

**OFFICE OF THE
EXECUTIVE ENGINEER JAL SHAKTI PHE (HYD) DIVISION BANDIPORE**

- Subject: - Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (cost includes PST, Filter House and Wash Water Disposable Chamber) WSS Sumlar A and B.
- Reference: -
1. Chief Engineer Jal Shakti PHE Department Srinagar's E-NIT No CE/PHE/KMR/JSD/132 of 2021-22 issued under endorsement No CE/PHE/KMR/JSD/44105-56 dated 08/03/2022 and uploaded on tender portal with tender ID from 2022_PHE_163566_89.
 2. Revised District Action Plan of District Bandipore approved by DJJM vide No DDCB/BPR/2022/2056 dated 16/07/2022.
 3. Minutes of Meeting held with District Development Commissioner Bandipore (Chairman DDJM) on 04/07/2022 minutes issued vide order No 133-DDCB of 2022 dated 16/07/2022 issued under endorsement No DDCB/JJM/2022-23/2052-55 dated 16/07/2022
 4. Amendment 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.
 5. Modus operandi communicated by Chief Engineer Jal Shakti PHE Kashmir vide Circular No CE/PHE/MC/DB/13745-83 Dated 26/07/2022.
 6. Superintending Engineer Hydraulic Circle Bla/ Bpr H.Q Sopore's Authorization No SE/Hyd/DB/3931-43 dated 16/07/2022.
 7. Letter of intent issued by this office vide No PHE/Hyd/Bpr/JJM/3214-27 dated 21/07/2022.
 8. Administrative Approval Accorded by Chief Engineer Jal Shakti PHE Department Srinagar vide order No CE/PHE/DB/JJM/303 of 11/2022 dated 11/11/2022 issued endorsement No CE/PHE/DB/29169-77 dated 12/11/2022.
 9. Technical Sanction issued by Chief Engineer Jal Shakti (PHE) Department Kashmir's Order No CE/PHE/DB/724 of 11/2022 Dated 15/11/2022 issued under endorsement No CE/PHE/DB/29762-68 dated 15/11/2022.

ORDER NO. PHE/HYD/BPR/ 101 OF 2022-2023

DATED: 11 / 03 / 2023

Major Head of Account: JAL JEEVAN MISSION

Advised Cost: Rs.121.17 Lacs

Allotted Cost: Rs.1,30,86,360.00

Time of Completion: 150 Days

(GST No: -01A00PM3054L1ZV)

For and on behalf of the Lieutenant Governor of Union Territory of Jammu and Kashmir, contract for the work "Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (cost includes PST, Filter House and Wash Water Disposable Chamber) WSS Sumlar A and B" is hereby fixed with M/s Mir Construction Co. Prop. Naseer Ahmad Mir S/o Ghulam Mohammad Mir R/o Ward No 03 Bandipore bearing Regd No SE/Hyd/Bud-AAY/Civil/181/2003-2004, on the allotted cost of Rs.1,30,86,360.00 (Rupees One Crore Thirty Lac Eighty Six Thousand Three Hundred Sixty only) on the rates quoted and subsequently negotiated / accepted by bidder on percentage basis as per the Annexure "A" of this allotment order with the standard terms and conditions as laid down in Annexure "B" of this allotment and Detailed E-NIT and SBD.


