

**Office of the Executive Engineer, PHE (Jal Shakti) Division Chadoora****ALLOTMENT LETTER**No: PHEDC/ 9048-52
Dated: 14-02-2023

M/S: O2Z Trading and Industries Pvt. Ltd.

Prop: Ovais Ishaq Zaro

S/o. Mohummud Ishaq Zaro

R/o. Lake Castle Nigeen

Regd.: U74900 JK2011PTC003432

GST Tin: 01AABCO5894Q2ZV

PAN: AABCO5894Q

Adv. Cost: Rs.136.43 lacs (One Crore Thirty Six Lacs Forty Three Thousand only)

Allotted Cost: Rs.14640211.00 (Rupees One Crore Forty Six Lacs Forty Thousand Two Hundred Eleven only)

Earnest Money: Rs.50000.00

Time of completion: 180days

Head of account: Under "JIM"

Subject: Allotment for: Construction and successful testing and commissioning of 0.12MGD Rapid Sand Filtration Plant at Kanir (Including cost of PST, Clarifloculator, Flash Mixer, Filter House) for WSS Hushroo Panzan.

- Reference:**
1. E- NIT No: CE/PHE/Kmr/JSD/132 of 2021-22 Dated. 08-03-2022 issued under endorsement No. CE/PHE/Kmr/JSD/44105-56 Dated. 08-03-2022.
 2. UT level committee meeting held on 01-06-2022 under the Chairmanship of Development Commissioner Works PW (R&B).
 3. Letter of authorization No. CE/PHE/JJM/8738-82 Dated. 04-06-2022.
 4. DJJM meeting notice No. SE/Hyd/Bud/1328-45 Dt. 06-06-2022 along with meeting agenda.
 5. District JJM Committee Budgam minutes of meeting held on 07-06-2022 issued vide DDC Budgam's office No. DDCB/Plg/JJM/3187-204 Dated. 22-06-2022.
 6. L.O. No. SE/Hyd/LC/1769-72 Dated. 23-06-2022.

For and on behalf of the Lt. Governor of Jammu & Kashmir UT the contract for above noted work is fixed with you on the following negotiated rates, terms and conditions:

S. No	Item Description	Qty.	Unit	Rate	Amount
1	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	1000.00	sqm	5.78	5780
2	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)	1872.42	Cum	188.75	353419
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil	233.90	Cum	539.35	126154
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :All kinds of soil.	31.09	Cum	81.65	2538
5	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed: All kinds of soil	195.00	Cum	436.00	85020
6	Stripping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	200.00	IKL	155.55	31110
7	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	168.87	Cum	1320.00	222908
8	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
9	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	80.97	Cum	4861.84	393663

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10	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	52.55	Cum	6434.01	338107
11	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	8.57	Cum	5399.02	46270
12	Providing/laying in position specified grade of reinforced cement concrete including curing but excluding the cost of centering, shuttering, finishing and reinforcement. All works upto plinth level: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	32.96	Cum	7800.76	257113
13	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	46.65	Cum	9408.14	438890
14	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.				
15	All works upto plinth level	40.50	Cum	7911.26	320406
16	All works above plinth level upto floor V level	80.90	Cum	9302.98	752611
17	Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. 5.35.1 Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @340 kg/cum)	131.06	Cum	111.87	14662
18	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	142.65	Quintal	1074.37	153259
19	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centring, shuttering, finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	40.86	Cum	9849.35	402444
20	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)	1250.31	kgs	57.90	72393
21	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 upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	28030.00	Kg	87.18	2443655
22	Centering & shuttering including strutting, propping etc. and removal of form for:				
23	Foundations, footings, bases of columns etc. for mass concrete.	186.21	sqm	262.30	48843
24	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1100.11	sqm	573.85	631298
25	Suspended floors, roofs, landings, balconies and access platforms.	207.46	sqm	635.60	131862
26	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	205.71	sqm	502.85	103441
27	Columns, pillars, piers, abutments, posts and struts.	198.87	sqm	680.15	135261
28	Stairs (excluding landings) except spiral staircases.	63.10	sqm	807.50	50953
29	Extra for shuttering in circular work (20% of respective centring and shuttering items)				
30	Foundations, footings, bases of columns etc. for mass concrete.	15.94	sqm	52.46	836
31	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	200.79	sqm	114.77	23045

