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JPM

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJEHARA

M/S Mir & Co Batapora Srinager	No/PHB: 13992-96
Prop: Farooq Ahmad Mir	Dated: 21-12-22
R/O Gussu Batpura Hazratbal Srinager	GST. No.: 01BNKPM9377E2ZS
Regd. No:- 224/A/CE/KCC/PDC OF 1997-98	
Tentative Adv. Cost Rs: 114.00 Lacs	Alloted cost Rs: 112.88 Lacs

Subject:- Construction of 0.15 MGD Rapid Sand Filtration Plant at kanelwan (Cost Shall include PST, Clariflocculator, Flash Mixer, Filter House & Wash Water Disposal Chamber)

- Reference
- 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
 - UT Level Committee meeting held on 01.06.2022 under the Chairmanship of Development Commissioner Works PW (R&B).
 - 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
 - DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3582-86 Dated: 25.07.2022
 - Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4413-16 Dated: 30.07.2022
 - This office Letter of intent No/PHB/5941-43 Dated: 30.07.2022

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	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	1800	Sqm/100 %	1136.15	20451
2	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				
3	Beyond 30 cm girth upto and including 60 cm girth.	10	No	344.80	3448
4	Beyond 60 cm girth upto and including 120 cm girth.	12	No	1530.80	18370
5	Beyond 120 cm girth upto and including 240 cm girth.	3	No	7090.80	21272
6	Above 240 cm girth	3	No	14214.40	42643
7	Earth work in bulk excavation by mechanical means (hydraulic excavator) over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 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)	417.89	Cum	188.75	78877
8	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.				
9	All kinds of soil :	179	Cum	539.35	96544
10	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	238.8	Cum	198.70	47450
11	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	314	Cum	59.95	18824
12	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	78.61	Cum	1320.00	103765
13	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	3.65	Cum	7700.00	28105
14	Supply and filling of filter media from approved source - Sand (Coarse filter sand - In filter beds. Including all carriages, complete job	6.07	Cum	7968.00	48366
15	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	26.87	Cum	787.40	21157
16	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				

17	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	5.04	Cum	6434.01	32427
18	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	94.28	Cum	6399.02	509020
19	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	26.29	Cum	4861.84	127818
20	Providing and laying upto floor v level reinforced cement concrete in kerbs, steps and the like including curing but excluding the cost of centering, shuttering, finishing and reinforcement with:				
21	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	3.46	Cum	9036.39	31266
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)	59.16	Cum	7800.76	461493
24	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, plers, 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)	36.24	Cum	9408.14	340951
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 centering, shuttering, finishing and reinforcement with:				
27	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	59.12	Cum	9849.35	582294
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 above plinth level upto floor V level	61.66	Cum	9302.98	573622
30	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 MS tubes	225	kg	172.90	38903
31	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	10	Point	1215.55	12156
32	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)				
33	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	50	mtr	192.05	9603
34	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	50	mtr	230.00	11500
35	Centering and shuttering including strutting, propping etc. and removal of form for:				
	Foundations, footings, bases of columns etc. for mass concrete.	139.09	sqm	262.30	36483
37	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	688.88	sqm	673.85	395314

38	Suspended floors, roofs, landings, balconies and access platforms.	227.89	sqm	635.60	144847
39	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	147.55	sqm	602.85	74196
40	Columns, pillars, piers, abutments, posts and struts.	195.89	sqm	680.15	133235
41	Stairs (excluding landings) except spiral staircases.	48.68	sqm	807.50	39309
42	Edges of slabs and breaks in floors and walls	191.04	Rm	242.30	46289
43	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
44	Foundations	9.95	sqm	52.46	522
45	Walls	282.45	sqm	114.00	32199
46	Edges of slabs and breaks in floors and walls	6.44	sqm	48.46	312
47	Beams	12.7	sqm	100.57	1277
48	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)	699	kgs	57.90	40472
49	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.				
50	Thermo-Mechanically Treated bars of grade Fe-500D or more.	19000	Kg	87.18	1656420
51	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):				
52	First class kail wood	1.12	Cum	106894.15	119721
53	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				
54	Cement mortar 1:4 (1 cement : 4 coarse sand)	43	Cum	7476.38	321484
55	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	43	Cum	1522.20	65455
56	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. chequered plate wherever required, all complete.				
57	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	1500	Kg	146.63	219945
58	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.				
59	Welded	5723	Kg	102.14	584547
60	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters				
61	80x1.25 mm M.S. laths with 1.25 mm thick top cover	5.45	sqm	3238.20	17648
62	Providing and fixing ball bearing for rolling shutters.	2	each	483.10	966
63	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				
64	In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	44.65	sqm	1210.66	54056