Executive Engineer
PHE (Hyd) Division
Bandipore

No: - PHE/Hyd/Bpr/CC/ 11177-90

Dt: - 11 / 03 / 2023

Copy to the: -

01. Chief Engineer Jal Shakti PHE Department Srinagar for favour of information.
02. District Development Commissioner Bandipore (Chairman DJJM) for favour of information.
03. Additional District Development Commissioner Bandipore (Member DJJM) for favour of information.
04. Superintending Engineer Hydraulic Circle Bla/ Bpr H.Q Sopore (Member Secretary DJJM) for favour of information.
05. Assistant Commissioner Development Bandipore (Member DJJM) for favour of Information.
06. Divisional Forest Officer Bandipore (Member DJJM) for favour of Information.
07. Chief Planning Officer Bandipore (Member DJJM) for favour of Information.
08. Chief Medical Officer Bandipore (Member DJJM) for favour of Information.
09. Chief Education Officer Bandipore (Member DJJM) for favour of Information.
10. District Social Welfare Officer Bandipore/District Tribal Welfare Officer Bandipore (Member DJJM) for favour of information.
11. District Information Officer Bandipore (Member DJJM) for favour of Information.
12. Assistant Executive Engineer PHE Sub-Division Bandipore for Information.
13. WAPCOS Bandipore for Information.
14. M/s. Mir Construction Co. Prop. Naseer Ahmad Mir S/o Ghulam Mohammad Mir R/o Ward No 03 Bandipore for information.

**OFFICE OF THE
EXECUTIVE ENGINEER PHE (HYD) DIVISION BANDIPORE**

Annexure "A" TO ALLOTMENT Order No. 101 PHE/HYD/BPR/2022-23 Dated 11/03/2023

Name of work :- **"Construction of 0.10 MGD Rapid Sand Filtration Plant Comprising of Clarifloculator/Flash mixer/Filter House/chamber &OHT type B/W Tank and PST WSS Sumlar A&B".**

Adv. Cost :- 121.17 lacs
Allotted Cost :- 13086360.00

S. No	Particulars	Qty.	Unit	Alloted Rate	Amount
1	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.				
1.1	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)	1805.00	m ³	21.94	39602.00
2	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	4508.90	m ³	188.75	851054.87
3	Providing and shrouding filter media including laying, including all carriages by mechanical transport from Gandrabal and head load complete job. GRAVEL	27.73	m ³	1320.00	36603.60
3.01	Supply and filling of filter media from approved source (course filter SAND-in filter beds incld. All carriages complete job	3.00	M3	7700.00	23100.00
3.02	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	4.50		7968.00	35856.00
3.03	Boulder/Sand filling in walls including hand packing properly & all carriages upto site.	20.63	m ³	787.40	16244.06
4	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).	39.51	m3	787.40	31110.17
6	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	15.25	m ³	4861.84	74143.06
7	Providing & Laying in position plain cement concrete of specified grade excluding the cost of centering and shuttering, finishing and reinforcement. All works upto plinth level in 1:2:4 mix (1 Cement : 2 Sand : 4 Graded stone aggregates) M20.	3981.92	m3	59.65	237521.52
8	Providing & Laying in position reinforced cement concrete of specified grade excluding the cost of centering and shuttering, finishing and reinforcement. All works upto plinth level in 1:1.5:3 mix (1 Cement : 1.5 Sand : 3 Graded stone aggregates). Non Water Retaining structures.	17.258	m3	6434.01	111038.14
9	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 work above plinth level upto floor V-level)	30.46	m3	7800.76	237611.14
		131.56	m ³	9302.98	1223900.00

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Head Draftsman

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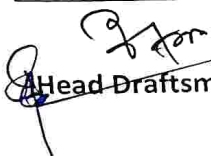
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Executive Engineer

Item of work :-

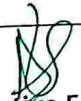
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"Construction of 0.10 MGD Rapid Sand Filtration Plant Comprising of Clarifloculator/Flash mixer/Filter House/chamber &OHT type B/W Tank and PST WSS Sumlar A&B".

