

OFFICE OF THE SUPERINTENDING ENGINEER,
JAL SHAKTI DEPARTMENT HYDRAULIC CIRCLE DISTRICT BLA/BPR H.Q SOPORE
Member Secretary District Jal Jeevan Mission Baramulla/Bandipora

Email:sehydbla@gmail.com

M/S: - Majid & Co.

Prep:- Abdul Majid Wani

S/o:- Sonallah Wani

R/o:- Khurhama Ganderbal

GST No: - 01AATPW4073E1ZJ

Regd No: SE/HYD/Sgr/AYY/Class236-Civil 2004-05.

Advertised Amount: ₹209.55lac

Allotted Amount:- ₹2,10,09,868.00

Major Head:-4215-JJM

Time of completion: 150days

[ORDER No: 23/SE/HYD/SPR/JJM of 2022-23]**Dated: - 19-01-2023****Subject: Fixation of Contract for:**

Construction, Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising of Clarifloculator , Flash mixer, Filter House , Separate Back Wash Tank, clear water sump, PST & Sludge sump with de-sludging motor including Electro/ Mechanical components for WSS Shri Hari Karan Gund. (Tender Id: 2022_PHE_163566_73)

Reference:

1. Chief Engineer Jal Shakti (PHE) department Kashmir's e-NIT 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 read with corrigendum No. I & II.
2. Revised District Action Plan (DAP) approved by the Chairman DJJM Bandipora circulated vide No: DDCB/BPR/2022/2056 Dated: 16-07-2022
3. Minutes of Meeting held with District Development Commissioner Bandipora (Chairman DDJM) on 23-08-2022 minutes issued vide order No. 210-DDCB OF 2022 Dated: 02/09/2022, under endorsement No. DDCB/JJM/2022-23/3036-39 Dated: 02/09/2022.
4. Administrative Approval Accorded by Chief Engineer Jal Shakti (PHE) Department Kashmir vide Order No. CE/PHE/DB/JJM/313 of 12-2022 Dated: - 09-12-2022.
5. Technical Sanction issued by Chief Engineer Jal Shakti (PHE) Department Kashmir's Order No:- CE/PHE/DB/774 of 12/2022 Dated: 13-12-2022.
6. UT Level committee meeting held on 01-06-2022 under the chairmanship of Development Commissioner Works PW(R&B).
7. Amendments in operational guidelines for the implementation of Jal Jeevan Mission issued by NJJM, DDW&S ministry of Jal Shakti GOI vide F. No W-11016/10/2022-JJM-IV-DDWS Dated:- 21-06-2022.
8. Chief Engineer Jal Shakti PHE Department Kashmir's Letter No:- CE/PHE/JJM/7372-7421 dated:- 07-06-2022

Dear Sir,

For and on behalf of Lieutenant Governor of Union Territory of Jammu and Kashmir, the contract for above subject work is hereby fixed on the rates quoted and subsequently negotiated and accepted by you on Percentage rate basis as per the **Annexure "A"** of this allotment order with standard terms and conditions as laid down in the **Annexure "B"** of this allotment order. The total cost of work shall be ₹ 2,10,09,868.00 (Two Crore Ten Lac Nine Thousand Eight Hundred and Sixty Eight Only).

No: - SE/HYD/JJM/ 13173-87

Dated:- 19/01/2023.

Superintending Engineer

Hydraulic Circle Baramulla/Bandipora

H.Q Sopore

Copy to the:-

1. Chief Engineer Kmr. Jal Shakti (PHE) Department Srinagar for favour information.
2. District Development Commissioner Bandipora (Chairperson DJJM) for favour of information.
3. Additional District Development Commissioner Bandipora (Member DJJM) for information.
4. Assistant Commissioner Development Bandipora (Member DJJM) for information.
5. Divisional Forest officer Bandipora (Member DJJM) for information.
6. Chief Planning Officer Bandipora (Member DJJM) for information.
7. Chief Medical Officer Bandipora (Member DJJM) for information.
8. Chief Educational Officer Bandipora (Member DJJM) for information.
9. District Social Welfare Officer Bandipora/District Tribal Welfare Officer Bandipora (Member DJJM) for information.
10. District Information officer Bandipora (Member DJJM) for information.
11. Executive Engineer Jal Shakti (PHE) Division Sopore (Member DJJM) for information and necessary action.
12. Executive Engineer Jal Shakti PHE Mech. Division North Sopore (Member DJJM) for information.
13. Executive Engineer Ground Water Division Srinagar (Member DJJM) for information.
14. WAPCOS Limited Bandipora for information and necessary action.
15. File Concerned.

