

OFFICE OF THE EXECUTIVE ENGINEER (JSD) PHE DIVISION

BARAMULLA

Email: kmrphebla@gmail.com (FAX) 01952234575 (Tel) 01952234244



Allotment Order No. 51 of 2023

Dated: 07-09-2023

Name of the agency/ contractor	M/s Shabir Ahmad Reshi
Address	Baghi Sunder Payeen Dareish Kadal Srinagar
Registration No.	CE/I&FC/Sgr/04/AAY/Civil & San 2019-20
Contact/ Email	9419408173
Name of work	Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (Cost Includes Pre-Settling Tank, Flash Mixer, Clariflocculator, Filter House, Separate Back Wash Tank and Wash Water Disposable Chamber for Water Supply Scheme Behrampora under JJM
References	33 of 08 2023-24 Dated. 09.08.2023
Accord of administrative approval No. & date	CE/PHE/DB/JJM/256/of 09/ 2022 Dated: 15-09-2022
Allotted Cost	Rs. 1,35,61,372.00 lacs (Rupees One Crore Thirty Five lac sixty one thousand three hundred & Seventy two Only)
Time of completion	120 days

For and on behalf of Lt. Governor of Jammu and Kashmir Union Territory, the above noted work is hereby allotted to you on quoted rates given in the Annexure "A" t this allotment, on the terms and conditions given here under :

Conditions:

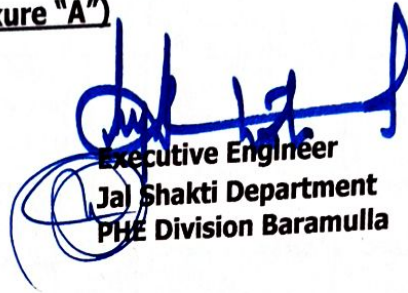
01. Time of completion is essence of the contract.
02. The work shall have to be started by you at site immediately & ensure its successful completion within a period of **120** days from the date of issuance of allotment from this office strictly in accordance with the approved proposals failing which the work shall have to be got executed through any other means at your risk and cost, besides CDR deposited by you as security against this contract shall be forfeited.
03. An agreement shall have to be drawn up by you with the department within a period of 07 days from the date of issuance of allotment failure to execute such a formal deed shall not however prevent the contract from being enforced upon you.
04. The allotted works shall be subject to Check by the third party monitoring agency appointed by the Department.
05. Payment shall be released as per actual / measured work done not less than 20% of the allotted cost on a monthly basis.
06. Performance security equivalent to 03% of the value of the contract shall have to be deposited by you in shape of CDR/FDR/Bank Guarantee within one week of issuance of allotment order & Valid for a period of 03 months beyond the expiry of warranty period of the contract.
07. The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of the works. If during warranty period any malfunctioning / defects arise, you shall have to rectify the same within a period of 10 days of receipt of intimation. In case of any failure on your part, the department may get the defects removed/

repaired by any other means and cost thereof shall be recovered from you and shall be recommended for further punitive action as governed under the relevant clause of the contract including black listing.

08. After testing and commissioning of works you shall have to make a trial run of the works for a period of 03 months during which you have to operate and maintain the executed works to the full satisfaction of the department.
09. The defective liability period shall be for a period of 12 months and shall commence after the successful completion of trial run.
10. Pre & post Geo-tagged photographic evidence be taken during the execution of the work and shall have to be produced at the time of submission of the bill.
11. Date of start of the work within 07 days from the date of issue of this letter. However date of start for laying and fitting of pipes will start within 02 days of issuance of pipe material by the department.
12. All other terms and conditions shall be applicable as laid down in Standard bid Document & PWD form No. 25/33.
13. Any rules/ terms and conditions if no stipulated in the bidding document, shall be strictly dealt in accordance with the relevant rules/ guidelines stipulated in General Financial Rules (GFR-2017 and manual for procurement of works 2019 G.O.I).