10	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)	131.56	m ³	111.87	14717.61
11	Reinforced cement concrete work for slabs (any thickness) excluding cost of centering, shuttering, and reinforcement in 1:1.5:3 mix (1 Cement : 1.5 Sand : 3 Graded stone aggregates) Non Water Retaining structures.	37.75	m ³	9849.35	371812.96
12	Reinforced cement concrete work in columns (any thickness) including attached pilasters, buttress, plinth and string, courses, columns, fillet set upto Floor V level excluding cost of centering, shuttering, and reinforcement in 1:1.5:3 mix (1 Cement : 1.5 Sand : 3 Graded stone aggregates) Non Water Retaining structures.	12.43	m ³	9408.14	116743.18
13	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)	1052.00	Kg	57.90	60910.80
14	Form work: Centering and Shuttering including strutting, proping etc and removal of same for.				
	a) Foundations, footings, bases for columns	72.00	m ²	262.30	18885.60
14.01	b) Retaining walls, return walls, walls (any thickness) including attached pilasters buttresses, plinth and string course fillets, kerbs and steps etc	789.57	m ²	573.85	453094.74
14.02	c) Columns.	392.64	m ²	680.15	267054.09
14.03	d) Beams 1st floor e) Beams 2nd floor F. House	218.11	m ²	502.85	109676.61
14.04	g) Slab floor- I h) Trough i) Slab floor -II	183.36	m ²	635.60	116543.61
14.05	Extra for circular works Raft	30.30	m ²	52.46	1589.53
14.06	Extra for circular works above Raft	244.91	m ²	114.77	28108.32
14.07	Extra for circular works above Beams	25.24	m ²	100.57	2538.38
14.08	Edges of slab	40.6	rm	242.30	9837.38
15	Brick work in super structure above plinth level upto floor V level Cement mortar 1:4 (1 cement : 4 coarse sand)	32.29	m ³	7476.38	241412.31
15.01	Extra for brick work in super structure above plinth level upto floor five level by manual means.	32.29	m ³	1522.20	49151.83
16	Reinforcement for RCC works including straightening, cutting, bending and placing in position all complete (TMT).	21095.00	Kg	87.18	1839062.10
17	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): 2nd class kailwood	1.94	m ³	92065.40	178606.77
18	P/F of glazed shutters for doors, windows, clerestory windows using 10kg/sqm (4mm thick) float glass panes including ISI marked M.S butt hinges bright finished of required size with necessary screws (2nd class kail wood) 30mm th	18.92	m ²	3081.90	58309.54
19	P/F 30mm thick wire gauze shutters using galvanized MS wire gauze of avg width for aperture 1.4 mm in both directions with wire of dia 0.63 mm for doors, windows and clerestory windows with hinges and necessary screws ISI marked bright pressed finished M.S Butt hinges with necessary screws. Second class kail wood 30mm.	18.97	M ²	2966.35	56271.65
20	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 shutter)	8.35	M ²	2489.75	20789.41
21	Pre-laminated particle board with decorative lamination on both sides, Grade I, Type II IS : 12823 marked	5.00	M ²	1931.20	9656.00


Head Draftsman

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Executive Engineer

Item of work :-

p-3rd

"Construction of 0.10 MGD Rapid Sand Filtration Plant Comprising of Clarifloculator/Flash mixer/Filter House/chamber &OHT type B/W Tank and PST WSS Sumlar A&B".

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.	8596.99	Kg	102.14	878096.55
23	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. (In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.)	1484.43	Kg	114.60	170115.67
24	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 Filter house Hollow pipe 32 Dia	579.24	Kg	172.90	100150.59
25	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS:4454 part-1 and M.S. top cover of required thickness for rolling shutters 80x1.25 mm M.S. laths with 1.25 mm thick top cover	7.00	M2	3238.20	22667.40
26	Providing and fixing ball bearing for rolling shutters.	2.00	each	483.10	966.20
27	Cement concrete flooring 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of nosing of steps etc. complete. 50 mm thick with 20mm nominal size stone aggregate.	75.50	M2	505.00	38127.50
28	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)	229.84	M2	1210.66	278258.09
29	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:	102.23	sqm	6175.39	631310.11
30	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT 15mm Cement plaster on the rough side of single or half brick wall of mix: 1 : 4 (1 cement : 4 fine sand)	1327.47	m ²	300.45	398838.36
31	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade (two or more coats on new work)	287.02	M2	121.95	35002.08
32	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	681.81	M2	91.80	62590.15
33	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge (For construction joint)	6.36	M2	800.00	5088.00
34	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 steel works	75.00	M2	188.80	14160.00
35	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	1100.79	M2	115.45	127086.21