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32	Suspended floors, roofs, landings, balconies and access platforms.	16.02	sqm	127.12	2036
33	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	25.38	sqm	100.57	2552
34	Edges of slabs and breaks in floors and walls	279.59	RM	242.30	67745
35	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and de-centering at all levels, over a height of 3.5 m, for every additional height of 1 meter or part thereof (Plan area to be measured).				
36	Suspended floors, roofs, landings, beams and balconies (plan area to be measured)	218.18	sqm	267.60	58385
37	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in: Cement mortar 1:4 (1 cement : 4 coarse sand)	17.71	Cum	7476.38	132407
38	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	17.71	Cum	1522.20	26958
39	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately): First class kail wood	1.40	Cum	106894.15	149652
40	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. First class kail wood (30 mm thick shutter)	25.30	mm/sqm	2784.10	70438
41	Providing/fixing fly proof wire gauge to windows & clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions all complete. With Galvanized M.S. Wire gauge with wire of dia 0.63 mm	25.30	sqm	925.00	23403
42	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. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	2000.00	Kg	146.63	293260
43	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 for the Installation Testing and Commissioning of Half Bridge with Central Drive mechanism, scrapper and churners for required dia Clarifer. Welded	3085.70	Kg	102.14	315173
44	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				
45	80x125 mm M.S. laths with 1.25 mm thick top cover	4.08	sqm	3238.20	13212
46	Providing and fixing ball bearing for rolling shutters.	2.00	No.	483.10	966
47	Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete. 50 mm thick with 20mm nominal size stone aggregate.	122.02	sqm	505.00	61620
48	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. In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	60.33	sqm	1210.66	73039

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49	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:				
50	Makrana White Second quality (16mm)	68.29	sqm	6175.39	421717
51	Extra for pre finished nosing to treads of steps of marble stone	18.12	sqm	579.31	10497
52	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 meter.	18.12	sqm	674.13	12215
53	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.	374.92	Cum	198.70	74497
54	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	895.45	Cum	59.95	53682
55	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	7.91	Cum	787.40	6228
56	12mm Cement plaster finished with a floating coat of neat cement of mix:				
57	1 : 3 (1 cement : 3 fine sand)	935.69	sqm	343.75	321643
58	15mm thick on brick work 1 : 6 (1 cement : 6 fine sand)	376.40	sqm	278.60	104865
59	6mm thick 1 : 3 (1 cement : 3 fine sand) plain	559.15	sqm	221.50	123852
60	Applying priming coat: With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	128.82	sqm	59.50	7665
61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
62	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	128.82	sqm	179.80	23162
63	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	888.50	sqm	91.80	81564
64	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				
65	On steel work	200.00	sqm	188.80	37760
66	Distempering with dry distemper of approved brand & manufacture (two or more coats) and of required shade on new work, over and including water thinnable priming coat to give an even shade	688.20	sqm	115.45	79453
67	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.	344.10	sqm	149.05	51238
68	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 2 mm thick	688.20	sqm	172.40	118646
69	Providing/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 (2.5mm). M.S. tub	303.90	Kg	172.90	52544
70	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				
71	125 mm	5.00	each	66.35	332
72	100 mm	40.00	each	52.30	2092

