

Government of UT of Jammu & Kashmir
OFFICE OF THE SUPERINTENDING ENGINEER (JAL SHAKTI DEPARTMENT)
HYDRAULIC CIRCLE PULWAM HQ: SHOPIAN
Phone No/Fax: 01933 -465863, 01933 260250 email (sehydraulicshopian@gmail.com)



Allotment Order No. SE/HYD/SPN/Allot/JJM/ 11 of 2023-24 Dated:- 22/09/2023.

Subject: Construction, Testing, Successful Commissioning of 1.0MGD Rapid Sand Filtration Plant including Flashmixer, Clariflocullator, Filter Room with Filter Beds including cost of all electro-mechanical works Water Supply Scheme Rampathri A. of PHE Division Shopian of Kashmir Province of UT of J&K, under Jal Jeevan Mission.

Ref: 1. Chief Engineer Jal Shakti (PHE) Department Srinagar's E-NIT No. JSD/132 of 2021-22 dated: 08-03-2022.
2. Executive Engineer Jal Shakti PHE Division Shopian's letter No. PHEDS/DB/ 3031-32 dated: 13-09-2023.
3. Minutes of meeting DJJM Shopian and approval thereof held on 06-06-2022.
4. This office Letter of Intent issued vide No. 1925-30 dated: 28-06-2022.
5. Accord of administrative approval order No. CE/PHE/ DB/ 204 of 05/2021 dated:- 21-05-2021. issued by Superintending Engineer Hyd. Circle Pulwama HQ; Shopian vide No. CE/PHE/DB /8449-57 dated:- 21-05-2021.
6. Technical Sanction order No. CE/PHE/DB/ 1765 of 08/2022 dated: 31-08-2022 issued by Chief Engineer Jal Shakti (PHE) Department Srinagar Kashmir vide No. CE/PHE/DB/18551-55, dated:31-08-2022.

Advertised Cost: 3.053 crore (Rupees Three Crore Three lac and Fifty Three thousand only).

Allotted Cost: Rs.3.3677 Crore (Rupees Three Crore Thirty Six lacs Seventy Seven Thousand only).

Head of Account: MH-4215 JJM.

ORDER

For and on behalf of Lt. Governor of J&K Union Territory contract for **Construction, Testing, Successful Commissioning of 1.0MGD Rapid Sand Filtration Plant including Flashmixer, Clariflocullator, Filter Room with Filter Beds including cost of all electro-mechanical works Water Supply Scheme Rampathri A. of PHE Division Shopian of Kashmir Province of UT of J&K, under Jal Jeevan Mission.** is hereby allotted in favour of **M/s oZZ Trading and Industries Private Limited** bearing Registration No. **U74900JK2011PTC003432** at the rates approved as Shown in "**Annexure A**" to this allotment order.

Performance security deposited by contractor vide **FDR No. 50300858704970** dated: **19-09-2023** for an amount of **Rs.10,05,000.00** is being retained as Security deposit in the Circle office.

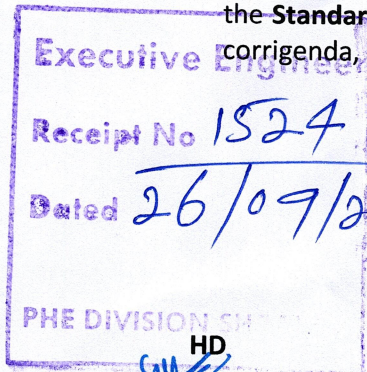
Terms and conditions:

The contract shall be governed by the following terms and conditions:

7. The cost of work in no case exceed beyond **Rs. 3.3677 (Rupees Three Crore Thirty-Six lac Seventy Seven Thousand only)**. The date of start of the subject work shall be reckoned from the date of Issuance of this allotment order/L.O.I. Given the fact that Letter of Intent stands already issued by this office vide no. **SE/Hyd/Spn/DB/1925-31, dated: 28-06-2022** . In case of failure to start the work within three days of issuance of this allotment order/L.O.I action as warranted shall be initiated.
8. 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 L.O.I/allotment in favour of successful firm.
9. Performance security equivalent to 03% of the value of the contract which works out to **Rs.10,05,000.00** /- shall be retained by this office till the work is completed and DLP is over.
10. The work shall have to be completed within a period of 180 working days from the date of issuance of this allotment order/L.O.I failing which penalty upto 10% of the total value of contract shall be imposed upon you.