(Encl: Annexure "A")

No. 6583-96
Dt. 08-09-2023


Executive Engineer
Jal Shakti Department
PHE Division Baramulla

Copy to the :-


- 1/- Mission Director, Mission Directorate Jal Jeevan Mission J&K Civil Secretariat Srinagar/ Jammu for information.
- 2/- Chief Engineer Kashmir PHE Department Srinagar for favour of information.
- 3/- District Development Commissioner Baramulla (Chairperson DJJM) for favour information.
- 4/- Distt. Superintending Engineer Hydraulic Circle Bla/Bpr HQ Sopore (Member Secretary DJJM) for information. This is with reference to his authorization no. SE/hyd/db/6188-6201 dated. 28.08.2023
- 5/- Additional District Development Commissioner Baramulla (Member DJJM) for information.
- 6/- Assistant Commissioner Development Baramulla (Member DJJM) for information.
- 7/- Divisional Forest Officer Baramulla (Member DJJM) for information.
- 8/- Chief Planning Officer Baramulla (Member DJJM) for information.
- 9/- Chief Medical Officer Baramulla (Member DJJM) for information.
- 10/- District Social Welfare Officer Baramulla/ District Tribal Welfare Officer Baramulla (Member DJJM) for information.
- 11/- District Information Officer Baramulla (Member DJJM) for information.
- 12/- Asstt. Ex. Engineer PHE Sub Division Watergam, for information.
- 13/- File Concerned.

Annexure "A"
 Name of work: -
 Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (cost includes PST, Flash Mixer, Calarificulator, Filter House, Separate Back Wash Tank and Wash Water Disposable Chamber including Electro_Mechanical components for WSS Behrampora under JJM)

S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
1	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	Sqm	1000.00	5.776	5775.50
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)	Cum	793.97	188.750	149861.84
3	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
3.1	All kinds of soil :	Cum	68.22	539.350	36794.46
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	Cum	202.10	198.700	40157.27
4A	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5 km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	Cum	750.00	272.450	204337.50
5	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	Cum	78.19	1320.000	103210.80
6	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	Cum	2.70	7700.000	20790.00
7	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	Cum	4.50	7968.000	35856.00
8	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.	Sqm	1000.00	21.939	21939.00
9	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	Cum	7.90	787.400	6220.46
10	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
10.1	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	Cum	30.61	6434.010	196945.05
10.2	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	10.89	5399.020	58795.33
10.3	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cum	23.55	4861.835	114496.21
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				
11.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	27.39	7800.760	213662.82
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.				

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S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
12.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	23.27	9408.135	218927.30
13	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:				
13.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	42.42	9849.345	417809.21
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.				
14.1	All works upto plinth level	Cum	34.05	7911.255	269378.23
14.2	All works above plinth level upto floor V level	Cum	95.21	9302.975	885736.25
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/cum)	Cum	129.26	111.870	14460.32
16	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	Quintal	219.74	1074.370	236082.06
17	Centering and shuttering including strutting, propping etc. and removal of form for:				
17.1	Foundations, footings, bases of columns etc. for mass concrete.	sqm	75.00	262.300	19672.50
17.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	sqm	936.81	573.850	537588.42
17.3	Suspended floors, roofs, landings, balconies and access platforms.	sqm	242.49	635.600	154126.64
17.4	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	sqm	118.33	502.850	59502.24
17.5	Columns, pillars, piers, abutments, posts and struts.	sqm	221.93	680.150	150945.69
17.6	Stairs (excluding landings) except spiral staircases.	sqm	51.16	807.500	41311.70
17.7	Edges of slabs and breaks in floors and walls	m	261.09	242.300	63262.11
18	Extra for shuttering in circular work :				
18.1	Foundations, footings, bases of columns etc. for mass concrete.	sqm	11.92	52.460	625.32
18.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	sqm	191.36	114.770	21962.39
18.3	Suspended floors, roofs, landings, balconies and access platforms.	sqm	18.46	127.120	2346.64
18.4	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	sqm	16.57	100.570	1666.44
19	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).				
19.1	Suspended floors, roofs, landings, beams and balconies (plan area to be measured)	sqm	510.96	267.600	136732.90
20	Providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (1 kg of water proofing material in 50 kg of cement)	kgs	1292.61	57.900	74842.12