Clarification, testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising
 sump with desludging motor including Electro/ Mechanical components WSS Shri Hari Karan
 Gumd. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No. 23 SE/HYD/JJM of 2022-23 Dated :- 19 / 01 / 2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	10.000	sqm	11,360	113,600
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)	1527.000	Cum	188,750	286221,250
3	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material:- All kinds of soil:-	219.650	Cum	81,650	17934,423
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, cross consolidating each deposited layer by tamping and watering, lead upto 50 m and lift upto 1.5 m.	882.730	Cum	198,700	175398,451
5	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-Charge.	85.000	Cum	59,950	5095,750
6	Providing and laying hand packed stone soling 50 mm nominal size including filling spreading dressing, ramming all leads lifts and all carriages complete.	99.960	Cum	1320,000	131947,200
7	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.	5.000	Cum	7700,000	38500,000
8	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds, including all carriages, complete job	18.200	Cum	7968,000	145017,600
9	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m in - All kinds of soil.	10.000	sqm	21,930	219,300
10	Supplying and filling in plinth with fine sand under floors including, watering ramming consolidating and dressing complete.	55.000	Cum	787,400	43307,000
11	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 40 mm nominal size)	31.490	Cum	6434,010	202606,975
12	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 40 mm nominal size)	8.550	Cum	5399,020	46161,621
13	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)	44.390	Cum	4861,840	215817,078
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 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	47.420	Cum	7800,760	369912,039
15	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)	32.680	Cum	9408,140	307458,015

Superintending Engineer

Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising Clarifloculator , flash mixer, Filter House ,Seperate back Wash Tank, clear water sump,PST & sump with desulding motor including Electro/ Mechanical components WSS Shri Hari Karan Gund. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19/01/2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
16	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)	69.730	Cum	9849.350	686795.176
17	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. All works upto plinth level	93.060	Cum	7911.260	736221.856
17.1	All works above plinth level upto floor V level	193.700	Cum	9302.980	1801987.226
18	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. (Note:- Cement content considered in M-30 is @ 340 kg/cum)	267.900	Cum	111.870	29969.973
19	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	729.700	Quintal	1074.370	783967.789
20	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns etc. for mass concrete.	68.400	sqm	262.300	17941.320
20.1	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1410.450	sqm	573.850	809386.733
20.2	Suspended floors, roofs, landings, balconies and access platforms.	486.170	sqm	635.600	309009.652
20.3	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	148.060	sqm	502.850	74451.971
20.4	Columns, pillars, piers, abutments, posts and struts.	249.670	sqm	680.150	169813.051
20.5	Stairs (excluding landings) except spiral staircases.	61.170	sqm	807.500	49394.775
21	Extra for shuttering in circular work (20% of respective centering and Shuttering items): Foundation	21.200	sqm	52.460	1112.152
21.1	walls	424.030	sqm	114.770	48665.923
21.2	suspended floors	100.600	sqm	127.120	12788.272
21.3	Lintel, beams	21.620	sqm	100.570	2174.323
21.4	Edges of slabs and breaks in floors and walls	253.000	RM	242.300	61301.900
22	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). Suspended floors, roofs, landings, beams and balconies (plan area to be measured)	239.810	sqm	267.600	64173.156
23	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)	2535.460	kgs	57.900	146803.134
24	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 and above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	41838.000	Kg	87.180	3647436.340
25	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)	62.630	Cum	7476.380	468245.679

