

# OFFICE OF EXECUTIVE ENGINEER JSD DIVISION HANDWARA

M/S: Mubashir Shabir Wani  
S/O: Shabir Ahmad Wani  
R/o : Housing Colony Bemina Srinagar  
Regd No: 927/AYY/Civil/Sanitary/CE/KCC/PDC/2009-10  
GST No : 01ABIPW6965D1ZH  
Cell No.7006617792



No: - PHE/Hand/ 2884-86 Date: 17, 11, 2023

Adv. Cost : - Rs 103.80 Lacs

Allotted Cost:-Rs.9131755.00/-

(Ninety One Lakh Thirty One Thousand Seven Hundred Fifty Five Only)

Time of Completion 180 days

Sub : Construction and successful testing and commissioning of 0.08 M.G.D Rapid Sand Filtration Plant comprising of Clariflocculator, Flashmixer, Filter House, backwash tank and Electro-Mechanical components.WSS Takiya Shanu under JJM.

Ref:- Your tender in response to this office E-NIT No.17 /PHE /Hand 08/2023 of S.No.09 issued under this Office No.1470-81 of 09-08-2023

2. District Development Commissioner Kupwara's authorization No. DDCK/Plg/JJM/5087-99 Dtd.18-09-2023

3. Accord No.CE/PHE/DB/246 of 08/2022 dtd 31-08-2022

4. Technical Sanction Order No.CE/PHE/DB/238 of 08/2022 dtd 31-08-2022

5. Letter of Intent No.PHE/Hand/2061-64 Dtd. 12-09-202

For and on behalf of Governor of Jammu & Kashmir UT State, contract for the above subjected work, is here by fixed with you on the negotiated / following rates, terms and conditions which are reproduced as under:

S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
1	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	759.76	100 sqm	577.55	4388.01
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)				
2.1	Flash Mixer	1.98	Cum		0.00
2.2	Flocculator	30.14	Cum		0.00
2.3	Flocculator Central Portion	9.42	Cum		0.00
2.4	Flocculator Inlet/Washout Pipe	18.00	Cum		0.00
2.6	Back wash Tank	37.50	Cum		0.00
2.7	Filter House	112.50	Cum		0.00
2.8	Filter House Porch Portion	9.00	Cum		0.00
2.9	Washout Chamber	14.13	Cum		0.00
2.10	Washout Pipe	105.00	Cum		0.00
	Total	337.68	Cum	188.75	63736.66
3	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.				0.00
3.2	Flash Mixer	0.95	Cum		0.00
3.3	Flocculator	30.91	Cum		0.00
3.4	Back wash Tank	29.44	Cum		0.00
3.5	Filter House	87.99	Cum		0.00
3.6	Total Earthwork Washout chamber	14.13	Cum		0.00
	Deduct Soling	-1.32	Cum		0.00
	Deduct PCC	-0.66	Cum		0.00
	Deduct Raft	-1.32	Cum		0.00
	Deduct Chamber underground part	-6.23	Cum		0.00
	Washout Pipe	84.00	Cum		0.00
	Total	237.89	Cum	198.70	47269.62
4	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.				0.00
4.2	Flash Mixer	0.40	Cum		0.00
4.3	Flocculator	7.35	Cum		0.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
4.4	Flocculator Sides Cushion	2.41	Cum		0.00
4.5	Flocculator Inlet/Washout Pipe	1.80	Cum		0.00
4.6	Back wash Tank	2.40	Cum		0.00
4.7	Filter House	9.73	Cum		0.00
4.8	Filter House Porch Portion	0.86	Cum		0.00
4.9	Filter House Boulder Filling in Rooms etc	11.70	Cum		0.00
5	Filter House Boulder Filling Gallery Portion etc	7.05	Cum		0.00
5.1	Washout Chamber	1.32	Cum		0.00
	Total	45.01	Cum	1320.00	59418.87
5	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	2.70	Cum	7700.00	20790.00
6	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	4.50	Cum	7968.00	35856.00
7	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete				0.00
7.1	Filter House Below Filter Bed	5.52	Cum		0.00
7.2	Filter House in rooms	3.12	Cum		0.00
7.3	Filter House in rooms	1.88	Cum		0.00
7.4	Flash Mixer	0.88			0.00
	Total	11.40	Cum	787.40	8976.36
8	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				0.00
8.1	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)				0.00
8.1.2	Filter House for Manifold	1.68	Cum		0.00
8.1.3	Filter House Concrete below Alum/Bleaching tanks with Stair	7.00	Cum		0.00
8.1.4	Filter House Outside Main Stair	3.12	Cum		0.00
	Total	11.80	Cum	6434.01	75921.32
8.2	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)				0.00
8.2.1	Filter House Concrete below Plinth Beam	1.57	Cum		0.00
8.2.2	Filter House Concrete below Plinth Beam	0.87	Cum		0.00
8.2.3	Filter House Concrete below Plinth Beam	1.12	Cum		0.00
8.2.4	Filter House Concrete below Plinth Beam	0.77	Cum		0.00
	Total	4.32	Cum	5399.02	23348.06
8.3	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)				0.00
8.3.2	Flash Mixer	0.20	Cum		0.00
8.3.3	Flocculator	3.67	Cum		0.00
8.3.4	Back wash Tank	1.20	Cum		0.00
8.3.5	Filter House	4.86	Cum		0.00
8.3.6	Filter House Porch Portion	0.43	Cum		0.00
8.3.7	Washout Chamber	0.66	Cum		0.00
	Total	11.03	Cum	4861.84	53608.47
9	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				0.00
9.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)				0.00
9.1.1	Flash Mixer	0.43	Cum		0.00
9.1.2	Back wash Tank Raft	2.59	Cum		0.00
9.1.3	Back wash Tank Raft	1.87	Cum		0.00
9.1.4	Filter House	16.21	Cum		0.00
9.1.5	Filter House Porch Portion	1.43	Cum		0.00
9.1.6	Channel Column	3.04	Cum		0.00
9.1.7	Washout Chamber Raft	1.32	Cum		0.00
	Total	26.89	Cum	7800.76	209763.82