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65	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 curling complete with:				
66	Makrana White Second quality (16mm)	94.33	sqm	6176.39	582525
67	Extra for pre finished nosing to treads of steps of marble stone	11.7	sqm	679.31	6778
68	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 meter.	11.7	sqm	674.13	7887
69	12mm Cement plaster of mix:				
70	1 : 4 (1 cement : 4 fine sand)	1921	sqm	260.05	499556
71	Applying priming coat With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	55.77	sqm	69.50	3318
72	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
73	Two or more coats on new work	63.69	sqm	121.95	7767
74	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.				
75	1 mm thick	427.56	sqm	129.50	55369
76	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.	2165	KG	147.00	318255
77	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				
78	125 mm	12	each	66.35	796
79	100 mm	36	each	52.30	1883
80	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 :				
81	150x10 mm	12	each	80.35	964
82	100x10 mm	72	each	57.35	4129
83	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.				
84	0.50 mm thick with zinc coating not less than 275 gram/m2	97.75	sqm	830.25	81157
85	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete				
86	0.50 mm thick with zinc coating not less than 275 gram/m2	20.6	m	626.70	12910
87	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	67.2	m	693.90	46630
88	Providing and fixing of 0.63 mm thick PGI sheet at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	30.56	m	800.00	24448
	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	427.5	Sqm	149.05	63719

90	Providing & fixing of PVC under drainage laterals with specifications conforming to IS-4985 & IS-16801, 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				
91	62.5 mm dia	100	m	1110.00	111000
92	Supply of 24 watt LED slim Aluminum pannel surface type complete in all respects	20	No	600.00	12000
93	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)	50	Point	824.65	41228
94	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)	15	Point	1300.00	19500
95	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.	20	No.	569.25	11385
96	Supply and fixing of two module stepped type Electronic Fan regulator on the existing modular plate switch box including connections but excl cost modular plate etc., as required.	6	No.	393.30	2360
97	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.	20	No.	228.85	4577
98	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.	15	No.	442.75	6641
99	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	70	No.	74.75	5233
100	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	1	No.	2125.00	2125
101	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	3	No.	1550.00	4650
102	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (up to 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	1	No.	196.65	197
103	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	3	No.	417.45	1252
104	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.	1500.00	15000
105	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	325.00	48750
106	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.				
107	200 Amp. 4 pole Change over of reputed make	2	No	11200.00	22400
108	100 Amp 4 pole change over of reputed make.	2	No	7598.00	15196
109	64 Amp. 4 pole Change over of reputed make	2	No	5000.00	10000
110	32 Amp. 4 pole Change over of reputed make	2	No	2500.00	5000
111	200 Amp 3-phase copper bus bar	2	No	7500.00	15000