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S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
21	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.				
21.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	23065.60	87.175	2010743.68
22	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				
22.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	20.50	7111.313	145781.91
23	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	Cum	20.50	1522.198	31205.05
24	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.				
24.1	Using M.S. angles 40x40x6mm for diagonal braces.	sqm	1.00	4352.950	4352.95
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.				
25.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	5500.00	146.630	806465.00
26	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.				
26.1	M.S. tube	Kg	500.00	172.900	86450.00
27	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.				
27.1	Welded	Kg	3000.00	102.135	306405.00
28	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				
28.1	80x1.25 mm M.S. laths with 1.25 mm thick top cover	sqm	3.45	3238.200	11171.79
28.2	Providing and fixing ball bearing for rolling shutters.	each	2.00	483.100	966.20
29	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.				
29.1	50 mm thick with 20mm nominal size stone aggregate.	sqm	149.62	505.000	75558.10
30	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				
30.1	In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	sqm	108.81	1210.663	131732.19

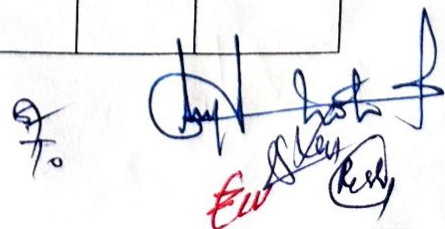
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S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
31	Flooring with marble stone of specified thickness as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including skirting in vertical, rubbing, polishing and curing complete with:				
31.1	Makrana White Second quality (16mm)	✓	✓	✓	
31.2	Extra for pre finished nosing to treads of steps of marble stone	sqm	100.57	6175.385	621058.47
32	12mm Cement plaster finished with a floating coat of neat cement of mix:	m ²	25.00	579.313	14482.81
32.1	1:3 (1 cement : 3 fine sand)	✓	✓	✓	
33	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT 15mm Cement plaster on the rough side of single or half brick wall of mix:	sqm	507.24	343.750	174363.75
33.1	1:4 (1 cement : 4 fine sand)	✓	✓	✓	
34	Applying priming coat:	sqm	382.88	300.450	115036.30
34.1	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel work (second coat)	sqm	250.00	28.900	7225.00
35	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				
35.1	On steel work	✓	✓	✓	
35.2	On concrete work	sqm	250.00	188.800	47200.00
36	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with water thinnable cement primer.	sqm	250.00	183.430	45857.50
37	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	✓	✓	✓	
37.1	125 mm	each	30.00	66.350	1990.50
37.2	100 mm	each	70.00	52.300	3661.00
38	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 :	✓	✓	✓	
38.1	150x10 mm	each	8.00	80.350	642.80
38.2	100x10 mm	each	104.00	57.350	5964.40
39	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.				
39.1	0.50 mm thick with zinc coating not less than 275 gram/m2	sqm	86.00	830.250	71401.50
40	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	✓	✓	✓	
40.1	0.63 mm thick with zinc coating not less than 275 gram/m2	m	32.00	691.350	22123.20
41	Providing and fixing of 0.5mm Color GS Sheet Soffit boarding including Backing, supports etc complete job	m	42.45	600.000	25470.00
42	Providing and fixing plained eaves boarding. (II Class kail Wood)	✓	✓	✓	
42.1	250x32 mm (nominal size)	m	35.00	693.900	24286.50
43	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.				