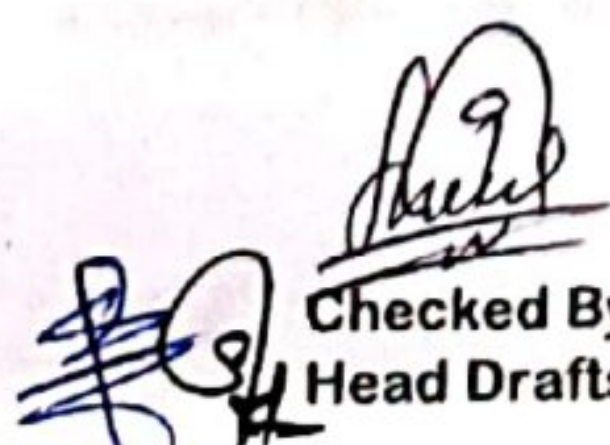
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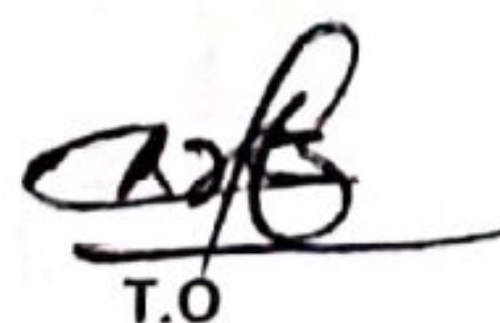
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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
10	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				0.00
10.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)				0.00
10.1.1	Flocculator Columns	0.83	Cum		0.00
10.1.2	Back Wash Columns	8.67	Cum		0.00
10.1.3	Filter House Columns	12.35	Cum		0.00
10.1.4	Washout Chamber Walls	3.04	Cum		0.00
	Total	24.88	Cum	9408.14 ✓	234104.50
11	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:				0.00
11.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)				0.00
	Flash Mixer	0.49	Cum		0.00
	Flocculator Slab on Central Barrel	0.08	Cum		0.00
	Flocculator Beams on Columns	0.80	Cum		0.00
	Flocculator Beams on Outer Walls	1.89	Cum		0.00
	Back wash Tank Beams	4.13	Cum		0.00
	Back Wash Tank Bracket Beam for Stair	1.35	Cum		0.00
	Back Wash Tank Top Slab	1.49	Cum		0.00
	Back Wash Tank Top Slab Bottom Beam (B4)	0.15	Cum		0.00
	Back Wash Tank Top Beams on Walls	0.72	Cum		0.00
	Back Wash Tank Stair Landings	1.08	Cum		0.00
	Back Wash Tank Stair Slab	3.04	Cum		0.00
	Back Wash Tank Stair Steps	1.46	Cum		0.00
	Filter House Plinth Beams PB1	1.18	Cum		0.00
	Filter House Plinth Beams PB1	0.58	Cum		0.00
	Filter House Plinth Beams PB2	0.25	Cum		0.00
	Filter House Plinth Beams PB2	1.22	Cum		0.00
	Filter House Beams First Floor	2.11	Cum		0.00
	Filter House Beams First Floor	0.96	Cum		0.00
	Filter House Beams First Floor	1.25	Cum		0.00
	Filter House Slab First Slab	6.28	Cum		0.00
	Filter House Slab First Slab Porch	0.64	Cum		0.00
	Deduct Opening of Filter Bed Top	-0.61	Cum		0.00
	Deduct Opening of Stair	-0.56	Cum		0.00
	Filter House 2nd Floor Beams	1.46	Cum		0.00
	Filter House 2nd Floor Beams	0.66	Cum		0.00
	Filter House 2nd Floor Beams	0.86	Cum		0.00
	Filter House 2nd Floor Slab	8.65	Cum		0.00
	Filter House 2nd Floor Slab Porch	0.45	Cum		0.00
	Filter House Stair Landing	0.30	Cum		0.00
	Filter House Stair Slab	2.03	Cum		0.00
	Filter House Steps	0.63	Cum		0.00
	Washout Chamber Slab	0.62	Cum		0.00
	Total	45.63	Cum	9849.35 ✓	449428.86