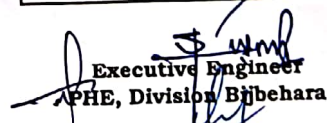
112	100 Amp-Copper bus bar	2	No	4550.00	9100
113	64 Amp-Copper bus bar	2	No	3750.00	7500
114	32 Amp-Copper bus bar	2	No	2850.00	5700
115	100 Amp MCCB	5	No	3300.00	16500
116	63 Amp MCCB	5	No	2700.00	13500
117	40 Amp MCCB	10	No	2100.00	21000
118	16 Amp MCCB	20	No	1260.00	25000
119	6 Amp MCCB	20	No	630.00	12600
120	3-phase indicator points	15	No	445.00	6675
121	3-phase voltmeter and Amperemeters	15	No	1190.00	17850
122	Installation, testing and commissioning of pre-wired, fluorescent fitting/ compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC Insulated, copper conductor, single core cable and earthing etc. as required.	10	No	193.20	1932
123	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)	3	No	2360.95	7083
124	Providing, fitting, testing and commissioning of following items for Flash Mixer:				
125	Mixing device with reduction gear system	1	Set	2500	2500
126	3-phase electrically driven motors: 1.0 HP	1	No	4800.00	4800
127	Foundation \ Base plate	1	Set	4548.00	4548
128	Starter along with necessary wiring upto motor	1	No	1680.00	1680
129	Providing, fitting, testing and commissioning of following item for Alum Dosing Unit-				
130	Mixing device with reduction gear system.	1	Set	2500.00	2500
131	3-phase electrically driven motors:				
132	1.0 HP	1	No	4800.00	4800
133	Foundation / Base plate	1	Set	4548.00	4548
134	Starter along with necessary wiring upto motor	1	No	1680.00	1680
135	P.V.C outlet, overflow system with fittings upto point of application	1	Lot	530.00	530
136	150mm dia drain out let	1	Lot	1350.00	1350
137	50 mm dia Service water piping.	1	Lot	530.00	530
138	Constant dosing unit with time device	1	Set	1500.00	1500
139	Manually operated hoist	1	Set	10000.00	10000
140	Providing, fitting, testing and commissioning of following items for Chlorine Dosing Unit-				
141	Mixing device with reduction gear system.	1	Set	2500.00	2500
142	1.0 HP	1	No	4800.00	4800
143	Foundation / Base plate.	1	Set	4548.00	4548
144	P.V.C outlet, overflow system with fittings upto point of application.	1	Lot	530.00	530
145	Starter along with necessary wiring upto motor	1	No	1680.00	1680
146	150 mm dia Drain out let	1	Lot	1350.00	1350
147	50mm dia service water piping	1	Lot	530.00	530
148	Constant dosing unit with time device.	1	Set	1500.00	1500
149	Providing and fixing D.I. sluice valves Class 1 (with cap) complete with rubber insertions, bolts, nuts, extension rod, joint connector, supporting pedestal with base plate, top plate and necessary anchoring bolts etc. (the tall pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.				
150	150 mm dia.	8	Each	26720.00	213760
151	200 mm dia.	2	Each	42300.00	84600
152	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 gauge, Nozzles, foundation block, base plate, air check valve, non-return valve, Starter etc				
153	4.2 KLPM Air blower with 5.0 HP Motor.	2	No	87500.00	175000

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154	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	103.6	25875
155	Providing and fitting at site 3-phase, Voltage stabilizer of following ratings, oil immersed, 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.				
156	30 KVA	1	No	47000	47000
157	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.	2	No	4250	8500
158	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				
159	On steel work	60	sqm	188.80	11328
160	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				
161	Pumping unit with 5.0 HP Motor.	1	Set	24268.00	24268
162	Starter along with necessary wiring upto motor	1	No	1680.00	1680
163	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
164	1 HP	1	No	7300.00	7300
165	Incoming cable, telescopic electric pole with rotary current collector	1	Set	6500.00	6500
166	Central axle turn table with double bearing and guide for incoming cable.	1	Set	4800.00	4800
167	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.				
168	With Galvanized M.S. Wire gauge with wire of dia 0.63 mm	22.32	Sqm	925.00	20646
169	4 mm thick glass pane (weighing not less than 10 kg/sqm)	42.12	sqm	1768.05	74470
170	Carriage of material from source to dumping site at road by Mechanical transport.				
171	Cement Steel 40 Km	157.4	Mt	320.41	50433
172	Sand Avg. Lead 42 Km	146.49	Cum	372.14	54515
173	20mm Aggregate lead of 43 Km	196.07	Cum	377.97	74109
174	40mm Aggregate lead of 43 Km	116.79	Cum	410.95	47995
175	Brick for average lead of 25 KM	20425	No	0.73	14869
				Total	10487096
				Add 8% of all items of work	800992
				Total Amount	11288088


Head
Draftsman


Technical Officer


Executive Engineer
AFHE, Division Bijnahara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 112.88 Lacs (Rupees One Crore twelve lac eighty eight 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 CDR/FDR/BQ shall submit with in one week postively of the issuance of allotment as per the terms and conditons of standered bidding document .
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 tentative cost of each OHT 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 OHT 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 Srinager 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 Bijbehara 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
PHE Division Bijbehara