Superintending Engineer



Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising clarifloculator, flash mixer, Filter House, Separate back Wash Tank, clear water sump, PST & sump with desulding motor including Electro/ Mechanical components WSS Shri Hari Karan Kund. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19/04/2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
26	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	62.630	Cum	1522.200	95335.386
27	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	0.348	Cum	106894.150	37145.717
28	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. (Note: -Butt hinges and necessary screws shall be paid separately). First class kail wood (30 mm thick)	2.500	sqm	2784.100	6960.250
29	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. Second kail wood (30 mm thick)	4.320	sqm	2489.750	10755.720
30	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. Using M.S. angles 40x40x6mm for diagonal braces.	6.000	sqm	4352.950	26117.700
31	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 stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required.	1000.000	Kg	114.680	114680.000
31.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	3250.000	Kg	146.630	476547.500
32	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube	948.200	Kg	172.900	163943.780
33	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.	3550.000	Kg	91.030	323156.500
34	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	3900.000	Kg	102.140	398346.000
35	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 80x1.25 mm M.S. laths with 1.25 mm thick top cover	7.560	sqm	3238.200	24480.792
36	Providing and fixing ball bearing for rolling shutters.	4.000	each	483.100	1932.400

Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising Jarifloculator , flash mixer, Filter House ,Seprate back Wash Tank, clear water sump,PST & sump with desulding motor inlcuding Electro/ Mechanical components WSS Shri Hari Karan Sund. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19 01 -2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
37	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.	59.490	sqm	461.850	27475.457
37.1	40mm thick with 20 mm nominal size stone aggregate. 50 mm thick with 20mm nominal size stone aggregate.	138.180	sqm	505.000	69780.900
38	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 dirrected by the engineer incharge)	145.320	sqm	1210.660	175933.111
39	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: Makrana White Second quality (16mm)	97.700	sqm	6175.390	603335.603
40	12mm Cement plaster finished with a floating coat of neat cement of mix: 1: 3 (1 cement : 3 fine sand)	1131.510	sqm	343.750	388956.563
40.1	1: 4 (1 cement : 4 fine sand)	178.000	sqm	325.450	57930.100
41	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	615.310	sqm	91.800	56485.458
42	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work	60.000	sqm	121.950	7317.000
43	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 On concrete work	606.680	sqm	183.430	111283.312
44	Distemping with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work, over and including water thinnable priming coat to give an even shade	215.000	sqm	115.450	24821.750
45	Distemping 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.	215.000	sqm	149.050	32045.750
46	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 100 mm	35.000	each	52.300	1830.500
47	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: 150x10 mm	6.000	each	80.350	482.100
47.1	100x10 mm	60.000	each	57.350	3441.000
48	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/m2	128.000	sqm	830.250	106272.000

4



Q

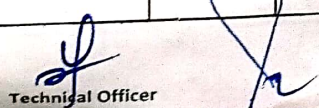
Superintending Engineer

Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising Clarifloculator , flash mixer, Filter House ,Seprate back Wash Tank, clear water sump,PST & sudge sump with desulding motor inlcuding Electro/ Mechanical components WSS Shri Hari Karan Gund. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19/01-2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
49	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	40.500	mtr	691.350	27999.675
50	Providing and fixing plained eaves boarding. 2nd class kail wood 250x32 mm (nominal size)	50.000	mtr	693.900	34695.000
51	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. 1 mm thick	615.310	sqm	129.500	79682.645
51.1	2 mm thick	98.910	sqm	172.400	17052.084
52	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work) 80 mm dia. nominal bore	36.000	mtr	840.000	30240.000
52.1	100 mm dia. nominal bore	18.000	mtr	1234.950	22229.100
53	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.	33.660	Quintal	7823.700	263345.742
54	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. 80 mm dia. pipe	10.000	Joint	1100.000	11000.000
54.1	100 mm dia. pipe	6.000	Joint	1520.000	9120.000
54.2	125 mm dia. pipe	4.000	Joint	1855.000	7420.000
54.3	150 mm dia. pipe	21.000	Joint	2150.000	45150.000
54.4	200 mm dia. pipe	14.000	Joint	3480.000	48720.000
54.5	250 mm dia. pipe	25.000	Joint	5030.000	125750.000
54.6	300 mm dia. pipe	15.000	Joint	7710.000	115650.000
55	Providing and Placing in position suitable PVC water stops conforming to IS : 12200 for construction / expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete. Serrated with central bulb (225 mm wide, 8-11mm thick)	314.000	mtr	281.850	88500.900
56	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	150.000	sqm	800.000	120000.000
57	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixed with dash fastener of required dia. and size including necessary filling up of gaps at junctions i.e, at top, bottom and sides with required EPDM rubber / neoprene gasket felt etc. Aluminum sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-Charge (glazing, panelling and dash fasteners to be paid for separately.) Anodized aluminum (Anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC 15)	250.000	Kg	459.310	114827.500
58	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately.) Anodized aluminum (Anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC 15)	175.000	Kg	552.640	96712.000