To

S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
43.1	2 mm thick	sqm	200.00	172.400	34480.00
44	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work)				
44.1	15 mm dia. nominal bore	m	30.00	163.550	4906.50
44.2	25 mm dia. nominal bore	m	30.00	298.150	8944.50
44.3	50 mm dia. nominal bore	m	50.00	559.350	27967.50
44.4	80 mm dia. nominal bore	m	36.00	840.000	30240.00
45	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.				
45.1	80 mm dia. Class 1	Each	2.00	10815.000	21630.00
45.2	100 mm dia. Class 1	Each	1.00	13164.000	13164.00
46	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)				
46.1	Up to 300 mm dia.	Quintal	5.00	7823.700	39118.50
47	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.				
47.1	80 mm dia. pipe	Joint	10.00	1100.000	11000.00
47.2	200 mm dia. pipe	Joint	20.00	3480.000	69600.00
47.3	250 mm dia. pipe	Joint	25.00	5030.000	125750.00
47.4	300 mm dia. pipe	Joint	10.00	7710.000	77100.00
48	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	Sqm	61.50	800.000	49200.00
49	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.)				
49.1	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.)				
49.1.1	Anodized aluminum (Anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC 15)	Kg	600.00	552.640	331584.00
50	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.)				
50.1	With float glass panes of 5.0 mm thickness (weight not less than 12.50 kg / sqm)	sqm	35.00	1395.955	48858.43
51	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				



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S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
51.1	75 mm dia	m	60.00	1420.000	85200.00
52	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND: for 10 Kms				
52.1	5 Km	Cum	132.30	206.276	27290.25
52.2	Beyond 5 km upto 10 km per km	Cum	132.30	14.916	9866.60
53	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm: for 40 Kms				
53.1	5 km	Cum	237.30	206.276	48949.18
53.2	Beyond 5 km upto 10 km per km	Cum	237.30	14.916	17697.24
53.3	Beyond 10 km upto 20 km per km	Cum	237.30	12.144	28817.71
53.4	Beyond 20 km per additional km	Cum	237.30	9.936	47156.26
54	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above: for 40 Kms				
54.1	5 Km	Cum	21.20	224.204	4753.12
54.2	Beyond 5 km upto 10 km per km	Cum	21.20	16.215	1718.79
54.3	Beyond 10 km upto 20 km per km	Cum	21.20	13.202	2798.82
54.4	Beyond 20 km per additional km	Cum	21.20	10.764	4563.94
55	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement/ Steel: for 55 Kms				
55.1	5 Km	Tonne	164.54	183.356	30169.40
55.2	Beyond 5 km upto 10 km per km	Tonne	164.54	13.260	10908.59
55.3	Beyond 10 km upto 20 km per km	Tonne	164.54	10.799	17767.85
55.4	Beyond 20 km per additional km	Tonne	164.54	8.832	50862.60
56	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks: 85 Kms				
56.1	5 Km	Nos	10250.00	0.550	5638.08
56.2	Beyond 5 km upto 10 km per km	Nos	10250.00	0.040	2038.65
56.3	Beyond 10 km upto 20 km per km	Nos	10250.00	0.032	3319.36
56.4	Beyond 20 km per additional km	Nos	10250.00	0.027	17660.62
57	ELECTRICAL ITEM(S) :- 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.	Mtr	100.00	103.500	10350.00
58	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)	Point	30.00	1215.550	36466.50
59	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)	Point	5.00	1300.000	6500.00
60	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)				
60.1	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	m	100.00	192.050	19205.00
61	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.	No.	10.00	569.250	5692.50