11. The defects Liability period shall be for a period as mentioned in Standard Bidding Document/E-Nit which shall commence after the successful completion of Trial run, during the defects Liability period (DLP) the agency have to operate & maintain the scheme as it is required for its successful running & as per Standard Engineering Practices, to the full satisfaction of the department. The agency 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 agency 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

12. All other terms and conditions and technical specifications shall remain the same as laid down in the **Standard Bid Document of the subject e-NIT and Terms & Conditions thereof** read with the corrigenda, DJJM Minutes of Meeting.



Affo

Superintending Engineer
Hydraulic Circle Pulwama
Hq: Shopian.

No. SE/HYD/SPN/Allot/CC/ 4329-33

Dated: 22/09/2023.

Copy to the:

1. Mission Director JJM J&K Civil Secretariat Srinagar/Jammu for favour of information.
2. Chief Engineer Jal Shakti (PHE) Department Srinagar for favour of information.
3. District Development Commissioner Shopian (Chairman DJJM Shopian) for favour of information.
4. Executive Engineer Jal Shakti (PHE) Division Shopian for information and necessary action. He is directed to get the work executed as per approved drawings/specifications within allotted cost.
5. Mr. OZZ Trading and Industries Private Limited for information.
6. File.

No. JSSS/3393
Dated 30-09-2023

Forwarded to AEE Zainapora for further n/o.

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30/9/23

Construction, Testing, Successful Commissioning of 1.0MGD Rapid Sand Filtration Plant including Flashmixer, Clarifloculator, Filter Room with Filter Beds including cost of all electro- mechanical works Water Supply Scheme Rampathri

Allotment Order No. SE/Hyd/ Spn/ Allot/ JJM 11 of 2023-24.

Dated. 22 / 09 / 2023

S.No	Item of works	Quantity	Unit	Rate	Amount (Rs)
1	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	3000.00	m ²	1136.15/100 m ²	34084.50
2	Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunk and branches, removing the roots and stacking of serviceable				
2.1	Beyond 30 cm girth upto and including 60 cm girth.	10.00	no	344.80	3448.00
2.2	Beyond 60 cm girth upto and including 120 cm girth.	12.00	no	1530.80	18369.60
2.3	Beyond 120 cm girth upto and including 240 cm girth.	5.00	no	7090.80	35454.00
2.4	Above 240 cm girth	3.00	no	14214.35	42643.05
3	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)	1018.50	no	188.75	192241.88
4	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in Charge.	113.12	no	539.35	61011.27
5	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material: All kinds of soil:	53.02	m ³	81.65	4329.08
6	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	249.00	m ³	612.75	152574.75
7	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	266.87	m ³	1320.00	352268.40
8	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	61.65	m ³	4861.84	299732.44
9	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	18.17	m ³	6434.01	116905.96
10	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering with 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	22.30	m ³	5399.02	120398.15
11	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)	48.90	m ³	7800.76	381457.16
12	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)	2.43	m ³	9408.14	22861.78
13	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. upto plinth level	81.67	m ³	7911.26	646112.60
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. above plinth level	278.20	m ³	9302.98	2588089.04
15	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/m ³)	359.87	m ³	111.87	40258.66
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)	154.09	m ³	9849.35	1517686.34
17	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. Thermo-Mechanically Treated bars of grade Fe-500D or more.	66051.20	kg	87.18	5758343.62
17.1	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufactures specification. (1 Kg of Water Pproofing material in 50 Kg of Cement)	3433.15	kg	57.90	198779.39
18	Centering and shuttering including strutting, propping etc. and removal of form for:				
18.1	Foundations, footings, bases of columns etc. for mass concrete.	140.25	m ²	262.30	36787.58
18.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1484.39	m ²	573.85	851817.20
18.3	Suspended floors, roofs, landings, balconies and access platforms	690.03	m ²	635.60	438583.07