P-69
part 1st

Bijbehara
JGM

22

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M/S ABDUL AZIZ BHAT	No/PHB: 9915-17
S/O Kh Mohammad Abdullah Bhat	Dated: 10-10-22
R/O Khiram Durpora	GST. No.:- 01AJNPB5782C1ZL

Regd: 55/AA/SE/Sopr/2006-2007

Tender ID: 2022_PHE_167005_25

Adv. Cost Rs: 108.01 Lacs

Alloted cost Rs: 105.58 Lacs

Subject:- L/F, Construction of SR and Sluice chamber for WSS Kanelwan under JJM

- Reference**
1. Your tender received in response to this office : e-NIT No. 03 OF 2022-23 Dated: 28 -04-2022 PHB/542-62 Dated: 18.04.2022
 02. Read with Corrigendum No: PHB/1440-30 Dated: 10.05.2022
 03. Read with Corrigendum No: PHB/2440-60 Dated: 28.05.2022
 04. Read with Corrigendum No: PHB/1770-1790 Dated: 18.05.2022
 05. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3558-60 Dated: 30.07.2022
 06. Superintending Engineer Hyd.Circle Anantnag's Authrozation Letter No:SE/Hyd/4590 Dated: 03.08.2022
 07. This office letter of intent No/PHB/6656-63 Dated: 03.08.2022

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 including disposal of excavated soil upto 1mt from cutting edge.				
1.1	a) All Kinds of Soil	3800.92	Cum	436.00	1657201
1.2	b) Ordinary Soft Rock	3773.55	Cum	841.6	3175820
2	Extra for every additional lift of 1.5m or part thereof.	166.46	Cum	81.65	13591
3	Providing and laying of dry stone soling tightly hand packed on horizontal levels.	15.37	Cum	616.40	9474
4	Providing and laying in position cement concrete of specified grade excluding the cost of centring & shuttering all work up to plinth level (1:3:6) 1 cement, 4 coarse sand, 8 graded stone aggregate 40 mm nominal size) crushed.	20.00	Cum	4943.40	98868
5	Providing and laying of 1:4:8 nominal mix cement concrete .	21.90	Cum	4419.85	96795
6	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing & Reinforcement all work up to plinth level (1:1.5:3) 1 cement, 1.5 course sand, 3 graded stone aggregate 20 mm nominal size)	23.66	Cum	7091.60	167787
7	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth & string courses, fillets, columns, pillars, piers, abutments, posts & struts etc. up to floor five level excluding the cost of centring, shuttering, finishing & reinforcement 1:1.5:3 (1cement, 1.5 Course sand, 3graded crushed stone) aggregate 20mm nominal size.	30.00	Cum	8552.85	256586
8	Reinforced cement concrete work in arches ribs domes vaults shells folded plate and roofs having slope more than 15° up to floor five level excluding cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 mix (01 cement, 1.5 course sand, 03 stone aggregate of 20mm nominal size).	10.02	Cum	9458.65	94776