Head Draftsman

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Executive Engineer

Item of work :-

p-4th
"Construction of 0.10 MGD Rapid Sand Filtration Plant Comprising of Clarifloculator/Flash mixer/Filter House/chamber &OHT type B/W Tank and PST WSS Sumlar A&B"

36	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 125mm				
36.01	100mm	5.00	No	66.35	331.75
37	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 :	40.00	No	52.30	2092.00
37.01	150x10 mm	5.00	No	80.35	401.75
37.02	100x10 mm	80.00	No	57.35	4588.00
38	Providing corrugated G.S sheets roofing fixed with ploymercoatd J or L hooks, nuts & bolts 8mm dia with bitumen and G.I limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (upto a pitch of 60 degrees) excluding the cost of purlins, rafters and trusses. 0.50 mm thick with zinc coating not less than 275 gram/m2	211.94	m ²	830.25	175963.18
39	Providing ridges or hips width 60mm overall of G.S sheets fixed with polymer coated J or L hooks nolts and nuts 8mm dia G.I Limpet and bitumen washers complete. 0.50 mm thick with zinc coating not less than 275 gram/m2	27.17	Rm	626.70	17027.43
39.01	Providing and fixing plained eaves boarding. 2nd class kail wood 300x40 mm (nominal size)	44.05	Rm	998.85	43999.34
40	Providing and fixing of 0.5mm Color GS Sheet Soffit boarding including Backing, supports etc complete job	33.03	m2	600.00	19818.00
41	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 engineerin-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)	52.00	M2	1072.17	55752.84
42	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	135.00	M	1420.00	191700.00
42.01	100mm dia	10.00	M	1990.00	19900.00
43	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) Heating points	10.00	No	1300.00	13000.00
44	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)Lighting points	30.00	No	824.55	24736.50
44.1	Providing and carrying out wiring for twin control light point with 4.0 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 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)	10.00	point	1300.00	13000.00
45	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.	150.00	m	103.50	15525.00

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Head Draftsman

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Executive Engineer

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p-5th

“Construction of 0.10 MGD Rapid Sand Filtration Plant Comprising of Clarifloculator/Flash mixer/Filter House/chamber &OHT type B/W Tank and PST WSS Sumlar A&B”.

46	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	2.00	No	2125.00	4250.00
47	P/F of air blower standard make ISI mark capable of providing compression @ 15cum per minute @ 0.35 kgs/sqm suitable 3 phase induction electric motor 40hp Kirloskar/ Crompton Graves make complete with auxiliary pipe system upto filter beds (two nos) filling pressure gauge Nozzles, cement concrete, block base plate air check valve, non return valve. (2.10 KLPM Air blower with 5.0 HP Motor.)	1.00	Set	87500.00	87500.00
47.01	2.10 KLPM Air blower with 2.0 HP Motor	1.00	Set	67500.00	67500.00
48	Providing, fitting, testing and commissioning of following Items for Alum Dosing Unit- Mixing device with reduction gear system.	1.00	Set	2500.00	2500.00
48.02	3-phase electrically driven motors: 1.0 HP	1.00	Set	4800.00	4800.00
48.02	Foundation / Base plate	1.00	Set	4548.00	4548.00
48.03	Starter along with necessary wiring upto motor	1.00	No	1680.00	1680.00
48.04	P.V.C outlet, overflow system with fittings upto point of application	1.00	Lot	530.00	530.00
48.05	150mm dia drain out let	1.00	Lot	1350.00	1350.00
48.06	50 mm dia Service water piping.	1.00	Lot	530.00	530.00
48.07	Constant dosing unit with time device	1.00	Set	1500.00	1500.00
48.08	Manually operated hoist	1.00	Set	10000.00	10000.00
49	Providing, fitting, testing and commissioning of following items for Chlorine Dosing Unit- Mixing device with reduction gear system	1.00	Set	2500.00	2500.00
49.02	Foundation / Base plate.	1.00	Set	4548.00	4548.00
49.03	P.V.C outlet, overflow system with fittings upto point of application.	1.00	Lot	530.00	530.00
49.04	Starter along with necessary wiring upto motor	1.00	No	1680.00	1680.00
49.05	150 mm dia Drain out let	1.00	Lot	1350.00	1350.00
49.06	50mm dia service water piping	1.00	Lot	530.00	530.00
49.07	Constant dosing unit with time device	1.00	Set	1500.00	1500.00
50	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.	3.00	Job	4250.00	12750.00
51	Providing and fitting of: 100 Amp 4 pole change over of reputed make.	1.00	No	7598.00	7598.00
51.01	100 Amp-Copper bus bar	2.00	No	4550.00	9100.00
51.02	100 Amp MCCB	2.00	No	3300.00	6600.00
51.03	63 Amp MCCB	5.00	No	2700.00	13500.00
51.04	40 Amp MCCB	2.00	No	2100.00	4200.00
51.05	16 Amp MCCB	8.00	No	1250.00	10000.00
51.06	6 Amp MCCB	8.00	No	630.00	5040.00
51.07	3-phase indicator points	12.00	No	445.00	5340.00
51.08	3-phase voltmeter and Amperemeters	3.00	No	1190.00	3570.00
52	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.	10.00	No.	569.25	5692.50
53	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.	4.00	No.	393.30	1573.20
54	Supplying and fixing single pole 5 A to 32 A rating, 240V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load in the MCB DB complete with connections, testing and commissioning etc. as required.	12.00	No.	228.85	2746.20
55	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.	3.00	No.	442.75	1328.25
56	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	4.00	No.	74.75	299.00