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S.No	Item of works	Quantity	Unit	Rate	Amount (Rs)
18.4	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	675.96	m ²	502.85	339906.49
18.5	Columns, pillars, piers, abutments, posts and struts.	481.17	m ²	680.15	327267.78
18.6	Stairs (including landings) except spiral staircases.	41.99	m ²	807.50	33906.93
19	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
19.1	Foundations, footings, bases of columns etc. for mass concrete.	43.44	m ²	0.20	8.69
19.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	536.88	m ²	0.20	107.38
19.3	Suspended floors, roofs, landings, balconies and access platforms.	37.42	m ²	0.20	7.48
19.4	Lintels beams, plinth beams etc.	66.09	m ²	0.20	13.22
19.5	Edges of slabs and breaks in floors and walls	269.80	Rm	242.30	65372.54
20	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).				
20.1	Suspended floors, roofs, landings, beams and balconies (plan area to be measured)	791.04	m ²	267.60	211682.30
21	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)	81.56	m ³	7476.38	609773.55
21.1	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	81.56	m ³	1522.20	124150.63
22	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 AC15)	1111.25	kgs	459.31	510408.24
23	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 AC15)	1471.20	kgs	552.64	813043.97
24	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 floating glass panes of 4.0 mm thickness (weight not less than 10.00 kg / sqm)	38.12	m ²	1072.17	40871.12
25	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.	3000.00	kg	146.63	439890.00
26	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	12781.44	kg	102.14	1305496.28
26	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 80 x 1.25 mm M.S. laths with 1.25 mm thick top cover	5.40	m ²	3238.20	17486.28
27	Providing and fixing ball bearing for rolling shutters.	2.00	no	483.10	966.20
28	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 20 mm nominal size stone aggregate.	570.10	m ²	505.00	287900.50
29	Providing and laying Ceramic glazed floor tiles 300 x 300 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 in charge)	230.73	m ²	1210.66	279335.58
30	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)	296.90	m ²	6175.39	1833473.29
31	Extra for pre finished nosing to treads of steps of marble stone	28.66	m ²	579.31	16603.02
32	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 meter.	28.66	m ²	674.13	19320.57
33	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.	690.33	m ³	198.70	137168.57
34	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	690.33	m ³	59.95	41385.28
35	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	79.98	m ³	787.40	62976.25
36	12 mm Cement plaster finished with a floating coat of neat cement of mix:1 : 3 (1 cement : 3 fine sand)	3888.41	m ²	343.75	1336640.94
37	Applying priming coat:				

