cum	9302.98	581157				
13	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix in walls, columns attached plasters .	14.96	Cum	9408.14	140746				
14	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix in Suspended Floors etc	8.75	Cum	9849.35	86182				
15	Reinforced cement concrete of specified grade in 1:1.5:3 nominal mix in Domes etc.	14.68	Cum	10404.52	152738				
16	Centering and shuttering including strutting propping and removal of form work.								
17	a) Foundations	43.66	Sqm	262.30	11452				
18	b) Walls	788.26	Sqm	573.85	452343				
19	c) Beams, Lintels etc	24.78	Sqm	502.85	12461				
20	d) Suspended Floors, Roofs, Landings etc	50.06	Sqm	635.60	31818				
21	e) Arches, Domes etc upto span 6mtr	124.39	Sqm	2086.80	259577				
22	f) Edges of Slabs & breaks in floor walls	71.4	R.M	242.30	17300				
23	Extra for Shuttering in Circular Works								
24	i) Foundations	13.28	Sqm	52.46	697				
25	ii) Walls	283.88	Sqm	114.77	32581				
26	iii) Beams	24.78	Sqm	100.57	2492				
27	v) Extra for dome exceeding 6m span	124.39	Sqm	1008.45	125441				
28	Cement Plaster in 1:3 mix with floating coat of neat Cement.	482.3	Sqm	343.75	165791				
29	12mm Cement plaster in 1:4 mix.(1cement,4 fine sand)	445.63	Sqm	325.45	145030				
30	Reinforcement for RCC work including cutting, bending binding & placing in position.	14069	Kg	87.18	1226535				
31	Extra for providing water profing compound to cement concrete works.	876.00	Kg	57.90	50720				
32	Structural steel works welded in buildup sections, trusses and framed works including cutting, hoisting, fixing in position and applying a priming coat of approved metal primer complete.	1100	Kg	102.14	112354				
33	Providing and Incorporating of gp sheet water seal of 0.63mm thick at constructional joints including joining of ends so as to form continues.	28.17	Sqm	800.00	22536				
34	Painting steel work with delux multi surface paint to required shade to give an even shade .Two or morecoats applied @0.90litre/10sqm of approved brand And manufacture	37.8	Sqm	125.60	4748				
35	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, ladders, railings, brackets, gates & similar works.	1050	Kg	146.63	153962				
36	Back-filling of available excavated soil into the trench excluding rock.	395.63	Cum	198.70	78612				



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	No	26720.00	106880
39	b) 100 mm Dia Sluice Valve	2	No	17210.00	34420
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	400	Kg	147.82	59128
41	Carriage of material from source to dumping site at road by mechanical transport.				
42	a) Cement/ Steel (15 Km)	89.19	M.T	303.65	27083
43	b) Sand (40 Km)	95.01	Cum	601.01	57102
44	c) 20 mm Aggregate (30 Km)	140.49	Cum	501.65	70477
45	d) 40 mm Aggregate (30 Km)	26.08	Cum	545.28	14221
46	Carriage of material from Dumping Site Actual Site by Head Load.				
47	a) Cement/ Steel 500 Mtr	24.5	M.T	355.70	8715
48	b) Steel 500 Mtr	5.53	Cum	605.96	3351
49	c) Sand & 20 mm Aggregate (500 Mtr)	75.99	Cum	621.21	47206
50	d) 40 mm Aggregate (500 Mtr)	8.04	Cum	671.55	6399
Total Amount Advertized					
5584000					
Add @ 4 % of all Items					
223300					
Total Allotted Amount					
5807300					
Say Rs: ! 58.07 Lacs					

Rates & Qty Checked


Head Draftsman


Technical Officer

Executive Engineer

Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 58.07Lacs Rupees fifty eight lac seven 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: 3090377 Dt: 22.06.22 Rs: 111680/- and No:711638 Dated:27.12.2022 Rs:56000 / However, remaining additional amount for an amount of Rs: 69000/- shall be credited to his another work - 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. 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 such failure or commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, storm, 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 become being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminate 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.
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 construction 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 (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.
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
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