

Part 4th
P-12
By John
22-23

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA					
S Mir & Co Batpora Srinagar	No/PHB:	14572-76			
Prop: Farooq Ahmad Mir	Dated:	21-12-2022			
R/O Gussu Batpora Hazratbal Srinagar	GST. No.:	01BNKPM9377E2ZS			
Regd. No.: 224/A/CE/KCC/PDC OF 1997-98					
Tentative Adv. Cost Rs: 114.00 Lacs	Alloted cost	Rs: 110.09 Lacs			
Subject:-	Construction and successful testing & commissioning of 0.10 MGD Rapid Sand Filtration Plant at Krandigam (Cost Shall include PST, Clari-Flocculator, Flash Mixer, Filter House & Wash Water Disposal Chamber) WSS Krandigam				
Reference	1. Chief Engineer Kmr PHE Department Srinagar's e-NIT No: 132 of 2021-22 Dated : 08.03.2022 issued under endoresment No:CE/PHE/DB/44105-56 Dated:08.03.2022 02. UT Level Committee meeting held on 01.06.2022 under the Chairmanship of Development Commissioner Works PW (R&B). 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 04. DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3582-86 Dated: 25.07.2022 05. Superintending Engineer Hyd.Circle Anantnag's Authroization Letter No:SE/Hyd/4413-16 Dated: 30.07.2022 06. This office Letter of intent No/PHB/5944-46 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	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)	378	Cum	188.75	71348
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 :	163	Cum	539.35	87914
4	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.	216	Cum	198.70	42919
5	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	222	Cum	59.95	13309
6	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	72.52	Cum	1320.00	95726
7	Supply and filling of filter media from approved source - Gravel (Graded gravel - size ranging from 2.0mm to 40.0 mm) in filter beds. Including all carriages, complete job	2.7	Cum	7700.00	20790
8	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	4.5	Cum	7968.00	35856
9	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	27.76	Cum	787.40	21858
10	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
11	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	32.65	Cum	6434.01	210070
12	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	133.77	Cum	5399.02	722227
13	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	29.29	Cum	4861.84	142403
14	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level				
15	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	40.23	Cum	7800.76	313825



16	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.				
17	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	20.62	Cum	9408.14	193996
18	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:				
19	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	44.00	Cum	9849.35	433371
20	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.				
21	All works above plinth level upto floor V level	64.22	Cum	9302.98	597437
22	Providing and laying upto floor V level reinforced cement concrete in kerbs, steps and the like including curing but excluding the cost of centering, shuttering, finishing and reinforcement with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	0.52	Cum	9036.39	4699
23	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	296	kg	172.90	51178
24	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
25	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)				
26	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	50	mtr	192.05	9603
27	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	50	mtr	230.00	11500
28	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.	64.62	Cum	111.87	7229
29	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	102.75	Quintal	1074.37	110392
30	Foundations, footings, bases of columns etc. for mass concrete.	148.79	sqm	262.30	39028
31	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1051.79	sqm	573.85	603570
32	Suspended floors, roofs, landings, balconies and access platforms.	35.18	sqm	635.60	22360
33	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	420.82	sqm	502.85	211609

34	Columns, pillars, piers, abutments, posts and struts.	193.9	sqm	680.15	131881
35	Stairs (excluding landings) except spiral staircases.	55.21	sqm	807.50	44582
36	Edges of slabs and breaks in floors and walls	97.03	Rm	242.30	23510
37	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
38	Foundations	9.7	sqm	62.46	509
39	Walls	238.86	sqm	114.00	27230
40	Edges of slabs and breaks in floors and walls	6.44	Rm	48.46	312
41	Beams	9.7	sqm	100.57	976
42	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)	385	kgs	57.90	22292
43	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.				
44	Thermo-Mechanically Treated bars of grade Fe-500D or more.	12600	Kg	87.18	1098468
45	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):				
46	First class kail wood	1.36	Cum	106894.15	145376
47	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.				
48	Using M.S. angles 40x40x6mm for diagonal braces.	2	sqm	4352.95	8706
49	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				
50	Cement mortar 1:4 (1 cement : 4 coarse sand)	47.21	Cum	7476.38	352960
51	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	47.21	Cum	1522.20	71863
52	Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. chequered plate wherever required, all complete.				
53	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	1500	Kg	146.63	219945
54	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.				
55	Welded	5323.12	Kg	102.14	543703
56	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				
57	80x1.25 mm M.S. laths with 1.25 mm thick top cover	5.45	sqm	3238.20	17648
58	Providing and fixing ball bearing for rolling shutters.	2	each	483.10	966