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S.No	Item of works	Quantity	Unit	Rate	Amount (Rs)
37.1	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	1555.36	m ²	91.80	142782.05
37.2	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	300.00	m ²	188.80	56640.00
37.3	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	1166.52	m ²	115.45	134674.73
37.4	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.	777.68	m ²	149.05	115913.20
37.5	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	972.10	m ²	172.40	167590.04
37.6	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	465.00	kg	172.90	80398.50
38	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				
38.1	125 mm	12.00	no	66.35	796.20
38.2	100 mm	112.00	no	52.30	5857.60
39	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 :				
39.1	150 x 10 mm	12.00	no	80.38	964.56
39.2	100 x 10 mm	112.00	no	57.25	6412.00
40	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	501.68	m ²	830.25	416519.82
41	Providing ridges or hips of width 60 cm 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	129.70	Rm	691.35	89668.10
42	Providing and fixing plained eaves boarding. 2nd class kail wood (300 x 40 mm (nominal size)	139.60	Rm	998.85	139439.46
43	Providing and fixing of 0.5mm Color GS Sheet Soffit boarding including Backing, supports etc complete job	104.70	m ²	600.00	62820.00
44	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 engineering-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)	10.00	m ²	1072.17	10721.70
45	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. 100 mm dia	270.00	metre	1990.00	537300.00
46	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.	300.00	metre	103.50	31050.00
47	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)	40.00	no	824.55	32982.00
48	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)	12.00	no	1215.55	14586.60
49	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)	12.00	no	1300.00	15600.00
50	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	6.00	no	2125.00	12750.00
51	Providing and carrying out circuit / sub main wiring alongwith earth wire with the following sizes of FRLS PVC insulated Copper Conductor , single core cable in surface / recessed medium class PVC Conduit as required excluding cost of Conduit				
51.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	500.00	no	192.05	96025.00
51.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	250.00	no	230.00	57500.00
52	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete.Confirming to relevant Indian Standards	5.00	no	1550.00	7750.00
53	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	20.00	no	569.25	11385.00
54	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	1179.90

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S.No	Item of works	Quantity	Unit	Rate	Amount (Rs)
55	Supplying and fixing single 5 A to 32 A rating, 240 V, 10 KVA (C) curve, manufacture circuit breaker suitable for inductive load in the MCB DB complete with connections testing and commissioning as	10.00	no	442.75	4427.50
56	Supplying and fixing 3 pin, 5 A ceiling rose of the existing junction box/ wooden block including connections etc as required	50.00	no	74.75	3737.50
57	Supply of 24-Watt LED slim aluminum panel surface type complete in all respects.	16.00	no	600.00	9600.00
58	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	2360.95	7082.85
59	Providing, fitting and testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	10.00	no	1500.00	15000.00
60	I/T/C of pre wired, Wired, fluorescent fitting/ compact fluorescent fitting of all types complet with all accessories and tune / 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	25.00	no	193.20	4830.00
61	I/T/C of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5sq. mm FRLS PVC insulated, Copper Conductor, Single core cable etc. as required	4.00	no	196.65	786.60
62	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.	80.00	metre	325.00	26000.00
63	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. 50 kva	1.00	no	67000.00	67000.00
64	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	no	4250.00	12750.00
65.0	Providing and fitting of:				
65.1	200 Amp. 4 pole Change over of reputed make	3.00	no	11200.00	33600.00
65.2	100 Amp 4 pole change over of reputed make.	3.00	no	7598.00	22794.00
65.3	64 Amp. 4 pole Change over of reputed make	3.00	no	5000.00	15000.00
65.4	32 Amp. 4 pole Change over of reputed make	3.00	no	2500.00	7500.00
65.5	200 Amp 3-phase copper bus bar	3.00	no	7500.00	22500.00
65.6	100 Amp-Copper bus bar	3.00	no	4550.00	13650.00
65.7	64 Amp-Copper bus bar	3.00	no	3750.00	11250.00
65.8	32 Amp-Copper bus bar	3.00	no	2850.00	8550.00
65.90	100 Amp MCCB	8.00	no	3300.00	26400.00
65.10	63 Amp MCCB	8.00	no	2700.00	21600.00
65.11	40 Amp MCCB	8.00	no	2100.00	16800.00
65.12	16 Amp MCCB	16.00	no	1250.00	20000.00
65.13	6 Amp MCCB	20.00	no	630.00	12600.00
65.14	3-phase indicator points	20.00	no	445.00	8900.00
65.15	3-phase voltmeter and Amperemeters	8.00	no	1190.00	9520.00
66	Providing, fitting, testing and commissioning of following items for flash mixer:				
66.1	Mixing device with reduction gear system	1.00	no	2500.00	2500.00
66.2	1.0 HP	2.00	no	4800.00	9600.00
66.3	Foundation/ Base plate	1.00	no	4548.00	4548.00
66.4	Starter along with necessary wiring upto motor	1.00	no	1680.00	1680.00
67	Providing, fitting, testing and commissioning of following itemn for Alum Dosing Unit-				
67.1	Mixing device with reduction gear system.	2.00	no	2500.00	5000.00
67.2	1.0 HP	2.00	no	4800.00	9600.00
67.3	Foundation / Base plate	1.00	no	4548.00	4548.00
67.4	Starter along with necessary wiring upto motor	1.00	no	1680.00	1680.00
67.5	P.V.C outlet, overflow system with fittings upto point of application	4.00	no	530.00	2120.00
67.6	150mm dia drain out let	2.00	no	1350.00	2700.00
67.7	50 mm dia Service water piping.	2.00	no	530.00	1060.00
67.8	Constant dozing unit with time device	2.00	no	1500.00	3000.00
67.9	Manually operated hoist	1.00	no	10000.00	10000.00
67.1	Providing, fitting, testing and commissioning of following itemns for Chlorine Dosing Unit-				
67.11	Mixing device with reduction gear system.	2.00	no	2500.00	5000.00
67.12	1.0 HP	2.00	no	4800.00	9600.00
67.13	Foundation / Base plate.	1.00	no	4548.00	4548.00
67.14	P.V.C outlet, overflow system with fittings upto point of application.	4.00	no	530.00	2120.00
67.15	Starter along with necessary wiring upto motor	1.00	no	1680.00	1680.00
67.16	150 mm dia Drain out let	1.00	no	1350.00	1350.00
67.17	50mm dia service water piping	2.00	no	530.00	1060.00
67.18	Constant dozing unit with time device.	2.00	no	1500.00	3000.00