	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15degree, landings, balconies shelves, chajjas, lintels, bands, plan window sills, stair cases and spiral stair cases up to floor five level excluding the cost of centring, shuttering, finishing and reinforcement in 1:1.5:3 mix (1 cement, 1.5 coarse sand, 3graded stone aggregate) 20 mm nominal size.	3.43	Cum	8953.95	30712
10	Desmentalling of cement concrete manually/mechanically including disposal of material with in 50 mtrs lead	30.00	Cum	1569.20	47076
11	Centring and shuttering including strutting propping and removal of form work.				
11.1	a) Foundations	15	Sqm	262.30	3935
11.2	b) Walls	261	Sqm	573.85	149775
11.3	c) Beams, Lintels etc	40	Sqm	502.85	20114
11.4	e) Suspended Floors, Roofs, Landings etc	5.76	Sqm	635.60	3661
11.5	g) Arches, Domes etc upto span 6mtr	80.74	Sqm	2086.80	168488
11.6	h) Edges of Slabs & breaks in floor walls	10.80	R.M	242.30	2617
12	l) Extra for Shuttering in Circular Works				
12.1	i) Foundations	2.34	Sqm	52.46	123
12.2	ii) Walls	40.03	Sqm	114.77	4594
12.3	iii) Beams	7.97	Sqm	100.57	802
13	12 mm thick cement plaster in 1:3 mix with floating coat of neat cement (1 cement, 3 fine sand).	269.57	Sqm	343.75	92665
14	Providing Reinforcement to RCC works including bending, binding, cutting, straitening and placing in position complete.	5670.00	Kg	87.18	494282
14.1	a) M.S Lid	1.00	No	7500.00	7500
14.2	b) M.S Ladder	1.00	No	10000	10000
15	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.	130.00	Kg	146.63	19062
16	Providing & Fixing M.S Flanges to G.I Pipes including cost of nuts, bolts, washers etc complete.				
16.1	a) 100 mm M.S Flanges	323.00	Pair	1500.00	484500
16.2	b) 80 mm M.S Flanges	726.00	Pair	1300	943800
17	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)	480.00	Qtl	245.55	117864
18	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
18.1	b) 150 mm D.I Pipe	364.00	Joint	144.70	52671
19	Laying & Fitting of G.I Pipes .				
19.1	a) 65 mm G.I Pipe	2500.00	Mtr	73.05	182625
19.2	b) 50 mm G.I Pipe	4500.00	Mtr	40.80	183600
19.3	c) 40 mm G.I Pipe	5000.00	Mtr	40.80	204000
19.4	d) 25 mm G.I Pipe	5000.00	Mtr	30.65	153250
19.5	e) 20 mm G.I Pipe	4500.00	Mtr	20.25	91125
19.6	f) 15 mm G.I Pipe	2500.00	Mtr	20.25	50625
20	Back-filling of available excavated soil into the trench excluding rock.	6560.07	Cum	198.70	1303486
21	Providing & Fixing Regulation valves as per site requirement of approved make like Kriloskar, Vag etc including P/F of Tail pieces etc complete				
21.1	A) 200mm dia sluice valve	2.00	No	18000.00	36000

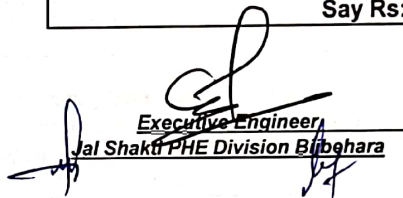
Handwritten signature and initials

	a) 150 mm Dia Sluice Valve	4.00	No	15000.00	60000
	b) 100 mm Dia Sluice Valve	14.00	No	9000.00	126000
	Carriage of material from source to dumping site at road by mechanical transport.				
22.1	a) Cement/ Steel (5 Km)	38.74	M.T	217.09	8410
22.2	b) Sand (25 Km)	43.98	Cum	436.22	19185
22.3	c) 20 mm Aggregate (30 Km)	59.83	Cum	349.82	20930
22.4	d) 40 mm Aggregate (30 Km)	20.11	Cum	380.26	7647
22.5	e) Stone Solling (5 Km average)	15.79	Cum	211.02	3332
22.6	h) 150 mm D.I Pipe (10 Km)	2000.00	%Mtr	889.68	17793
22.7	i) 100 mm G.I Pipe (10 Km)	2000.00	%Mtr	533.81	10676
22.8	k) 80 to 15 mm G.I Pipe(10 Km)	97.84	M.T	217.09	21240
23	Extra Carriage of Pipes from nearest dumping site to actual site of work by manual labour for				
23.1	a) 150 mm D.I Pipe (1 Km)	2000.00	%Mtr	1660.95	33219
23.2	b) 100 mm D.I Pipe (10 Km)	2000.00	%Mtr	1010.42	20208
23.3	c) 80 to 15 mm G.I Pipe(10 Km)	45.15	M.T	504.90	22796
Total					10801000
Deduct @ 2.25% for all items rates quoted by the bidder					242800
Alloted cost after the deduction					10558200
Say Rs:					105.58

Rates & Qty Checked


Head
Draftsman


Technical Officer


Executive Engineer
Jal Shakti PHE Division Bhubhara

Terms & Conditions

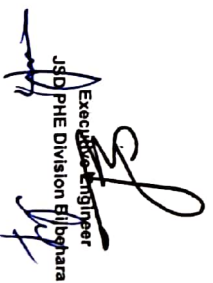
1	The cost of work should in no case exceed beyond Rs. 105.58 Lacs (Rupees One Crore fifty eight thousand) only
2	The work shall have to be completed within a period of 120 working days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Earnest money deposited by you vide BG NO:JKBB7311987246 DT: 13 . 09 .2022 RS:350000 /- 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/Assitant 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.