  
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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
12	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.				0.00
12.1	All works upto plinth level				0.00
	Flocculator Central Raft	1.76	Cum		0.00
	Flocculator Raft	8.32	Cum		0.00
	Flocculator Raft Sides	1.33	Cum		0.00
	Filter Bed Raft	1.84	Cum		0.00
	Filter House Alum/Bleaching tank raft	1.20	Cum		0.00
	Total	14.46	Cum	7911.26 ✓	114376.44
12.2	All works above plinth level upto floor V level				0.00
	Flash Mixer Walls	1.57	Cum		0.00
	Flash Mixer Central Slab	0.07	Cum		0.00
	Flocculator Central Barrel	0.83	Cum		0.00
	Flocculator Outer Walls	11.82	Cum		0.00
	Flocculator Launder Channel Slab	1.73	Cum		0.00
	Flocculator Launder Channel Vertical	0.97	Cum		0.00
	Back wash Tank Bottom Slab	2.38	Cum		0.00
	Back wash Tank Beam at Bottom Slab	0.19	Cum		0.00
	Back Wash Tank Walls	6.75	Cum		0.00
	Filter House Walls Long	6.02	Cum		0.00
	Filter House Walls Short	3.82	Cum		0.00
	Filter House Gullet Walls	1.72	Cum		0.00
	Filter House Wash Water Trough Slab	0.24	Cum		0.00
	Filter House Wash Water Trough Side walls	0.12	Cum		0.00
	Filter House Pipe Gallery Walls sides	1.89	Cum		0.00
	Filter House Pipe Gallery Walls	2.03	Cum		0.00
	Filter House Pipe Gallery Clear Water Chamber	0.76	Cum		0.00
	Filter House Pipe Gallery Clear Water Chamber	0.61	Cum		0.00
	Filter House Alum/Bleaching tank Walls	2.93	Cum		0.00
	Filter House Alum/Bleaching tank Walls	0.45	Cum		0.00
	Filter House Water Channel/Launder Slab	0.98	Cum		0.00
	Filter House Water Channel/Launder Side walls	1.50	Cum		0.00
	Total	49.36	Cum	9302.98 ✓	459201.69
13	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)	63.82	Cum	111.87 ✓	7139.34
14	Centering and shuttering including strutting, propping etc. and removal of form for:				0.00
14.1	Foundations, footings, bases of columns etc. for mass concrete.				0.00
	Flash Mixer				
	Flocculator Central Raft	1.04	sqm		0.00
	Flocculator Main Raft	2.10	sqm		0.00
	Back wash Tank Raft	4.82	sqm		0.00
	Filter House Raft	5.76	sqm		0.00
	Filter House Raft	4.75	sqm		0.00
	Washout Chamber	3.41	sqm		0.00
	Total	1.82	sqm		0.00
14.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	23.70	sqm	262.30 ✓	6217.45
					0.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
	Flash Mixer	20.91	sqm		0.00
	Flocculator Central Barrel	16.67	sqm		0.00
	Flocculator Outer Walls	135.06	sqm		0.00
	Back wash Tanks inside/outside	64.50	sqm		0.00
	Filter House Walls Outer	54.80	sqm		0.00
	Filter House Walls Inner	54.80	sqm		0.00
	Filter House Partition Walls	17.60	sqm		0.00
	Filter House Gullet Walls	21.12	sqm		0.00
	Filter House Pipe Gallery Walls	20.00	sqm		0.00
	Filter House Pipe Gallery Walls	27.00	sqm		0.00
	Filter House Pipe Gallery Clear Water Chamber	10.08	sqm		0.00
	Filter House Pipe Gallery Clear Water Chamber	8.16	sqm		0.00
	Filter House Alum/Bleaching tank Walls	39.00	sqm		0.00
	Filter House Alum/Bleaching tank Walls	6.00	sqm		0.00
	Filter House Water Channel/Laundry Slab	6.50	sqm		0.00
	Filter House Water Channel/Laundry Side walls	26.00	sqm		0.00
	Filter House Concrete below Plinth Beam	10.44	sqm		0.00
	Filter House Concrete below Plinth Beam	5.79	sqm		0.00
	Filter House Concrete below Plinth Beam	7.44	sqm		0.00
	Filter House Concrete below Plinth Beam	5.16	sqm		0.00
	Washout Chamber	40.51	sqm	573.85 ✓	342901.09
	Total	597.54	sqm		0.00
14.3	Suspended floors, roofs, landings, balconies and access platforms.				0.00
	Flash Mixer	3.30	sqm		0.00
	Flocculator Laundry Channel Slab	11.54	sqm		0.00
	Flocculator Laundry Channel Vertical	19.47	sqm		0.00
	Flocculator Slab on Central Barrel	0.79	sqm		0.00
	Back wash Tank Bottom Slab	8.12	sqm		0.00
	Back wash Tank Top Slab	8.12	sqm		0.00
	Back Wash Tank Stair Landings	4.05	sqm		0.00
	Filter House 1st Floor Slab	37.00	sqm		0.00
	Filter House 1st Floor Slab Front Porch	5.10	sqm		0.00
	Deduct Cut Out for Filter Bed Top	-4.90	sqm		0.00
	Deduct Cut Out for Stair	-4.50	sqm		0.00
	Filter House 2nd Floor	69.23	sqm		0.00
	Filter House 2nd Floor Slab Porch	3.60	sqm		0.00
	Filter House Stair Landing	2.00	sqm		0.00
	Filter House Stair Landing	3.14	sqm		0.00
	Washout Chamber Slab	166.05	sqm	635.60 ✓	105542.31
	Total				0.00
14.4	Lintel, beams, plinth beams, girders, bressumers and cantilevers.				0.00
	Flocculator Beams on Columns	7.44	sqm		0.00
	Flocculator Beams on Walls	12.58	sqm		0.00
	Back Wash Tank Beams (Sides)	55.08	sqm		0.00
	Back Wash Tank Beams (Bottom)	9.18	sqm		0.00
	Back Wash Tank Beam Below Tank	1.28	sqm		0.00
	Back Wash Tank Beam Below Top Slab	1.00	sqm		0.00
	Back Wash Tank Beam at top of walls	16.56	sqm		0.00
	Back Wash Tank Bracket Beam for Stair	12.00	sqm		0.00
	Filter House Plinth Beams PB1	7.86	sqm		0.00
	Filter House Plinth Beams PB1	3.87	sqm		0.00