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S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
62	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	No.	5.00	74.750	373.75
63	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	No.	3.00	1550.000	4650.00
64	Providing, fitting and testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	No.	6.00	1500.000	9000.00
65	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.	m	100.00	325.000	32500.00
66	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.				
66.1	30 KVA	Job	1.00	47000.000	47000.00
67	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.	Job	1.00	4250.000	4250.00
68	Providing and fitting of:				
68.1	200 Amp. 4 pole Change over of reputed make	No	1.00	11200.000	11200.00
68.2	32 Amp-Copper bus bar	No	15.00	2850.000	42750.00
68.3	16 Amp MCCB	No	20.00	1250.000	25000.00
68.4	3-phase indicator points	No	10.00	445.000	4450.00
68.5	3-phase voltmeter and Amperemeters	No	6.00	1190.000	7140.00
69	MECHANICAL ITEM(S) :- 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				
69.1	50 mm dia	m	50.00	530.000	26500.00
70	Providing, fitting, testing and commissioning of following items for Flash Mixer:				
70.1	Mixing device with reduction gear system	Set	2.00	2500.000	5000.00
70.2	3-phase Electrically driven motor:				
70.2.1	1.0 HP	No	2.00	4800.000	9600.00
70.3	Foundation \ Base plate	Set	2.00	4548.000	9096.00
70.4	Starter along with necessary wiring upto motor	No	9.00	1680.000	15120.00
71	Providing, fitting, testing and commissioning of following itemn for Alum Dosing Unit-				
71.1	Mixing device with reduction gear system.	Set	1.00	2500.000	2500.00
71.2	3-phase electrically driven motors:				
71.2.1	1.0 HP	No	1.00	4800.000	4800.00
71.3	Foundation / Base plate	Set	1.00	4548.000	4548.00
71.4	Starter along with necessary wiring upto motor	No	1.00	1680.000	1680.00
71.5	P.V.C outlet, overflow system with fittings upto point of application	Lot	1.00	530.000	530.00
71.6	Constant dosing unit with time device	Set	1.00	1500.000	1500.00
72	Providing, fitting, testing and commissioning of following itemns for Chlorine Dosing Unit-				
72.1	Mixing device with reduction gear system.	Set	1.00	2500.000	2500.00
72.2	3-phase electrically driven motors:				
72.2.1	1.0 HP	No	1.00	4800.000	4800.00
72.3	Foundation / Base plate.	Set	1.00	4548.000	4548.00

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S No.	Description of Work / Item(S)	Unit	Qty	Esstt. Rate	Amount (In Rs)
72.4	P.V.C outlet, overflow system with fittings upto point of application.	Lot	1.00	530.000	530.00
72.5	Starter along with necessary wiring upto motor	No	1.00	1680.000	1680.00
72.6	Constant dozing unit with time device.	Set	1.00	1500.000	1500.00
73	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.				
73.1	100 mm dia.	Each	6.00	17210.000	103260.00
73.2	150 mm dia.	Each	10.00	26720.000	267200.00
73.3	200 mm dia.	Each	5.00	42300.000	211500.00
73.4	300 mm dia.	Each	2.00	83100.000	166200.00
74	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 auxilary pipe system upto filter beds with pressure guage, Nozzles, foundation block, base plate, air check valve, non- return valve, Starter etc				
74.1	8.2 KLPM Air blower with 7.5 HP Motor.	No	2.00	125000.000	250000.00
75	Up Wash Arrangements				
75.1	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 heavey duty valves and other accessories required for the job.				
75.1.1	Pumping unit with 7.5 HP Motor.	Set	2.00	29115.000	58230.00
76	P/F testing and commissioning of MS Rotating Desludging Bridge comprising of following items:				0.00
76.1	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.				
76.1.1	Welded				
77	Central axle turn table with double bearing and guide for incoming cable.	Kg	1000.00	102.135	102135.00
78	Peripheral drive assembly with following motors, gear box, rollers, drive trolly (60:1 reduction gear box).	Set	2.00	4800.000	9600.00
78.1	Pumping unit with 7.5 HP Motor.				
79	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.	Set	1.00	33115.000	33115.00
79.1	1.0 HP				
80	Incoming cable, telescopic electric pole with rotary current collector	No	1.00	7300.000	7300.00
81	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS : 8329	Set	2.00	6500.000	13000.00
81.1	150 mm dia				
81.2	200 mm dia	m	18.00	1581.250	28462.50
82	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.	m	30.00	1947.000	58410.00
		Kg	1500.00	147.000	220500.00

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Description of Work / Item(s)	Unit	Qty	Unit Rate	Amount (Rs Rs.)
Total Amount				12,000.00
Grand Total @ 10% above of total				13,200.00
Total payable to				13,200.00
Date				12/12/2020

Notes checked


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 P. S. D. S. S.
 Director