	<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 of 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>
11	<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: 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.</p>
13	<p>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>
14	<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>
15	<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>

	<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 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.</p> <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.</p> <p>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.</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 (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.</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 Anantnag for favour of information
- 4 Assistant Executive Engineer PHE Sub -Division Bijbehara 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

OFFICE OF THE EXECUTIVE ENGINEER PHE DIVISION BUBERHARA

MR. Abdul Wahed Malik
500 Mohammad Keesal Malik
RAO Easul Dhanter Assttanga

No/PHE: 987-71-9023
 Date: 26/11/2022
 GST. No.: 01ADCPW2447E1ZG

Regd. CE/CE/ID/AAV/04/2004-05

Tender ID: **2022_PHE_197627_2**

Allocated Cost Rs: 72,884 Lacs

Adv. Cost Rs: 73.22 Lacs

Subject:-

I/I, Revamping of SSSP, Construction of Chowkiddar Quarter for WSS Kanelwan under JIM Part 2nd

1. In response to this office Fresh e-NIT No. 60 OF 2022-23 No: PHEB: 12372-91 Dated: 26/11/2022

02. Read with Modification NO/PHEB/13707-27 D A T E D: 17.12.2022

03.DJM /District Development Commissioner Ananthang's Authorization No:DDCA/JM/2022-23/3858-60 Dated: 30.07.2022 &

No/DDCA/DJM/9413 Dc 04.11.22

04. Superintendent Engineer Hyd.Circle Ananthang's Authorization Letter No:SE/Hyd/4590 Dated: 03.08.2022

05. Chief Engineer Km: PHE Department Srinagar's letter No: CE/PHE/MC/DB/13745-83 Dated: 26.07.2022

06. This office letter of intent NO/PHEB/14827-31 Dated: 03.01.2023

SlNo	Description of Work (Item)	Qty	Unit	Estimated Price	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:				
2	a) All Kinds of Soil	3017.00	Cum	438.00	1315412
3	b) Ordinary Rock	1260.00	Cum	841.6	1060416
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :				
5	a) All Kinds of Soil	12.79	Cum	81.65	1044
6	Providing and laying of dry stone scoling tightly hand packed on horizontal levels	15.41	Cum	616.40	9499
7	Providing and laying of 1:4:4 nominal mix cement concrete .	9.82	Cum	4861.83	47743
8	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth & string courses, fillets, columns, pillars, piers, abutments, posts & struts etc. up to floor five level excluding the cost of centring, shuttering, finishing & reinforcement 1:1.5:3 (Cement, 1.5 Course sand, 3graded crushed stone) aggregate 20mm nominal size.	12.96	Cum	9408.14	121929
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curbing but excluding the cost of centring, shuttering, finishing and reinforcement with 1:1½:3 (1 cement : 1½ course sand : 3 graded stone aggregate 20 mm nominal size)	10.55	Cum	9849.34	103911
10	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	79.16	Sqm	149.05	11799
11	Removal of filter media In/d. Staking, washing and replacing the same after completion of work complete.	168.50	Cum	400	67400
12	Placing, grading, washing of filter media	67.40	Cum	950	64030
13	Centring and shuttering including strutting propping and removal of form work.				
14	a) Walls	132.47	Sqm	573.85	76018
15	b) Edges of slabs and breaks in floors and walls under 20 cm wide	46.08	mt	242.3	11165
16	c) Lintel, beams, plinth beams, girders, breasters and cantilevers.	16.90	Sqm	502.85	8498
17	d) Suspended floors, roofs, landings, balconies and access platforms.	39.70	Sqm	635.6	25233
18	12mm thick cement plaster in 1/4 mix (1 cement, 4 fine sand).	88.70	Sqm	260.05	23066
19	12mm Cement plaster finished with a floating coat of neat cement of mix: 1:3 (1 cement: 3 fine sand)	19.61	Sqm	343.75	6741
20	Providing Reinforcement to RCC works including bending, binding, cutting, strutting and placing in position complete. TMT	1742.00	Kg	87.18	151868
21	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.Welded	2045.00	Kg	102.13	208856
22	P/F of filter media manually including all types of leads, lifts and carriages.	101.09	cum	10000.00	1010900
23	Random Rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curbing complete with: Cement mortar 1:6 (1 Cement : 6 coarse sand)	38.92	Cum	4435.25	172620
24	Dry random rubble masonry with hard stone in foundation and plinth: With bond stone	15.90	Cum	2497.50	39710
25	Pointing on stone work with cement mortar 1 : 3 (1 cement : 3 fine sand) Flush/ruled Pointing	18.53	Sqm	270.80	5018
26	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curbing in : Cement mortar 1:6 (1 cement : 6 coarse sand)	19.19	Cum	6183.75	118666