	Filter House Plinth Beams PB2	3.28	sqm		0.00
	Filter House Plinth Beams PB2	8.15	sqm		0.00
	Filter House Beams First Floor	14.04	sqm		0.00
	Filter House Beams First Floor	6.37	sqm		0.00
	Filter House Beams First Floor	8.32	sqm		0.00
	Filter House 2nd Floor Beams	9.72	sqm		0.00
	Filter House 2nd Floor Beams	4.41	sqm		0.00
	Filter House 2nd Floor Beams	5.76	sqm		0.00
	Total	186.59	sqm	502.85 ✓	93824.90
14.5	Columns, pillars, piers, abutments, posts and struts.				0.00
	Flocculator Columns	16.29	sqm		0.00
	Back Wash Tank Columns	77.04	sqm		0.00
	Filter House Columns	161.28	sqm		0.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
	Total	254.61	sqm	680.15 ✓	173172.99
14.6	Stairs (excluding landings) except spiral staircases.				0.00
	Bank Wash Tank Stair Bottom	22.50	sqm		0.00
	Bank Wash Tank Stair Steps	10.84	sqm		0.00
	Filter House Stair Slab	13.50	sqm		0.00
	Filter House Stair Steps	4.50	sqm		0.00
	Total	51.34	sqm	807.50 ✓	41453.82
14.70	Extra for shuttering in circular work (20% of respective centering and Shuttering items)		sqm	0.20 ✓	0.00
	Foundations, footings, bases of columns etc. for mass concrete.	7.96	Sqm	52.46 ✓	417.58
	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	172.65	sqm	114.77 ✓	19814.90
	Suspended floors, roofs, landings, balconies and access platforms.	35.09	sqm	127.12 ✓	4460.83
	Lintels Beams	19.71	sqm	100.57 ✓	1982.37
14.80	Edges of slabs and breaks in floors and walls				0.00
	Flash Mixer	6.44	m		0.00
	Filter House	220.00	m		0.00
	Total	226.44	m	242.30 ✓	54865.69
15	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).				0.00
15.1	Suspended floors, roofs, landings, beams and balconies (plan area to be measured)				0.00
	Back wash Tank Bottom Slab	49.85	sqm		0.00
	Filter House 2nd Floor Slab	92.72	sqm		0.00
	Total	142.57	sqm	267.60 ✓	38151.06
16	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)				0.00
	Flash Mixer	14.48	Cum		0.00
	Flocculator	158.00	Cum		0.00
	Back Wash Tank	63.38	Cum		0.00
	Filter House	177.41	Cum		0.00
	Total Qty	413.27	Kg	57.90 ✓	23928.34
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 all complete upto plinth level.				0.00
17.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.				0.00
	Flash Mixer	210.00	Kg		0.00
	Flocculator	3073.00	Kg		0.00
	Back Wash Tank	4377.00	Kg		0.00
	Filter House	10100.00	Kg		0.00
	Washout Chamber	370.00	Kg		0.00
	Total	18130.00	Kg	87.18 ✓	1580482.75
18	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				0.00
18.1	Cement mortar 1:4 ( 1 cement : 4 coarse sand)				0.00
	Flocculator Inside Wall	2.38	Cum		0.00
	Filter House Ground Floor	5.27	Cum		0.00
	Filter House Ground Floor	2.81	Cum		0.00
	Filter House Ground Floor	3.63	Cum		0.00
	Filter House Ground Floor	2.34	Cum		0.00
	Filter House First Floor	8.59	Cum		0.00
	Filter House First Floor	5.75	Cum		0.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
	Filter House First Floor	1.55	Cum		0.00
	Filter House First Floor Porch Side	3.64	Cum		0.00
	Deduct Opening Doors	-2.70	Cum		0.00
	Deduct Opening Windows	-6.23	Cum		0.00
	Total	27.02	Cum	7476.38 ✓	202015.90
19	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level				0.00
	Flocculator Inside Wall	2.38	Cum		0.00
	Filter House	27.02	Cum	1522.20 ✓	44751.24
	Total	29.40	Cum		0.00
21	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.				0.00
21.1	Second nail wood (30 mm thick shutter)	12.00	sqm		0.00
	Filter House Doors	27.67	sqm		0.00
	Filter House Windows	39.67	sqm	2489.75 ✓	98762.16
	Total				0.00
22	Providing and fixing fly proof wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions all complete. With Galvanized M.S. Wire gauge with wire of dia 0.63 mm, With 2nd class teak wood beading 62x19 mm				0.00
	Filter House Doors	12.00	Sqm		0.00
	Filter House Windows	27.67	Sqm	1274.05 ✓	50538.38
	Total	39.67	sqm		0.00
23	4 mm thick glass pane (weighing not less than 10 kg/sqm)				0.00
	Glass Lid on Clear Water Chambers	3.00	Sqm	1768.05 ✓	5304.15
	Total	3.00	sqm		0.00
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.				0.00
24.1	Using M.S. angles 40x40x6mm for diagonal braces.	1.44	sqm		0.00
	Back Wash Tank Man Hole Cover	5.76	sqm		0.00
	Lid on Wash Water Chambers	7.20	sqm	4352.95 ✓	31341.24
	Total				0.00
24.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.				0.00
	Washout Chamber		Kg		0.00
	PST and Flocculator	950.00	Kg	146.63 ✓	139298.50
	Total				0.00
25	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				0.00
25.1	Filter House/Back Wash Tank hand Rail (40mm dia bore)	540.00	Kg	172.90 ✓	93366.00
	Total	540.00	Kg		0.00
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.				0.00
26.1	Welded				0.00
	Filter House Truss	3086.00	Kg		0.00
	Base Plate etc	150.00	Kg		0.00
	Gusset Plate with bolts	750.00	Kg		0.00
	Total	3986.00	Kg	102.14 ✓	407110.11