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Head Draftsman

contd. On 6th

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Executive Engineer

ne of work :-

p-6th

"Construction of 0.10 MGD Rapid Sand Filtration Plant Comprising of Clarifloculator/Flash mixer/Filter House/chamber &OHT type B/W Tank and PST WSS Sumlar A&B".

57	Supply of 24-Watt LED slim aluminum panel surface type complete in all respects.				
59	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.	6.00	No.	600.00	3600.00
60	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.	20.00	No.	193.20	3864.00
61	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	2.00	No.	196.65	393.30
62	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)	3.00	No.	417.45	1252.35
63	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. (150mm dia/200mmdia)	3.00	No.	2360.95	7082.85
64	Providing and fixing D.I. sluice valves of rating (PN-1.6) class -1st (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.	670.69	Kg	147.00	98591.43
64.01	200mm dia	5.00	No	42300.00	211500.00
64.02	150mm dia	7.00	No	26720.00	187040.00
64.03	80mm dia	1.00	No	14058.00	14058.00
64.03	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 steel work	75.00	No	188.80	14160.00
64.04	On concrete work	135.00	No	183.43	24763.05
65	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.				
65.01	Welded	3150	Kg	102.14	321741.00
66	Central axle turn table with double bearing and guide for incoming cable.	2.00	Set	4800.00	9600.00
67	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box). Pumping unit with 5.0 HP Motor.				
67.01	Starter along with necessary wiring upto motor	1.00	Set	24268.00	24268.00
67.02	1.0 HP	1.00	No	1680.00	1680.00
68	Incoming cable, telescopic electric pole with rotary current collector	1.00	No	7300.00	7300.00
69	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.)	1.00	Set	6500.00	6500.00
		2.00	Job	20268.00	40536.00

contd. On 7th

Executive Engineer

Head Draftsman

ne of work :-

p-7th

“Construction of 0.10 MGD Rapid Sand Filtration Plant Comprising of Clarifloculator/Flash mixer/Filter House/chamber &OHT type B/W Tank and PST WSS Sumlar A&B”.