HD

AAD

S. S.

S.No	Item of works	Quantity	Unit	Rate	Amount (Rs)
68	Providing fitting, testing and comissioning of air blower standard make ISI mark capable of providing compression @ 0.35 kgs/sqcm coupled with suitable 3 phase induction electric motor complete with auxiliary pipe system upto filter beds with pressure guage, Nozzles, foundation block, base plate, air check valve, return valve, Starter etc. (16.80 KLPM Air blower with 15 HP Motor.)	2.00	no	175400.00	350800.00
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, nonreturn valves, foundation block, base plate, suction pipe, suitable rising main with nominal dia 50mm (class-B) with heavey duty valves and other accessories required for the job. Pumping unit with 12.5 HP Motor.	2.00	no	46486.00	92972.00
70	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.	8608.00	kg	147.00	1265376.00
71	Providing and fixing D.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.				
71.1	80 mm dia. Class 1	1.00	no	10815.00	10815.00
71.2	100 mm dia. Class 1	1.00	no	13164.00	13164.00
71.3	150 mm dia. Class 1	2.00	no	20243.00	40486.00
71.4	200 mm dia. Class 1	2.00	no	31698.00	63396.00
71.5	250 mm dia. Class 1	2.00	no	50356.00	100712.00
71.6	300 mm dia. Class 1	1.00	no	62066.00	62066.00
71.7	350 mm dia. Class 1	1.00	no	147031.00	147031.00
72	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.				
72.1	350 mm dia.	1.00	no	181060.00	181060.00
72.2	100 mm dia.	3.00	no	17210.00	51630.00
72.3	150 mm dia.	1.00	no	26720.00	26720.00
72.4	200 mm dia.	1.00	no	42300.00	42300.00
72.5	250 mm dia.	2.00	no	66440.00	132880.00
72.6	300 mm dia.	10.00	no	83100.00	831000.00
73	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	2800.00	kg	102.14	285992.00
74	Central axle turn table with double bearing and guide for incoming cable	2.00	no	4800.00	9600.00
75	Peripheral drive assembly with following motors, gear box, rollers, drive trolly (60:1 reduction gear box).				
75.1	Pumping unit with 7.5 HP Motor.	2.00	no	33115.00	66230.00
75.2	Starter along with necessary wiring upto motor	1.00	no	1680.00	1680.00
76	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
76.1	1.0 HP	2.00	no	7300.00	14600.00
76.2	Incoming cable, telescopic electric pole with rotary current collector	1.00	no	6500.00	6500.00
77	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS : 8328				
77.1	100 mm dia	6.00	metre	1108.15	6648.90
77.2	150 mm dia	6.00	metre	1581.25	9487.50
77.3	200 mm dia	6.00	metre	1947.00	11682.00
77.4	250 mm dia	12.00	metre	2504.80	30057.60
77.5	300 mm dia	12.00	metre	3129.20	37550.40
78	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.	2.00	quintal	7823.70	15647.40
79	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work)				
79.1	20 mm dia. nominal bore	30.00	metre	204.45	6133.50
79.2	25 mm dia. nominal bore	40.00	metre	298.15	11926.00
79.3	50 mm dia. nominal bore	15.00	metre	559.35	8390.25
79.4	80 mm dia. nominal bore	12.00	metre	840.00	10080.00
79.5	100 mm dia. nominal bore	12.00	metre	1234.95	14819.40
80	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.				
80.1	80 mm dia. pipe	2.00	no	1100.00	2200.00
80.2	100 mm dia. pipe	12.00	no	1520.00	18240.00
80.3	150 mm dia. pipe	10.00	no	2150.00	21500.00
80.4	200 mm dia. Pipe	6.00	no	3480.00	20880.00
80.5	250 mm dia. Pipe	6.00	no	5030.00	30180.00
80.6	300 mm dia. Pipe	12.00	no	7710.00	92520.00