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
27	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-I and M.S. top cover of required thickness for rolling shutters				0.00
27.1	80x1.25 mm M.S. laths with 1.25 mm thick top cover	5.00	sqm	3238.20 ✓	16191.00
27.2	Providing and fixing ball bearing for rolling shutters.	2.00	each	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.				0.00
28.1	50 mm thick with 20mm nominal size stone aggregate.				0.00
	Filter House Rooms	15.60	Sqm		0.00
	Filter House Gallery Portion	9.40	Sqm		0.00
	Plinth Protection	11.70	Sqm		0.00
	Plinth Protection	7.08	Sqm		0.00
	Total	43.78	sqm	505.00 ✓	22108.90
29	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				0.00
29.1	In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	85.00	sqm	1210.66 ✓	102906.31
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:				0.00
30.1	Makrana White Second quality (16mm)	80.15	sqm	6175.39 ✓	494957.11
31	12mm Cement plaster finished with a floating coat of neat cement of mix:				0.00
31.1	1 : 4 ( 1 cement : 4 fine sand)				0.00
	Flash Mixer Outer Walls	9.89	sqm		0.00
	Flash Mixer Inner Bottom	0.44	sqm		0.00
	Flash Mixer Inner Walls	4.71	sqm		0.00
	Flash Mixer Top Slab	8.67	sqm		0.00
	Flocculator Walls Outer/ Inner	147.27	sqm		0.00
	Flocculator Brick Walls	40.82	sqm		0.00
	Flocculator Central Barrel Outer Walls	11.56	sqm		0.00
	Flocculator Channel Slab/Walls	49.61	sqm		0.00
	Flocculator Floor	33.17	sqm		0.00
	Filter House Walls Outer/Inner	308.00	sqm		0.00
	Deduct Opening Doors	-24.00	Cum		0.00
	Deduct Opening Windows	-55.34	Cum		0.00
	Filter House Chemical Room	13.77	sqm		0.00
	Filter House Stair Hall	16.74	sqm		0.00
	Filter Bed Portion	34.02	sqm		0.00
	Filter House Wash Water Trough	3.60	sqm		0.00
	Filter House Gullet Walls	24.00	sqm		0.00
	Filter House Pipe Gallery Main Wall	13.50	sqm		0.00
	Filter House Alum Disposing Room	27.54	sqm		0.00
	Filter House Working Floor Entry Wall	17.28	sqm		0.00
	Filter House Inlet Channel Slab	40.00	sqm		0.00
	Back Wash Tank (Tank portion Inner Side/Outer Side)	76.38	sqm		0.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
	Back Wash Tank Columns	170.86	sqm		0.00
	Washout Chamber Raft	3.14	sqm		0.00
	Washout Walls	18.84	sqm		0.00
	Total	994.46	sqm	325.45 ✓	323648.58
32	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)				0.00
	Flash Mixer	15.04	sqm		0.00
	Clariflocculator	208.43	sqm		0.00
	Back Wash Tank (Tank portion)	39.33	Sqm		0.00
	Total	262.81	sqm	91.80 ✓	24125.57
33	Applying priming coat:				0.00
33.1	With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)				0.00
	Filter House Doors/ Windows	45.42	Sqm	59.50 ✓	2702.49
34	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel galvanized iron/steel works				0.00
	Filter House	170.00	sqm	52.75 ✓	8967.50
35	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture				0.00
	Filter House	45.42	sqm	179.80 ✓	8166.52
36	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				0.00
36.1	On steel work				0.00
	Back Wash Tank Hand Rail/ Lid	55.00	Sqm		0.00
	Filter House	170.00			0.00
	Total	225.00	sqm	188.80 ✓	42480.00
36.2	On concrete work				0.00
	Back Wash Tank (Tank Portion Outer)	39.33	sqm		0.00
	Flash Mixer	15.04	sqm		0.00
	Clariflocculator	208.43	sqm		0.00
	Filter House	270.00	sqm		0.00
	Total	532.81	sqm	183.43 ✓	97732.56
37	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.				0.00
	Filter House	383.33	sqm	149.05 ✓	57135.34
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				0.00
38.1	125 mm	20.00	each	66.35 ✓	1327.00
38.2	100 mm	20.00	each	52.30 ✓	1046.00
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 :				0.00
39.1	150x10 mm	12.00	each	80.35 ✓	964.20
39.2	100x10 mm	40.00	each	57.35 ✓	2294.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
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.				0.00
40.1	0.50 mm thick with zinc coating not less than 275 gram/m2				0.00
	Filter House	97.16	sqm	830.25 ✓	80667.09
41	Providing ridges or hips of width 60cm overall width plain G.S. sheets fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete				0.00
41.1	0.50 mm thick with zinc coating not less than 275 gram/m2	30.00	m	626.70 ✓	18801.00
42	Providing and fixing plained eaves boarding. 2nd class kail wood				0.00
42.1	300x40 mm (nominal size)	40.00	m	998.85 ✓	39954.00
43	Providing and fixing of 0.5mm Color GS Sheet Soffit boarding including Backing, supports etc complete job	80.19	m	600.00 ✓	48114.00
44	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.				0.00
44.1	80 mm dia. Class 1	3.00	Each	10815.00 ✓	32445.00
44.2	150 mm dia. Class 1	1.00	Each	20243.00 ✓	20243.00
44.3	200 mm dia. Class 1	3.00	Each	31698.00 ✓	95094.00
45	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.				0.00
45.1	150 mm dia. pipe	20.00	Joint	2150.00 ✓	43000.00
45.2	200 mm dia. pipe	8.00	Joint	3480.00 ✓	27840.00
46	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge				0.00
46.1	Back Wash Tank	15.00	sqm		0.00
46.2	Clariflocculator	20.00	sqm		0.00
46.3	Filter House	26.86	sqm		0.00
	Total	61.86	Sqm	800.00 ✓	49488.00
47	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.) For fixed portion				0.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
47.1	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.)				0.00
47.2	Anodized aluminum (Anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC 15)				0.00
	Filter House Cover on Chambers	55.00	Kg		0.00
	Filter House Doors	99.00	Kg		0.00
	Filter House Windows	300.30	Kg	552.64 ✓	251064.35
	Total	454.30	Kg		0.00
48	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.)				0.00
48.1	With float glass panes of 5.0 mm thickness (weight not less than 12.50 kg / sqm)				0.00
	Filter House Doors	12.00	sqm		0.00
	Filter House Windows	27.67	sqm		0.00
	Filter House Cover on Chambers	15.00	sqm	1395.96 ✓	76313.37
	Total	54.67	Sqm		0.00
49	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				
	50 mm dia	75.00	m	530.00 ✓	39750.00
50	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND: Avg 45Kms				0.00
	Total Qty of Sand		Unit		0.00
	1:4:8 Mix		Cum		0.00
	1:2:4 Mix		Cum		0.00
	1:3:6 Mix		Cum		0.00
	1:1½:3		Cum		0.00
	M-30 Design Mix		Cum		0.00
	Brick Masonry		Sqm		0.00
	12mm Plaster 1:4 Mix		Sqm		0.00
	Flooring 1:2:4 Mix 50mm thick		Sqm		0.00
	Marble Flooring		Sqm		0.00
	Ceramic Tile Flooring		Cum		0.00
	Total Qty of Sand	119.51	Cum	206.28 ✓	24652.68
50.1	5 Km	119.51	Cum	14.92 ✓	1782.60
50.2	Beyond 5 km upto 10 km per km	119.51	Cum	12.14 ✓	1451.37
50.3	Beyond 10 km upto 20 km per km	119.51	Cum	9.94 ✓	1187.48
50.4	Beyond 20 km per additional km				0.00
51	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm : Avg 45 Kms				0.00
	Total Qty of 20mm aggregates		Unit		0.00
	1:1½:3		Cum		0.00
	M-30 Design Mix		Cum		0.00
	Flooring 1:2:4 Mix 50mm thick		Cum		0.00
	Total Qty of 20mm aggregates		Cum		0.00
51.1	5 km	147.07	Cum	206.28 ✓	30336.89
51.2	Beyond 5 km upto 10 km per km	147.07	Cum	14.92 ✓	2193.62
51.3	Beyond 10 km upto 20 km per km	147.07	Cum	12.14 ✓	1786.02
51.4	Beyond 20 km per additional km	147.07	Cum	9.94 ✓	1461.29