1	Testing, commissioning of drive assembly unit for churners of flocculator with 3 phase induction motor 2 HP capacity with Radicon reduction gear system and paddle set fixed on C/C base with base plate.	1.00	Job	12500.00	12500.00
72	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.	230.00	M	325.00	74750.00
73	Providing and fitting at site 3-phase, Voltage stabilizer of following ratings, oilmersed, 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. 25 KVA	1.00	Job	42000.00	42000.00
74	Providing, fitting and testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	8.00	No	1500.00	12000.00
75	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards incl Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	3.00	No	1550.00	4650.00
76	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS : 8329.				
76.01	200mm dia supply main to SR/Washout	34.00	Mtr	1947.00	66198.00
76.02	150mm dia washout in pipe gallery	34.00	mtr	1581.25	53762.50
77	Providing push on joints to cetrifugally cast spun iron S&S pipes excluding cost of pipes.				
77.01	200mm dia supply main to SR	7.00	No	213.00	1491.00
77.02	150mm dia washout in pipe gallery	7.00	No	144.70	1012.90
78	Carraige of materials from source to road site of work by mechanical transport including loading , unloading and stacking :- Cement / Steel /Structural steel for an avg. lead of 10 Km.	130.46	MT	248.03	32357.99
78.01	Sand for 50 Km's	98.94	m3	700.37	69294.60
78.02	20mm Aggregates for 50Km's	180	m3	700.48	126086.40
78.03	40mm Aggregrates for 50 Km's	13.73	m3	761.25	10451.96
78.04	Bricks for 80 Km's	15339	No	2.66	40801.74
				Total	12117000.00
				(Allotted rate @ 8% above on all items of work)	969360.00
					Rs.1,30,86,360.00
					(Rupees One Crore Thirty Lac Eighty Six Thousand Three Hundred Sixty only)


Head Draftsman


Executive Engineer
PHE (Hyd) Division
Bandipora.

ANNEXURE "B"

Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (cost includes PST, Filter House and Wash Water Disposable Chamber) WSS Sumlar A and B

TERMS AND CONDITIONS

01. The work shall be 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.
02. 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.
03. The execution of work shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department
04. No liability should be created on this account.
05. This letter of allotment will constitute a legal contract between the government and the contractor and the conditions as laid down in the master NIT for 2022-2023 and PWD Form No. 25 (Double) will also hold good even before the drawl of an agreement between the Government and the contractor.
06. That the date of start of the work shall be reckoned within two days from the date of issue of Letter of intent issued by Superintending Engineer Hydraulic Circle Bla/ Bpr H.Q Sopore vide his No SE/Hyd/DB/4468-82 dated 21/07/2022 and in case of delay on the part of the contractor in execution of the work within stipulated time of completion a penalty upto 10% of contract value shall be imposed upon him.
07. The total amount of work should not exceed **Rs.1,30,86,360.00** in any case.
08. 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 24 Months, which shall be released after successful fulfilment of the laid down conditions in SDB/E-NIT.
09. 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 (Ninety Days)** as per the condition laid down in the e-NIT.
11. 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 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 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 and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting
12. 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
13. 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
14. 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
15. Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure of commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency
 16. 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
 17. 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
 18. 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
 19. **The bidder shall not sublet the whole or part of the work.** The bidder shall not assign the work or any part thereof or any benefit or any interest thereon or any claim arising of the contract, without prior written consent of the allotting authority
 20. From the commencement of the work to the completion thereof the same shall be under the bidder's charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / 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
 21. 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
 22. 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
 23. 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. 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

25. Forfeit the performance security and blacklist the firm
26. Geo Tagged Photographic evidences of the work; pre-execution, during execution and post execution should be maintained by the agency on his own expenses
27. The executing agency/contractor must execute the work as per the requirements/specifications detailed in the relevant/applicable IS codes
28. 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
29. All Environmental norms, labour laws and all other guidelines issued by competent authorities shall be followed in letter and spirit
30. The payment of work shall be made as and when the funds are available to the tune within available provision of DPR by the competent authority under the proper scheme/ account head.
31. 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.
32. Nothing shall be paid to the contractor on account of dewatering/ diversion even if involved at site of work.
33. If the Contractor have not start the work within 15 days of issuance of this letter of intent, the contract shall be cancelled at the risk and cost of contactor without serving any notice. The Assistant Ex. Engineer concerned shall intimate this office regarding the same.
34. All other terms and conditions as laid down in Master E-NIT, Tender documents and PWD form 25 shall remain in force.


Executive Engineer
PHE (Hyd) Division
Bandipore