59	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				
60	In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	78.45	sqm	1210.66	94976
61	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:				
62	Makrana White Second quality (16mm)	62.13	sqm	6176.39	383677
63	Extra for pre finished nosing to treads of steps of marble stone	11.7	sqm	579.31	6778
64	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
65	12mm Cement plaster finished with a floating coat of neat cement of mix:				
66	1 : 4 (1 cement : 4 fine sand)	2032.19	sqm	325.45	661376
67	Applying priming coat With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	68.04	sqm	59.50	4048
68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
69	Two or more coats on new work	78.12	sqm	121.95	9527
70	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.				
71	Second kail wood (30 mm thick shutter)	68.04	sqm	2489.75	169403
72	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.				
73	1 mm thick	354.91	sqm	129.50	45961
74	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.	2605	KG	147.00	382935
75	Providing and fixing aluminum handles ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc.complete				
76	125 mm	12	each	66.35	796
77	100 mm	36	each	52.30	1883
78	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 :				
79	150x10 mm	12	each	80.35	964
80	100x10 mm	72	each	57.35	4129



81	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.				
82	0.50 mm thick with zinc coating not less than 275 gram/m2	101.98	sqm	830.25	84669
83	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 0.50 mm thick with zinc coating not less than 275 gram/m2	25.6	m	626.70	16044
84	Providing and fixing plained eaves boarding. 250x32 mm (nominal size)	67.2	m	693.90	46630
85	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	25.89	Sqm	800.00	20712
86	Providing & fixing of PVC under drainage laterals with specifications conforming to IS-4985 & 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				
87	62.5 mm dia	50	m	1110.00	55500
88	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
89	1.0 HP	1	No	7300.00	7300
90	Supply of 24 watt LED slim Aluiminum pannel surface type complete in all respects	20	No	600.00	12000
91	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)	30	Point	824.55	24737
92	Providing and carrying out wiring for heating points with 4.0 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, modular combined S&S 16Amp along with modular plate, suitable GI box and earthing the point with 2 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (excl cost of conduit)	10	Point	1300.00	13000
93	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
94	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
95	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
96	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
97	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	30	No.	74.75	2243
98	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	1	No.	2125.00	2125

99	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete.Confirming to relevant Indian Standards	3	No.	1650.00	4650
100	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
101	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	3	No.	417.45	1252
102	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
103	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
104	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.				
105	200 Amp. 4 pole Change over of reputed make	2	No	11200.00	22400
106	100 Amp 4 pole change over of reputed make.	2	No	7598.00	15196
107	64 Amp. 4 pole Change over of reputed make	2	No	5000.00	10000
108	32 Amp. 4 pole Change over of reputed make	2	No	2500.00	5000
109	200 Amp 3-phase copper bus bar	2	No	7500.00	15000
110	100 Amp-Copper bus bar	2	No	4550.00	9100
111	64 Amp-Copper bus bar	2	No	3750.00	7500
112	32 Amp-Copper bus bar	2	No	2850.00	5700
113	100 Amp MCCB	5	No	3300.00	16500
114	63 Amp MCCB	5	No	2700.00	13500
115	40 Amp MCCB	10	No	2100.00	21000
116	16 Amp MCCB	20	No	1250.00	25000
117	6 Amp MCCB	20	No	630.00	12600
118	3-phase indicator points	15	No	445.00	6675
119	3-phase voltmeter and Amperemeters	15	No	1190.00	17850
120	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				
121	Pumping unit with 5.0 HP Motor.	1	No	24268.00	24268
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	2500.00	2500
126	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	630.00	530
136	150mm dia drain out let	1	Lot	1360.00	1350
137	50 mm dia Service water piping.	1	Lot	630.00	530
138	Constant dosing unit with time device	1	Set	1600.00	1500
139	Manually operated hoist	1	Set	10000.00	10000
140	Providing, fitting, testing and commissioning of following items for Chlorine Dosing Unit-	1	Set	2600.00	2500
141	Mixing device with reduction gear system.	1	No	4800.00	4800
142	1.0 HP	1	Set	4548.00	4548
143	Foundation / Base plate.	1	Lot	630.00	530
144	P.V.C outlet, overflow system with fittings upto point of application.	1	No	1680.00	1680
145	Starter along with necessary wiring upto motor	1	Lot	1350.00	1350
146	150 mm dia Drain out let	1	Lot	630.00	530
147	50mm dia service water piping	1	Set	1500.00	1500
148	Constant dosing unit with time device.				
149	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	2	Each	17210	34420
150	150 mm dia.	8	Each	26720.00	213760
151	200 mm dia.	2	Each	42300.00	84600
152	Providing fitting, testing and comissioning 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				
153	4.2 KLPM Air blower with 5.0 HP Motor.	2	No	87500.00	175000
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	103.5	25875
155	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.				
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	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 heavy duty valves and other accessories required for the job.				
159	Pumping unit with 5.0 HP Motor.	2	Set	20268.00	40536
160	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				
161	On steel work	60	sqm	188.80	11328
162	On concrete work	354.91	sqm	183.43	65101
163	Central axle turn table with double bearing and guide for incoming cable.	1	Set	4800.00	4800
164	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				