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
52	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above : Avg 45 Kms				0.00
	Total Qty of 40mm aggregates		Unit		0.00
	1:4:8 Mix		Cum		0.00
	1:2:4 Mix		Cum		0.00
	1:3:6 Mix		Cum		0.00
	Total Qty of 40mm aggregates		Cum		0.00
52.1	5 Km	24.44	Cum	224.20 ✓	5478.60
52.2	Beyond 5 km upto 10 km per km	24.44	Cum	16.22 ✓	396.23
52.3	Beyond 10 km upto 20 km per km	24.44	Cum	13.20 ✓	322.60
52.4	Beyond 20 km per additional km	24.44	Cum	10.76 ✓	263.03
53	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Steel/ CGI Sheets: Avg 45 Kms.				0.00
	Total Qty of Steel		Tonne		0.00
53.1	5 Km	23.07	Tonne	183.36 ✓	4229.29
53.2	Beyond 5 km upto 10 km per km	23.07	Tonne	13.26 ✓	305.84
53.3	Beyond 10 km upto 20 km per km	23.07	Tonne	10.80 ✓	249.08
53.4	Beyond 20 km per additional km	23.07	Tonne	8.83 ✓	203.72
54	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement: Avg 45 Kms.				0.00
	Total Qty of Cement		Unit		0.00
	1:4:8 Mix		Cum		0.00
	1:2:4 Mix		Cum		0.00
	1:3:6 Mix		Cum		0.00
	1:1½:3		Cum		0.00
	M-30 Design Mix		Cum		0.00
	Brick Masonry		Sqm		0.00
	12mm Plaster 1:4 Mix		Sqm		0.00
	Flooring 1:2:4 Mix 50mm thick		Sqm		0.00
	Marble Flooring		Sqm		0.00
	Ceramic Tile Flooring		Sqm		0.00
	Total Qty of Cement		Cum		0.00
54.1	5 Km	79.27	Tonne	183.36 ✓	14534.94
54.2	Beyond 5 km upto 10 km per km	79.27	Tonne	13.26 ✓	1051.10
54.3	Beyond 10 km upto 20 km per km	79.27	Tonne	10.80 ✓	856.02
54.4	Beyond 20 km per additional km	79.27	Tonne	8.83 ✓	700.13
55	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks: Avg 60 Kms.	12835.00	No	2.11 ✓	27081.85
55.0	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.	100.00	m	103.50 ✓	10350.00
56.0	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)	20.00	Point	824.55 ✓	16491.00
57.0	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)	5.00	Point	1300.00 ✓	6500.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
58.0	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
59.0	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.	1.00	No.	442.75	442.75
60.0	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	5.00	No.	74.75	373.75
61.0	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	1.00	No.	2125.00	2125.00
62.0	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	1.00	No.	1550.00	1550.00
63.0	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.	10.00	No.	193.20	1932.00
64.0	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)	1.00	No.	2360.95	2360.95
65.0	Providing, fitting and testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	3.00	No.	1500.00	4500.00
66.0	Providing and laying of armoured cable 95mm, 3.5 core for main service line of reputed make in P.V.C pipes of required dia to accommodate the service line including bends etc., from main transformer to the main panel board including copper thimbles, earth work excavation and filling for laying of cable complete.	100.00	m	325.00	32500.00
67.0	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.				0.00
67.1	25 KVA	1.00	Job	42000.00 ✓	42000.00
68.0	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.	1.00	Job	4250.00 ✓	4250.00
69.0	Providing and fitting of:				0.00
69.1	200 Amp. 4 pole Change over of reputed make	1.00	No	11200.00 ✓	11200.00
69.2	32 Amp-Copper bus bar	6.00	No	2850.00 ✓	17100.00
69.3	16 Amp MCCB	15.00	No	1250.00 ✓	18750.00
69.4	3-phase indicator points	5.00	No	445.00 ✓	2225.00
69.5	3-phase voltmeter and Amperemeters	5.00	No	1190.00 ✓	5950.00
Mechanical Items					0.00
70.0	Providing, fitting, testing and commissioning of following items for Flash Mixer:				0.00
70.1	Mixing device with reduction gear system	1.00	Set	2500.00 ✓	2500.00
70.2	3-phase Electrically driven motor:				0.00
70.3	1.0 HP	1.00	No	4800.00 ✓	4800.00
70.4	Foundation \ Base plate	1.00	Set	4548.00 ✓	4548.00
70.5	Starter along with necessary wiring upto motor	1.00	No	1680.00 ✓	1680.00