HD

APD

S/E

S.No	Item of works	Quantity	Unit	Rate	Amount (Rs)
81	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)	400.00	m	281.85	112740.00
82	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	28.35	m ³	7700.00	218295.00
83	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	47.25	m ³	7968.00	376488.00
84	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND:				
85	Sand from Shilvat Shadipora to site of work for an average lead of 37 kms	479.89	m ³	571.26	274141.96
86	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40 mm :				
87	Aggregate from Wuyan to site of work for an average lead of 23 kms	732.77	m ³	432.08	316615.26
88	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40 mm and above :				
89	Aggregate from Wuyan to site of work for an average lead of 23 kms	75.55	m ³	469.58	35476.77
90	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement:				
91	Cement from Chadoora to site of work for an average lead of 5 kms	338.92	tonne	183.36	62144.37
92	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks:				
93	Bricks from Budgam to site of work for an average lead of 45 kms	40778.50	no	1.74	70954.59
93.1	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Steel/ CGI Sheets:				
94	Steel/CGI Sheets from Shopian to site of work for an average lead of 5 kms	100.50	tonne	183.36	18427.68
95	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - wood:				
95.1	Wood from Shopian to site of work for an average lead of 5 kms	1.68	m ³	235.74	396.04
96	Applying priming coat:				
97	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works	250.00	m ²	52.75	13187.50
98	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel work (second coat)	250.00	m ²	28.90	7225.00
99	Providing and applying of swellable type water stop tape, 19mm x 25mm thick in linear meter (expansive nature) for construction joints treatment of RCC structure such as raft slab, retaining walls, water storage tank and at the junctions of raft slab with the retaining walls etc.. After cleaning the surface, one coat of required primer for swellable water stop tape shall be applied throughout the length of the joint @3.78 litre per 240 running meter. Over the primed surface swellable type water stop tape shall be placed. The work shall be carried out all complete as per specification and the direction of the Engineer-In-Charge. The product performance shall carry guarantee for 10 years against any leakage	45.22	rm	547.60	24762.47
		Total			31182787.100
		Add 8% on all Items			2494622.96
(Three Crore Thirty Six Lac Seventy Seven Thousand Four Hundred and ten only)		Grand Total			33677410.00

HD

AO

Superintending Engineer
Hydraulic Circle Pul. HQ Shopian