165	Starter along with necessary wiring upto motor	1	No	1680.00	1680
166	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete Job.				
167	Incoming cable, telescopic electric pole with rotary current collector	1	Set	6600.00	6500
168	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.				
169	With Galvanized M.S. Wire gauge with wire of dia 0.63 mm	25.2	Sqm	925.00	23310
170	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.				
171	4 mm thick glass pane (weighing not less than 10 kg/sqm)	15.12	sqm	1768.05	26733
172	Carriage of material from source to dumping site at road by Mechanical transport.				
173	Cement Steel 15 Km	123.04	Mt	184.76	22733
174	Sand Avg. lead 22 Km	187.61	Cum	255.54	47942
175	20mm Aggregate lead of 35 Km	139.24	Cum	331.33	46134
176	40mm Aggregate lead of 35 Km	156.63	Cum	360.23	56423
177	Brick for average lead of 35 KM	22427	No	0.88	19736
				Total	10208230
				Add 8% of all items of work	800992
				Total Amount	11009222

Head Draftsman

Technical Officer

Executive Engineer
PHE, Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 110.09 Lacs (Rupees One Crore ten Lac nine 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/BG 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 fullsatisfaction of the department. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months.
6	Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.
7	Terms of Payment:Payment shall be released as per actual/measured work done not less than 20% of the allotted cost on a monthly basis.
8	Bidder Dying, Becoming Insolvent Or Imprisoned:In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works
9	Suspension of Supply by the Bidder: In case of the firm agency failing to execute the job, the department has the right to get the work executed through some other firm/agency or of its own at the risk and cost of the defaulters.

10	Safety of Govt. Infrastructures: The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the bidder.
11	Bidder's risk and insurance: All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder.
12	Work Under Bidders Charge: From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country
13	Bidder to Maintain Site Office: The bidder shall provide and maintain, at his own cost a suitable site office at the site of Work to which the Department may send communications/ instructions.
14	Claims to be put in writing: The Department shall not be liable to the Bidder for any matter or thing arising out of or in connection with the contract or the execution, completion and maintenance of the work unless the bidder puts a claim in writing in respect thereof before getting the certificate of final completion.
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 RSFP has been reflected at the start of BOQ. The bidder is supposed to quote the percentage appreciation/depreciation with care as that will apply for all the items of BOQ. Bidders are advised to check the exact location and particulars of the RSFP they are bidding for, from the concerned Divisions before hand to ascertain the working conditions. The foundation type and other parameters is subjected to actual bearing capacity at site which the bidder may consider in bidding as per the terms and conditions laid down in the SBD.
17	False information: Any tenderer found to have been participating by furnishing false information to the department, the tender shall be liable for cancellation and such bidder(s) shall be invoked as and when it comes to the notice of the department even during the execution of the contract.
18	All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinagar for favour of information please.
- 2 District Dev.Commissioner Anantnag for favour of information please
- 3 Superintending Engineer Hyd. Circle Bijbehara for favour of information
- 4 Assistant Executive Engineer PHE Sub -Division 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
PWD PME Division Bijbehara

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBHARA

M/S AAKIB JAVAID LONE

S/O Mohd Javid Lone

R/O KIRAN SRIGUFWARA

Regd: SE/D/SMC/BEE/Civil/07 of 2022-23

No/PHB:

1976-61

Dated:

11-05-2023

GST : 01ANMPL1107A1ZK

Tender ID: 2022_PHE_197627_B

Adv. Cost Rs: 38.59 Lacs

Allocated Cost Rs: 31.99 Lacs

Subject:- L/F, Chainlink fencing for WSSS Krandigam under JJM Part 2nd

- Reference
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/PHB/13707-27 DATED: 17.12.2022
 - 2-3.DJJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022-23/3850-60 Dated: 30.07.2022, No/DDCA/DJJM/9413 Dt: 04.11.22 and No/DDCA/JJM/12613 Date:03.02.2023
 04. Superintending Engineer Hyd.Circle Anantnag's Authorization Letter No:SE/Hyd/4590 Dated: 03.08.2022
 - 05.Chief Engineer Kmr.PHE Department Srinagar's letter No: CE/PHE/MC/DB/13745-83 Dated:26.07.2022

Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed.				
2	a) All Kinds of Soil	2141.00	Cum	436.00	933476
3	b) Ordinary Rock	900.00	Cum	841.60	757440
4	Providing and laying of dry stone soling tightly hand packed on horizontal levels	10.13	Cum	616.40	6244
5	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	22.02	Cum	5437.74	119739
6	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	10.13	Cum	4861.83	49250
7	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	7.40	Cum	6465.19	47842
8	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 coarse sand, 3 graded stone aggregate 20 mm nominal size)	2.43	Cum	7800.76	18956
9	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	1616.50	Qty	245.55	396932
10	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.				
11	a) 200 mm dia sluice valve	4.00	No	31698.00	126792
12	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
13	a) 200 mm D.I Pipe	909.00	Joint	213.00	193617
14	Centring and shuttering including strutting propping and removal of form work.				
15	a) Foundations	58.73	Sqm	262.3	15405
16	b) Walls	78.30	Sqm	573.85	44932
17	c) Columns, pillars, piers, abutments, posts and struts.	16.99	Sqm	680.15	11556
18	12mm thick cement plaster in 1:4 mix (1 cement, 4 fine sand).	63.00	Sqm	260.05	16383
19	Providing Reinforcement to RCC works including bending, binding, cutting, straitening and placing in position complete. TMT	231.00	Kg	87.18	20139
20	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1921.00	Kg	91.02	174849
21	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-incharge. Made of G.I. wire of dia 4 mm	156.60	Sqm	733.50	114866
22	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	225.00	Kg	102.13	22979
23	Back-filling of available excavated soil into the trench excluding rock.	2700.00	Cum	198.7	536490
24	Carriage of material from source to dumping site at road by mechanical transport.				
25	a) Cement/ Steel (20 Km)	12.36	M.T	357.64	4420
26	c) Sand (25 Km)	19.82	Cum	437.30	8667
27	d) 20 mm Aggregate (20 Km)	28.61	Cum	402.29	11510
28	e) 40 mm Aggregate (20 Km)	9.11	Cum	437.30	3984
29	e) 200 mm DI pipe (10 Km)	5000.00	Mtr	16.00	80000

Terms & Conditions	Rates & Qty Checked	Technician Officer	Executive Engineer	Division Bhubaner
1 The cost of work should in no case exceed beyond Rs. 31.99 Lacs Thirty one lac ninety nine thousand only				
2 The work shall have to be completed within a period of 60 working days from the date of issuance of his allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.				
3 Earnest money deposited by you vide FDR No: 544172 Dt: 05.04.2023 Rs: 93000/- 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 Supervising 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 15 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 compilation of Trial run. The bidder shall be responsible to make good & remedy 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 extended 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/giving 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 IT: 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 costs, if any involved in allotting contract to other party and/or d) Impose Liquidated damages on account of delay beyond the scheduled completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% and/or e) Forfeit the performance security and blacklist the firm.				
10 Force Majeure: Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure or commission arises from the ACT OF GOD which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war or a state of insurgency.				
11 Specifications of Job:				
12 Bidder Dying, Becoming Insolvent Or Imprisoned: In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the opinion of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works/communications/instructions.				
13 Safety of Govt. Infrastructures: The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the bidder.				
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 or 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.				