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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
71.0	Providing, fitting, testing and commissioning of following itemn for Alum Dosing Unit-				0.00
71.1	Mixing device with reduction gear system.	1.00	Set	2500.00 ✓	2500.00
71.2	3-phase electrically driven motors:				0.00
71.3	1.0 HP	1.00	No	4800.00 ✓	4800.00
71.4	Foundation / Base plate	1.00	Set	4548.00 ✓	4548.00
71.5	Starter along with necessary wiring upto motor	1.00	No	1680.00 ✓	1680.00
72.0	P.V.C outlet, overflow system with fittings upto point of application	3.00	Lot	530.00 ✓	1590.00
72.1	50 mm dia Service water piping.	3.00	Lot	530.00 ✓	1590.00
72.2	Manually operated hoist	1.00	Set	10000.00 ✓	10000.00
73.0	Providing, fitting, testing and commissioning of following itemns for Chlorine Dosing Unit-				0.00
73.1	Mixing device with reduction gear system.	1.00	Set	2500.00 ✓	2500.00
73.2	3-phase electrically driven motors:				0.00
73.3	1.0 HP	1.00	No	4800.00 ✓	4800.00
73.4	Foundation / Base plate.	1.00	Set	4548.00 ✓	4548.00
73.5	P.V.C outlet, overflow system with fittings upto point of application.	3.00	Lot	530.00 ✓	1590.00
73.6	Starter along with necessary wiring upto motor	1.00	No	1680.00 ✓	1680.00
73.7	50mm dia service water piping	2.00	Lot	530.00 ✓	1060.00
74.0	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.				0.00
74.1	150 mm dia.	8.00	Each	26720.00 ✓	213760.00
75.0	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 , non- return valve, Starter etc				0.00
75.1	4.2 KLPM Air blower with 5.0 HP Motor.	1.00	No	87500.00 ✓	87500.00
75.2	Up Wash Arrangements				0.00
76.0	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.				0.00
76.1	Pumping unit with 5.0 HP Motor.	1.00	Set	20268.00 ✓	20268.00
76.2	P/F testing and commissioning of MS Rotating Desludging Bridge comprising of following items:				0.00
77.0	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.				0.00
77.1	Welded	1350.00	Kg	102.14 ✓	137882.25
78.0	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				0.00
78.1	On steel work	30.00	sqm	188.80 ✓	5664.00