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73	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 :				
74	150x10 mm	5.00	each	80.38	402
75	100x10 mm	80.00	each	57.25	4580
76	Providing corrugated G. S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto any pitch in horizontal/ vertical or curved surface)excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.50 mm thick with zinc coating not less than 275 gram/m ²	100.44	sqm	830.25	83390
77	Providing ridges or hips of width 60cm overall width plain G.S sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete: 0.63 mm thick with zinc coating not less than 275 gram/m ²	33.88	Mtr	691.35	23423
78	Providing/fixing plained eaves boarding. 2nd class kail wood: 300x40 mm (nominal size)	40.16	Mtr	998.85	40114
79	Providing and fixing of 0.5mm Color GS Sheet Soffit boarding including Backing, supports etc complete job	30.13	Mtr	600.00	18078
80	Providing/fixing glazing in aluminum door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminum snap beading shall be paid in basic item.): With floating glass panes of 4.0 mm thickness (weight not less than 10.00 kg / sqm)	30.00	sqm	1072.17	32165
81	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: 75 mm dia	80.00	Mtr	1420.00	113600
82	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.	200.00	Mtr	103.50	20700
83	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): 2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	200.00	Mtr	192.05	38410
84	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	200.00	Mtr	230.00	46000
85	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)	10.00	No	824.55	8246
86	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)	10.00	No	1215.55	12156
87	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 5&5 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)	9.00	No	1300.00	11700

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88	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	2.00	No.	2125.00	4250
89	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	3.00	No.	1550.00	4650
90	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.	2.00	No.	569.25	1139
91	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.	3.00	No.	393.30	1180
92	Supply of 24-Watt LED slim aluminum panel surface type complete in all respects.	2.00	No.	600.00	1200
93	Supplying and fixing 12-way double door, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	2.00	No.	2360.95	4722
94	Providing, fitting/testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	6.00	No.	1500.00	9000
95	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.	100.00	Mtr	325.00	32500
96	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. (20KV)	1.00	No	37000.00	37000
97	Providing and fitting of panel board with angle iron supports 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.	2.00	No	4250.00	8500
98	Providing and fitting of:				
99	64 Amp. 4 pole Change over of reputed make	1.00	No	5000.00	5000
100	64 Amp-Copper bus bar	1.00	No	3750.00	3750
101	63 Amp MCCB	2.00	No	2700.00	5400
102	16 Amp MCCB	2.00	No	1250.00	2500
103	3-phase indicator points	3.00	No	445.00	1335
104	3-phase voltmeter and Amperemeters	4.00	No	1190.00	4760
105	Providing, fitting, testing and commissioning of following itemn for Alum Dosing Unit-				
106	Mixing device with reduction gear system.	1.00	Set	2500.00	2500
107	Mixing device with reduction gear system				
108	1.0 HP	2.00	No	4800.00	9600
109	Foundation \ Base plate	1.00	No	4548.00	4548
110	Starter along with necessary wiring upto motor	1.00	No	1680.00	1680
111	Providing, fitting, testing and commissioning of following items for Alum Dosing Unit-				
112	Mixing device with reduction gear system.	1.00	No	2500.00	2500
113	3-phase electrically driven motors:				
114	1.0 HP	2.00	No	4800.00	9600
115	Foundation / Base plate.	1.00	No	4548.00	4548
116	Starter along with necessary wiring upto motor	1.00	No	1680.00	1680
117	P.V.C outlet, overflow system with fittings upto point of application	1.00	No	530.00	530
118	150 mm dia Drain out let	1.00	No	1350.00	1350
119	50mm dia service water piping	1.00	No	530.00	530