Cleaning
On completion
otherwise, as
Department
Power and Water
The bidder firm
commissioning or
charges shall be paid
Electric Division
The Division

30	b Stone Soiling (7 Km)	10.13	Cum	277.77	2814
31	Extra Carriage of Pipes from nearest dumping site to actual site of work by manual labour for	5000.00	Mtr	28.00	140000
32	200 mm DI pipe (1000 m)	Advertized Cost		3859000	
	Deduct @17.10% of all items			659700	
	Total Amount			3199300	
	Say Rs:			31.99 Lacs	

22



Scanned with OKEN Scanner

	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 workmanlike 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 not be required to execute any agreement in time shall not however prevent this contract from being enforced against the firm and the date of issue of letter of award to execute such an agreement in time shall not however prevent this contract from being enforced against the firm and the date of issue of letter of award in favour of successful firm.
24	Tender Vouchers: The advertised quantities in the tender documents are indicative and subject to increase or decrease, depending upon actual requirement of site as per the decision and other considerations. The successful bidder shall have no claim/revision on the account and the decision of the department shall be final and binding.
25	Third Party Monitoring: The allotted works shall be subject to check by the third party monitoring agency (TPQM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the contract during the Contract Period.
26	All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tender.

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 Assistant Engineering Officer, Hyd. Circle, Srinagar for favour of information

4 Assistant Executive Engineer PHE Sub-Division Bji 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

E. M. Ahmad
E.O. PWD
Division Srinagar

P-63
15-8

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBHARA

By Balon
22-23
J DM

M/S Manzoor Ahmad Sofi

S/O Gh Nabi Sofi

RO Bijbehara

Regd No: CIE/PHE&IFC/2019-20/NAY-04

No/PHB: 979092

Dated: 27-6-22

GST. No:- 01BCHPS2253P1ZD

Tender ID: 2022_PHE_167005_18

Adv. Cost Rs: 72.98 Lacs

Alloted cost Rs: 72.98 Lacs

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

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. DJM /District Development Commissioner Anantnag's Authorization No:DDCA/JJM/2022/23/3558-60 Dated: 30.07.2022.
 06. Superintendenting Engineer Hyd.Circle Anantnag's Authorization Letter No:SE/Hyd/4590 Dated: 03.08.2022
- 7.This office letter of intent No/PHB/7364-7/ Dated:24.08.2022

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 inculding disposal of excavated soil upto1mt from cutting edge.				
2	a) All Kinds of Soil	2763.06	Cum	436.00	1204694
3	b) Ordinary Soft Rock	2602.20	Cum	841.6	2190012
4	Extra for every additional lift of 1.5m or part thereof.	10.89	Cum	81.65	889
5	Providing and laying of dry stone soling tightly hand packed on horizontal levels.	9.63	Cum	616.40	5936
6	Providing and laying of 1:4:8 nominal mix cement concrete.	7.09	Cum	4419.85	31337
7	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)	13.63	Cum	7091.60	96659
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, 3 graded crushed stone) aggregate 20mm nominal size.	18.59	Cum	8552.85	158997
9	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).	10.50	Cum	9458.65	99316



10	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.	3.27	Cum	8953.95	29279
11	Centring and shuttering including strutting propping and removal of form work.				
12	a) Foundations	9.30	Sqm	262.30	2439
13	b) Walls	189.20	Sqm	573.85	108572
14	c) Beams, Lintels etc	13	Sqm	502.85	6537
15	e) Suspended Floors, Roofs, Landings etc	6	Sqm	635.60	3814
16	g) Arches, Domes etc upto span 6mtr	59	Sqm	2086.80	123121
17	h) Edges of Slabs & breaks in floor walls	10.80	R.M	242.30	2617
18	i) Extra for Shuttering in Circular Works				
19	ij) Foundations	6.00	Sqm	52.46	315
20	ii) Walls	128.00	Sqm	114.77	14691
21	v) Extra for Domes Exceeding 6mtr Span	59.00	Sqm	1008.45	59499
22	12mm thick cement plaster in 1:4 mix (1 cement, 4 fine sand).	53.00	Sqm	260.05	13783
23	Providing Reinforcement to RCC works including bending, binding, cutting, straitening and placing in position complete.	3506.00	Kg	87.18	305636
24	Extra for providing and mixing water proofing material in cement conc work in doses by weight of cement as per manufacturing specifications	220.00	Kg	57.90	12738
25	Providing and fixing of MS lid and Ladder.				
26	a) M.S Lid	1.00	No	7500.00	7500
27	b) M.S Ladder	1.00	No	10000	10000
28	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.	40.00	Kg	133.30	5332
29	Providing & Fixing M.S Flanges to G.I Pipes including cost of nuts, bolts, washers etc complete.				
30	a) 100 mm M.S Flanges	242.00	Pair	1500.00	363000
31	b) 80 mm M.S Flanges	161.00	Pair	1300	209300
32	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipes)	1200.00	Qty	245.55	294660
33	Providing push-on-joints to centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints.				
34	b) 150 mm D.I Pipe	909.00	Joint	144.70	131532
35	Laying & Fitting of G.I Pipes .				
36	a) 65 mm G.I Pipe	1500.00	Mtr	73.05	109575
37	b) 50 mm G.I Pipe	1500.00	Mtr	40.80	61200
38	c) 40 mm G.I Pipe	2000.00	Mtr	40.80	81600
39	d) 25 mm G.I Pipe	2000.00	Mtr	30.65	61300
40	e) 20 mm G.I Pipe	2100.00	Mtr	20.25	42525
41	f) 15 mm G.I Pipe	500.00	Mtr	20.25	10125
42	Back-filling of available excavated soil into the trench excluding rock.	5293.48	Cum	198.7	1051814
43	Providing & Fixing Regulation valves as per site requirement of approved make like Krioskar, Vag etc including P/F of Tail pieces etc complete				
44	a) 150 mm Dia Sluice Valve	4.00	No	15000.00	60000