Checked By  
Head Draftsman

T.O

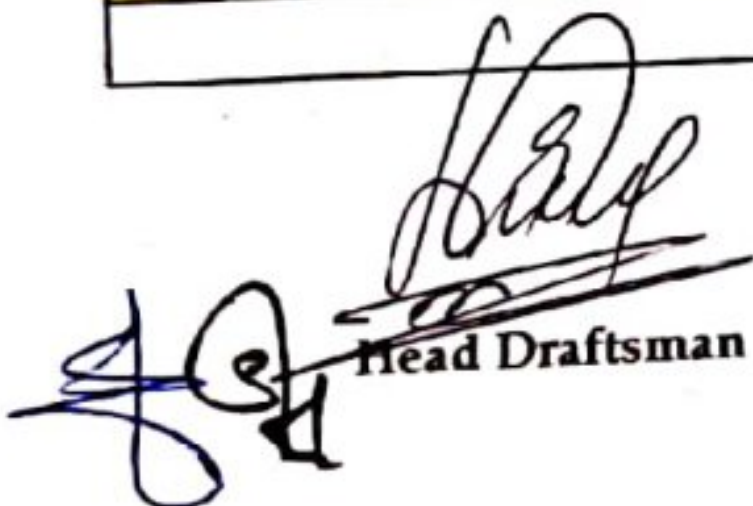
Takiya Shanu RSFP Page No. 14

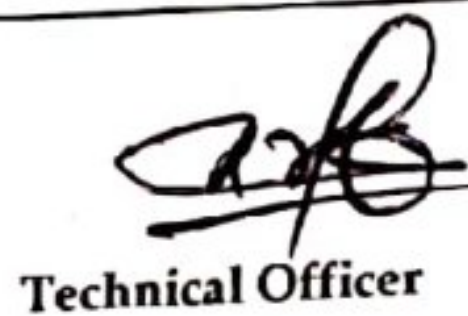


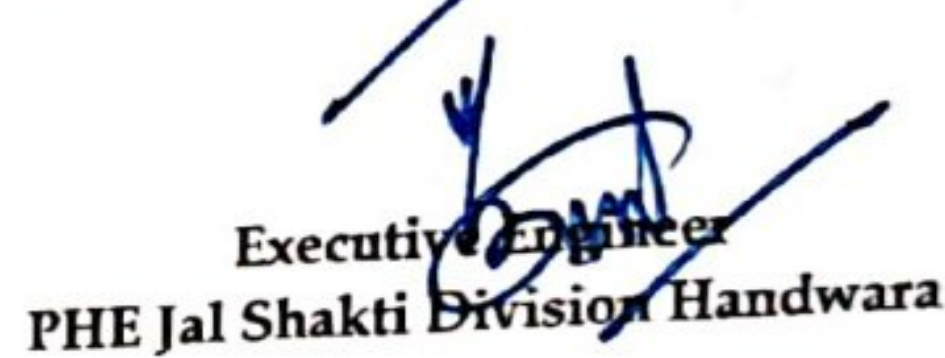
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S.No.	Description of Work Items	Qty	Unit	Alloted Rate in Rs	Amount in Rs
78.2	Central axle turn table with double bearing and guide for incoming cable.	1.00	Set	4800.00 ✓	4800.00
78.3	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				0.00
78.4	Pumping unit with 5.0 HP Motor.	1.00	Set	24268.00 ✓	24268.00
78.5	Starter along with necessary wiring upto motor	1.00	No	1680.00 ✓	1680.00
79.0	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.		Set		0.00
79.1	1.0 HP	1.00	No	7300.00 ✓	7300.00
79.2	Incoming cable, telescopic electric pole with rotary current collector	1.00	Set	6500.00 ✓	6500.00
80.0	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.	850.00	Kg	147.00 ✓	124950.00
Total Amount					8455328
Add 8% Above for Contractor's Appreciation					676426
Total Allotted Cost					9131755

  
Head Draftsman

  
Technical Officer

  
Executive Engineer  
PHE Jal Shakti Division Handwara

Copy to the:-

1. Distt. Superintending Engineer Hydraulic circle Kupwara H/Q Handwara for information.
2. Assistant Executive Engineer PHE Sub-Division Ramhall/Handwara for information with the direction as the Letter of Intent has already been issued and the work shall be completed within stipulated time.
3. M.File