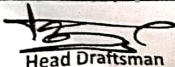

Technical Officer


Superintending Engineer

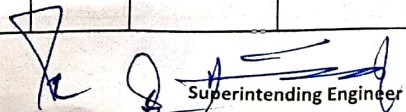
Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising clarifloculator , flash mixer, Filter House ,Seprate back Wash Tank, clear water sump,PST & sump with desludging motor including Electro/ Mechanical components WSS Shri Hari Karan Kund. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19/01-2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
59	Providing and 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 float glass panes of 5.0 mm thickness (weight not less than 12.50 kg / sqm)	40.000	sqm	1395.960	55838.400
60	Providing and 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 float glass panes of 8 mm thickness (weight not less than 20.0 kg / sqm)	7.000	sqm	1807.140	12649.980
61	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	124.000	mtr	1420.000	176080.000
62	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND for an average lead of 25 Km	293.550	Cum	605.620	177779.751
62.1	Aggregate below 40mm for an average lead of 25 Km	401.290	Cum	402.280	161430.941
62.2	Aggregate 40mm and above for an average lead of 25 Km	75.980	Cum	437.000	33203.260
62.3	Cement/Steel/ CGI Sheets for an average lead of 20 Km	270.220	MT	357.660	96646.885
62.4	Bricks for an average lead of 35 Km	31000.000	No	1.070	33170.000
63	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.	250.000	RM	103.500	25875.000
64	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)	15.000	Point	824.550	12368.250
65	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)	5.000	Point	1215.550	6077.750
66	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)	6.000	No	1300.000	7800.000
67	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	20.000	Mtr	192.050	3841.000
67.1	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	20.000	Mtr	230.000	4600.000
68	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.	3.000	No.	569.250	1707.750


Head Draftsman



Technical Officer


Superintending Engineer

Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising Clarifloculator , flash mixer, Filter House ,Seprate back Wash Tank, clear water sump,PST & sump with desludging motor including Electro/ Mechanical components WSS Shri Hari Karan Sand. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19/01-2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
69	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.	3.000	No.	393.300	1179.900
70	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.	5.000	No.	228.850	1144.250
71	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.	5.000	No.	442.750	2213.750
72	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	3.000	No.	74.750	224.250
73	Supply of 24-Watt LED slim aluminum panel surface type complete in all respects.	3.000	No.	600.000	1800.000
74	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	3.000	No.	2125.000	6375.000
75	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	4.000	No.	1550.000	6200.000
76	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.	6.000	No.	193.200	1159.200
77	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.	3.000	No.	196.650	589.950
78	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	4.000	No.	417.450	1669.800
79	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)	2.000	No.	2360.950	4721.900
80	Providing, fitting and testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	10.000	No.	1500.000	15000.000
81	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.	155.000	Mtr	325.000	50375.000
82	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. 20 KVA	1.000	Job	37000.000	37000.000
83	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. Providing and fitting of: 200 Amp. 4 pole Change over of reputed make	1.000	No	11200.000	11200.000
83.01	100 Amp 4 pole change over of reputed make.	1.000	No	7598.000	7598.000
83.02	64 Amp. 4 pole Change over of reputed make	1.000	No	5000.000	5000.000


Head Draftsman


Technical Officer


Superintending Engineer

Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising
 clarifloculator , flash mixer, Filter House ,Seprate back Wash Tank, clear water sump,PST &
 sump with desulding motor inlcuding Electro/ Mechanical components WSS Shri Hari Karan
 and. (Tender Id: 2022_PHE_163566_73)

Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19/01-2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
83.03	32 Amp. 4 pole Change over of reputed make	1.000	No	2500.000	2500.000
83.04	200 Amp 3-phase copper bus bar	1.000	No	7500.000	7500.000
83.05	100 Amp-Copper bus bar	1.000	No	4550.000	4550.000
83.06	64 Amp-Copper bus bar	1.000	No	3750.000	3750.000
83.07	32 Amp-Copper bus bar	3.000	No	2850.000	8550.000
83.08	100 Amp MCCB	3.000	No	3300.000	9900.000
83.09	63 Amp MCCB	9.000	No	2700.000	24300.000
83.10	40 Amp MCCB	4.000	No	2100.000	8400.000
83.11	16 Amp MCCB	4.000	No	1250.000	5000.000
83.12	6 Amp MCCB	5.000	No	630.000	3150.000
83.13	3-phase indicator points	4.000	No	445.000	1780.000
83.14	3-phase voltmeter and Amperemeters	10.000	No	1190.000	11900.000
84	Providing, fitting, testing and commissioning of following items for Flash Mixer: Mixing device with reduction gear system 3-phase Electrically driven motor: 0.5 HP	1.000	No	2800.000	2800.000
84.1	1.0 HP	2.000	No	4800.000	9600.000
84.2	Foundation \ Base plate	2.000	Set	4548.000	9096.000
84.3	Starter along with necessary wiring upto motor	2.000	No	1680.000	3360.000
85	Providing, fitting, testing and commissioning of following itemn for Alum Dosing Unit- Mixing device with reduction gear system.3-phase electrically driven motors: 0.5 HP	1.000	No	2800.000	2800.000
85.1	Starter along with necessary wiring upto motor	1.000	No	1680.000	1680.000
85.2	P.V.C outlet, overflow system with fittings upto point of application	10.000	Lot	530.000	5300.000
85.3	150mm dia drain out let	10.000	Lot	1350.000	13500.000
85.4	50 mm dia Service water piping.	50.000	Lot	530.000	26500.000
85.5	Constant dozing unit with time device	1.000	Set	1500.000	1500.000
86	Providing, fitting, testing and commissioning of following itemns for Chlorine Dosing Unit-Mixing device with reduction gear system. 3-phase electrically driven motors: 1.0 HP	1.000	No	4800.000	4800.000
86.1	Foundation / Base plate.	1.000	Set	4548.000	4548.000
86.2	P.V.C outlet, overflow system with fittings upto point of application.	10.000	Lot	530.000	5300.000
86.3	Starter along with necessary wiring upto motor	2.000	No	1680.000	3360.000
86.4	150 mm dia Drain out let	10.000	Lot	1350.000	13500.000
86.5	50mm dia service water piping	50.000	Lot	530.000	26500.000
86.6	Constant dozing unit with time device.	1.000	Set	1500.000	1500.000
87	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. 80 mm dia.	1.000	Each	14058.000	14058.000
87.1	100 mm dia.	3.000	Each	17210.000	51630.000
87.2	150 mm dia.	2.000	Each	26720.000	53440.000
87.3	250 mm dia.	9.000	Each	66440.000	597960.000
87.4	300 mm dia.	3.000	Each	83100.000	249300.000
88	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 auxilliary pipe system upto filter beds with pressure guage, Nozzles, foundation block, base plate, air check valve , non- return valve, Starter etc 8.2 KLPM Air blower with 7.5 HP Motor.(one No, as standby)	2.000	No	125000.000	250000.000

Head Draftsman

Technical Officer

Superintending Engineer

Successful testing and Commissioning of 0.30 MGD Rapid Sand Filtration Plant comprising
 Jarifloculator , flash mixer, Filter House ,Seprate back Wash Tank, clear water sump,PST &
 sump with desludging motor including Electro/ Mechanical components WSS Shri Hari Karan
 und. (Tender Id: 2022_PHE_163566_73)

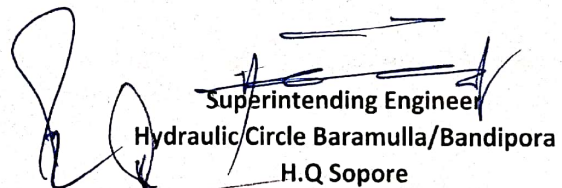
Annexure "A" with Order No: 23 SE/HYD/JJM of 2022-23 Dated :- 19/01-2023