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27	Extra for brick work with common burnt clay brick/cement concrete bricks in superstructure above plinth level upto floor five level	15.04	Cum	1323.05	19908
28	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or fasteners with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately). First class kail wood	0.71	Cum	106894.15	78693
29	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws First class kail wood	12.46	Sqm	3726.05	46417
30	Providing and fixing panelled or paneled and glazed shutters 35 mm thick for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately). First class kail wood	7.03	Sqm	3093.80	21749
31	Providing and fixing paneling or panelled and glazed shutters 35 mm thick for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws (Area of opening for panel insets excluding portion inside grooves or rebates to be measured). Paneling for panelled or paneled and glazed shutters 25 mm to 40 mm thick. First class kail wood	3.19	Sqm	2501.75	7981
32	Providing and fixing wire gauze shutters using galvanized M.S. wire gauze of average width for aperture 1.4 mm in both directions with wire of dia. 0.63 mm for doors, windows and clerestory windows with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per direction of Engineer-in-charge :: First class kail wood	8.55	Sqm	3651.65	31222
33	Cement concrete flooring 1:2:4 (Cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete. 50 mm thick with 20mm nominal size stone aggregate.	34.00	Sqm	505.00	17170
34	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-charge, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and joining with grey cement slurry @ 3:3 Kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	11.88	Sqm	1161.05	33793
35	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. In all colours, shades, except White, Ivory, Fume Red Brown	3.06	Sqms	1115.80	3414
36	Providing & fixing White vitreous china water closet squatting pan(Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c maba, all complete as per the direction of Engineer-in-charge. Orissa pattern W/C Pan of size 580x440 mm.	1.00	NO	3690.25	3690
37	Stainless steel kitchen sink - without drain board 610x510 mm bowl depth 200 mm	1.00	NO	4177.50	4178
38	P/F of PVC waste pipe of sink including PVC waste fitting complete (Flexible 40mm dia)	1.00	NO	85.30	85
39	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 purllins, rafters and trusses and including cutting to size and shape wherever required. 0.50 mm thick with zinc coating not less than 275 gram/m ²	65.19	Sqm	830.50	54140
40	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J, or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete. 0.50 mm thick with zinc coating not less than 275 gram/m ²	22.88	Mtr	626.70	14339
41	Providing and fixing painted eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	29.50	Mtr	693.90	20470
42	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. 1 mm thick	79.16	Sqm	129.50	10251
43	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 Kg/10sqm)	66.82	Sqm	91.80	6134
44	Finishing with Deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers' specifications: Painting wood work with deluxe multi surface paint of required shade. Two or more coats applied @ 0.90liter/10sqm over an under coat of primer applied @ 0.75liter/10sqm of approved brand and manufacture	38.46	Sqm	125.50	4827
45	P/F of 12 mm thick plyboard soffit along with supporting of first class poplar wood batties	17.74	sqm	800.00	14192