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120	Constant dosing unit with time device.	1.00	No	1500.00	1500
121	Manually operated hoist	1.00	No	10000.00	10000
122	Providing, fitting, testing & commissioning of following items for Chlorine Dosing Unit-				
123	Mixing device with reduction gear system.	1.00	Set	2500.00	2500
124	3-phase electrically driven motors:				
125	1.0 HP	2.00	No	4800.00	9600
126	Foundation / Base plate.	1.00	Set	4548.00	4548
127	P.V.C outlet, overflow system with fittings upto point of application	1.00	Lot	530.00	530
128	Starter along with necessary wiring upto motor	1.00	No	1680.00	1680
129	150 mm dia Drain out let	1.00	Lot	1350.00	1350
130	50mm dia service water piping	1.00	Lot	530.00	530
131	Constant dosing unit with time device.	1.00	Set	1500.00	1500
132	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: 4.2 KLPM Air blower with 5.0 HP Motor.	2.00	No	87500.00	175000
133	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: Pumping unit with 5.0 HP Motor.	2.00	No	20268.00	40536
134	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.	2300.00	Kg	147.00	338100
135	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 tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.				
136	80 mm dia.	3.00	No	14058.00	42174
137	100 mm dia.	8.00	No	17210.00	137680
138	150 mm dia.	8.00	No	26720.00	213760
139	200 mm dia.	2.00	No	42300.00	84600
140	250 mm dia.	1.00	No	66440.00	66440
141	300 mm dia.	1.00	No	83100.00	83100
142	P/F testing and commissioning of MS Rotating Desludging Bridge comprising of following items:				
143	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.				
144	Welded	2900.00	Kg	102.14	296206
145	Central axle turn table with double bearing and guide for incoming cable.	2.00	No	4800.00	9600
146	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box)				
147	Pumping unit with 5.0 HP Motor.	1.00	No	24268.00	24268
148	Starter along with necessary wiring upto motor	1.00	No	1680.00	1680

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Dated: 14-02-2023

149	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
150	1.0 HP	1.00	No	7300.00	7300
151	Incoming cable, telescopic electric pole with rotary current collector	1.00	No	6500.00	6500
152	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS : 8328				
153	100 mm dia	12.00	Mtr	1108.15	13298
154	150 mm dia	50.00	Mtr	1581.25	79063
155	200 mm dia	30.00	Mtr	1947.00	58410
156	250 mm dia	12.00	Mtr	2504.80	30058
157	300 mm dia	12.00	Mtr	3129.20	37550
158	Providing and laying D.I. standard specials such as tees, bends, collars, tapers, caps etc. suitable for flanged jointing as per IS : 9523 (as per site requirement): Up to 300 mm dia.	1.00	Quintal	7823.70	7824
159	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work)				
160	20 mm dia. nominal bore	40.00	Mtr	204.45	8178
161	25 mm dia. nominal bore	30.00	Mtr	298.15	8945
162	50 mm dia. nominal bore	20.00	Mtr	559.35	11187
163	65 mm dia. nominal bore	15.00	Mtr	711.70	10676
164	80 mm dia. nominal bore	30.00	Mtr	840.00	25200
165	100 mm dia. nominal bore	50.00	Mtr	1234.95	61748
166	Providing and fixing of MS flanged joints (12mm thick) to double flanged GI/DI pipes including cutting of pipes, welding charges, cutting of flanges, rubber gasket, bolts, nuts including testing of joint and all sorts of carriages Complete Job.				
167	80 mm dia. pipe	6.00	No	1100.00	6600
168	100 mm dia. pipe	16.00	No	1520.00	24320
169	150 mm dia. pipe	16.00	No	2150.00	34400
170	200 mm dia. pipe	2.00	No	3480.00	6960
171	300 mm dia. pipe	2.00	No	7710.00	15420
172	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	80.00	sqm	800.00	64000
173	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	3.00	Cum	7700.00	23100
174	Supply & filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	4.50	Cum	7968.00	35856
175	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND:				
176	Sand from Marvel to site of work for an average lead of 25 Kms.	216.18	Cum	349.82	75624
177	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm :				
178	Aggregate from Wuyan to site of work for an average lead of 20Kms	239.90	Cum	349.82	83922
179	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate above 40mm :				
180	Aggregate from Wuyan to site of work for an average lead of 20Kms	107.83	Cum	380.28	41006
181	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement/Steel:				
182	Cement/Steel from Chadoora to site of work for an average lead of 10 Kms	202.72	Tonne	217.09	44008
183	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks:				
184	Bricks from Budgam to site of work for an average lead of 10 Kms	8412.00	No	0.67	5636

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