46	Carriage of material from source to dumping site at road by mechanical transport	14.00	No	9000.00	126000
47	a) Cement/ Steel (20 Km)	23.43	M.T	310.99	7286
48	b) Sand (25 Km)	23.07	Cum	310.26	9077
49	c) 20 mm Aggregate (20 Km)	45.64	Cum	349.82	15968
50	d) 40 mm Aggregate (20 Km)	1.38	Cum	380.26	525
51	e) Stone Soil (7 Km average)	10.05	Cum	241.54	2427
52	h) 150 mm D.I Pipe (10 Km)	5000.00	%Mtr	889.68	44484
53	i) 100 mm G.I Pipe (10 Km)	1500.00	%Mtr	533.81	8007
54	k) 80 to 15 mm G.I Pipe(10 Km)	35.47	M.T	217.09	7700
55	Extra Carriage of Pipes from nearest dumping site to actual site of work by manual labour for				
56	a) 150 mm D.I Pipe (1 Km)	5000.00	%Mtr	1660.95	83047
57	b) 100 mm D.I Pipe (1 Km)	1500.00	%Mtr	1010.42	15156
58	c) 80 to 15 mm G.I Pipe(1 Km)	15.51	M.T	504.90	7831
			Total		7298000
			AT PAR		72.98
			Say Rs:		72.98

Rates & Qty Checked

Head
Draftsman

Technical Officer

Executive Engineer
Val Shakti PHE Division Bhuban

W.M.

W.M.

W.M.

W.M.

- 1 The cost of work should in no case exceed beyond Rs. 72.98 Lacs (Rupees Seventy two Lac ninety eight thousand) only
- 2 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.
- 3 Earnest money deposited by you vide 02/2/2022 DT: 07-06-2022 RS: 145960 &/- successful completion of the work and expiry of defect clause. 3107/39 DQ. 27-1-2023 Rs.700/-
- 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.



	Liquidated damages (LD) In the event of allottee failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UT: a) Terminate the contract after 15 days notice and/or b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department and/or c) Recover the extra cost, if any, involved in allotting contract to other party and/or d) Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract and/or e) Forfeit the performance security and blacklist the firm.
Force Majeure:	Force Majeure: Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure or commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency.
Specifications of job:	Specifications of job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.
Bidder Dying, Becoming Insolvent Or Imprisoned:	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.
Safety of Govt. Infrastructures:	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.
Allottee's risk and insurance:	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.
Work under Bidders Charge:	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.
Setting Out of Works:	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.
Labour:	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.
Storage at Site:	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.
Watch & Ward of Works:	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.
Final Acceptance:	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.

24	Cleaning Up: On completion of the works the bidder shall clear away, load into trucks or any other transport and remove from the site all constructional plant, surplus materials, dismantled or otherwise, earth and rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workmanship condition, to the satisfaction of the Department.
22	Power and Water Supply: <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>
23	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>
24	Tender quantities: <i>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.</i>
25	Third Party Monitoring: <i>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.</i>
26	<i>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.</i>

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Stringer 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.
- 5 Technical Officer Divisional Office for information
- 6 File Concerned



Executive Engineer
PHE Division Bijbehara