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46	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.								
47	a)200 mm dia sluice valve	4.00	No	31698.00	126792				
48	Laying in position centrifugally cast (spun) Iron S&S or Flanged pipes (excluding cost of pipes)	2586.40	Q11	245.55	633091				
49	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.								
50	a)200 mm D.I pipe	1455.00	Joint	213.00	309913				
51	Back-filling of available excavated soil into the trench excluding rock.	3780.00	Cum	198.7	731086				
52	Providing & fixing White vitreous china water closet squatting pan(Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c mulla, all complete as per the direction of Engineer-in-charge.								
53	a) Long pattern W.C Pan of size 580x440 mm	100	No	2979.40	2979				
54	Providing and fixing wash basin with C. I./M.S. brackets, 15mm C. P. brass pillar taps, 32 mm C. P. brass waste of standard pattern, including painting of fittings and brackets counter top basin/whenever required	100	No	4500.00	4500				
55	Providing and placing on terrace (at all floor levels) polyethylene water storage tank (SI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Ltrs	11.25	5625				
56	Carriage of material from source to dumping site at road by mechanical transport.								
57	a) Cement/Steel (05 Km)	21.68	M.T	249.65	5412				
58	b) Sand (15Km)	38.82	Cum	501.65	19474				
59	c) 20 mm Aggregate (20 Km)	22.77	Cum	402.28	9160				
60	d) 40 mm Aggregate (30 Km)	8.84	Cum	437.30	3866				
61	e) Bricks (15 Km average)	9116.00	NO	0.91	8296				
62	f) Stone soiling(5km)	15.41	cum	242.67	3740				
63	g)200 mm D.I (10 Km)	8000.00	mtr	16.00	128000				
64	h) Quarry stone (20 Km)	54.82	cum	242.67	13303				
65	Extra Carriage of Pipes from nearest dumping site to actual site of work by manual labour for								
66	q) 200 mm D.I (1000 m)	8000.00	mtr	33.00	264000				
				Tentative Advertized Cost	7322000				
				Deduct @0.33% of all Items	23600				
				Total Amount	7298400				
				Say Rs.	72,984 Lacs				

Rate by Qty Checked

Head Engineer

Technical Officer

Head Engineer
PHE Division Bilbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 72,984 Lacs Seventy two lac ninety eight thousand four
2	The work shall have to be completed within a period of 60 working days from the date of issuance of the allotment order falling which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Earnest money deposited by you vide BG NO: 167/UCB/KM/Ang/2022-23 DT: 27.02.2023 RS: 219660/- - 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/PHE 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/defect 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 defect 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 governs 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	Defect Liability Period (DLP): The defect 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 rectifying 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 in force 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.

11	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 AICT or CDD which shall include all natural calamities such as fire, flood, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of emergency.
12	Specifications of job: Tenderer/s must execute the works as per the requirements/specification detailed in the relevant/applicable B's only/s.
13	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 opinion of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works communication/instructions.
14	Safety of Good 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.
15	Attacker'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.
16	Work under Bidder's Charge: From the commencement of the work to the completion thereof the same shall be under the bidder's charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes /high and shall hold the Government harmless for any claim for injuries to persons or damage to property happening from any neglect, default, omission 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, in respect of Workmen, casual labour, casual workmen, etc.
17	Second Date of Work: 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.
18	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 submit the declaration of all labour laws and the rules framed there under.
19	Age of 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.
20	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.
21	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.
22	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.
23	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, setting 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 B's 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.
24	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 work shall be reckoned from the date of issue of the letter of award in favour of successful firm.
25	Tender return Bids: The understood quantities in the tender documents are tentative and subjected to increase or decrease, depending upon actual requirements 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.
26	Third Party Monitoring: The allotted works shall be subject to check by the third party monitoring agency (TRIQM) appointed by the Department. The agency shall check the quality of works executed by the bidder, quality of materials used for construction and quality of machinery installed in each scheme. The TRIQM'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 contractor during the Contract Period. 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, Kim PHE Department, Sringeri for favour of information please.
 - 2 District Dev. Commissioner, Ananthnag for favour of information please.
 - 3 Superintending Engineer, Hyd. Circle, Ananthnag for favour of information.
 - 4 Assistant Executive Engineer, PHE Sub-Division, Bil Bheera 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.


 JSD PHE Division Bilbhara