S. No	Item Description	Units	Quantity	Alloted Rate	Amount
89	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.	1.000	Set	20268.000	20268.000
90	P/F testing and commissioning of MS Rotating Desludging Bridge comprising of following items: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	1809.500	Kg	102.140	184822.330
90.1	Central axle turn table with double bearing and guide for incoming cable.	1.000	Set	4800.000	4800.000
90.2	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box). Pumping unit with 7.5 HP Motor.	1.000	Set	33115.000	33115.000
90.3	Starter along with necessary wiring upto motor	1.000	No	1680.000	1680.000
90.4	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job. 1.0 HP	1.000	No	7300.000	7300.000
90.5	Incoming cable, telescopic electric pole with rotary current collector	1.000	Set	6500.000	6500.000
91	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS : 8328 200 mm dia	22.000	RM	1947.000	42834.000
91.1	250 mm dia	30.000	RM	2504.800	75144.000
91.2	300 mm dia	50.000	RM	3129.200	156460.000
92	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.	4.000	Kg	147.000	588.000
Total					1,94,53,581
Add 8% (Eight percent) for tender Appreciation					15,56,287
Total Amount					2,10,09,868

(Two Crore Ten Lac Nine Thousand Eight Hundred and Sixty Eight Only)


Head Draftsman


Technical Officer


Superintending Engineer
Hydraulic Circle Baramulla/Bandipora
H.Q Sopore


Annexure "B" with ORDER No: 23 /SE/HYD/SPR/JJM of 2022-23 Dated: 19-01-2023

Terms and Conditions

1. The work is executed strictly as per approved design / drawing, specifications and JJM Guidelines. Any deviation or change in proposal/location is subject to the prior approval from the competent authority.
2. The Executive Engineer will draw the formal agreement with the contractor within 07 Days from the date of issuance of this allotment order.
3. The rates allotted are inclusive of all taxes applicable as per norms amended by competent authorities from time to time. Labour cess and royalties shall have to be borne by the executing agency/contractor.
4. The execution of work shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department.
5. The executing agency/contractor shall be bound for satisfactory performance of the work for **18 months** after the successful Commissioning of subject work and will have to make a trial run of the work for a period of **03 months** to the best satisfaction of the department.
6. The **Defective Liability Period** shall be for a period of **12 Months** which shall commence after the successful completion of the Trial Run.
7. No liability should be created on this account.
8. The total cost of work shall in no case exceed beyond **₹2,10,09,868.00 (Two Crore Ten Lac Nine Thousand Eight Hundred and Sixty Eight Only)**.
9. In case the contractor fails to execute the work, the work shall be put to fresh tenders on the risk and cost of the contractor & the excess cost if involved shall be recovered from the contractor and strict action as warranted under contractual obligation shall be taken against the defaulter.
10. The time of completion of the work is reckoned **150-Days (One Hundred Fifty Days)** as per the condition laid down in the e-NIT.
11. The bidder shall furnish a performance security equivalent to 03% of the value of the contract within one week of the issuance of allotment order in the shape of CDR/FDR/Bank Guarantee, valid for a period of 38 Months shall be released after successful fulfilment of the laid down conditions in SDB/e-Nit.
12. The necessary cross sections of the dumping site/excavation should be incorporated at the time of making payments to the relevant item.
13. Geo Tagged Photographic evidences of the work; pre-execution, during execution and post execution should be maintained by the agency on his own expenses.
14. The executing agency/contractor must execute the work as per the requirements/specifications detailed in the relevant/applicable IS codes.
15. The tests for concrete and allied materials shall have to be carried out at reputed institute as per directions of Engineer in-charge and the charges for the same shall have to be borne by the executing agency/contractor.
16. All Environmental norms, labour laws and all other guidelines issued by competent authorities shall be followed in letter and spirit
17. All other terms & conditions as laid down in the standard bidding document, PWD form-25, GFR-2017 and manual of procurement of works 2019 shall remain in force.


Head Draftsman


Technical Officer


Superintending Engineer
Hydraulic Circle Baramulla/Bandipora
H.Q Sopore.