

OFFICE OF THE EXECUTIVE ENGINEER PHE DIVISION

BARAMULLA

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

Allotment Order No. 17 of 11/2024 **Dated:** 08-11-2024

Name of the agency/ contractor	Mubashir Shabir Wani
Address	Bemina Srinagar
Registration No.	927/AYY (CIVIL SANITARY) CE/ KCC/ PDC/ 2009-10
Contact/ Email	Mubashirwani1@gmail.com
Name of work	Construction and successful testing and commissioning of 0.11 MGD RSFP (cost includes PST, Flash Mixer, Clarifloculator, Filter house, separate Back wash tank and Wash water Disposable Chamber) WSS Pachhar Hudipora under JJM
References	This office ENIT 33 of 08/2023 Dated: 09-08-2023 of 06/2021 (S.No 02)
Accord of administrative approval No. & date	CE/PHE/DB/JJM/256 of 09/2022 Dated: 05-09-2022
Allotted Cost	Rs. 1,39,26,497/- (Rupees One Crore thirty nine lac twenty six thousand four hundred ninety seven 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 :

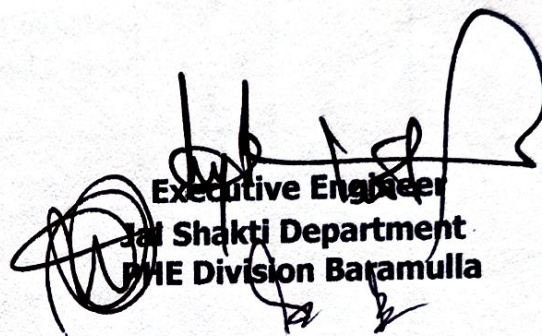
Conditions:

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. 4670-83
Dt. 9-11-2024


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.
- 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 Baramulla, for information.
- 13/- Head Draftsman for information
- 13/- File Concerned.

of work: Construction and successful testing and commissioning of 0.11 MGD RSFP (Post includes PST, Flash Mixer, Clarifloculator, Filter House, Separate Back Wash Tank & Wash Water Disposable Chamber). WSS Pachhar Hudpura under JJM

No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
1	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	100 sqm	10	577.550	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	1016.56	188.750	191875.70
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	242.29	539.350	130679.11
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	392.28	198.700	77946.04
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	94.68	1320.000	124977.60
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	2.7	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	4.5	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.	100 sqm	10	2193.900	21939.00
9	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	Cum	8.5	787.400	6692.90
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	75.08	6434.010	483065.47
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	31.92	4861.835	155189.77

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S.No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
	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	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	25.03	7800.760	195253.02
2	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.				
3.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	18.81	9408.135	176967.02
3	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:				
3.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	42.21	9849.345	415740.85
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	37.64	7911.255	297779.64
14.2	All works above plinth level upto floor V level	Cum	95.4	9302.975	887503.82
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	133.03	111.870	14882.07
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	106.43	1074.370	114345.20

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Sl. No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
	Centering and shuttering including strutting, propping etc. and removal of form for:				
1	Foundations, footings, bases of columns etc. for mass concrete.	sqm	64	262.300	16787.20
2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	sqm	1046.1	573.850	600304.49
3	Suspended floors, roofs, landings, balconies and access platforms.	sqm	237.54	635.600	150980.42
4	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	sqm	118.33	502.850	59502.24
5	Columns, pillars, piers, abutments, posts and struts.	sqm	201.91	680.150	137329.09
6	Stairs (excluding landings) except spiral staircases.	sqm	51.16	807.500	41311.70
10	Extra for shuttering in circular work				
10	Foundations, footings, bases of columns etc. for mass concrete.	sqm	11.92	52.460	625.32
20	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	sqm	191.36	114.770	21962.39
30	Suspended floors, roofs, landings, balconies and access platforms.	sqm	18.46	127.120	2346.64
40	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	sqm	16.57	100.570	1666.44
100	Edges of slabs and breaks in floors and walls	m	260.99	242.300	63237.88
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)	sqm	510.96	267.600	136732.90
21	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	1330.3	57.900	77024.37
22	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.				
22.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	24000	87.175	2092200.00
23	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				
23.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	22.29	7476.380	166648.51
24	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	Cum	22.29	1522.198	33929.78
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.				

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	Description of Work / Item(s)	Unit	Qty	Rate	Amount
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	5229.07	146.630	766738.53
	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	Kg	385.06	172.900	66576.87
	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	Kg	6186.7	102.135	631878.60
	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				
1	80x1.25 mm M.S. laths with 1.25 mm thick top cover	sqm	4.94	3238.200	15996.71
2	Providing and fixing ball bearing for rolling shutters.	each	2	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	143.86	505.000	72649.30
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	84.04	1210.663	101744.08
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)	sqm	100.76	6175.385	622231.79
31.2	Extra for pre finished nosing to treads of steps of marble stone	m	25	579.313	14482.81

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No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
32	12mm Cement plaster finished with a floating coat of neat cement of mix:				
32.1	1 : 3 (1 cement : 3 fine sand)	sqm	1153.81	343.750	396622.19
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:				
33.1	1 : 4 (1 cement : 4 fine sand)	sqm	382.81	300.450	115015.26
34	Applying priming coat:				
34.1	With ready mixed red oxide Zinc Chromate primer of approved brand and manufacture on steel work (second coat)	sqm	406	28.900	11733.40
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	sqm	406	188.800	76652.80
35.2	On concrete work	sqm	480	183.430	88046.40
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	300	149.050	44715.00
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	10	66.350	663.50
37.2	100 mm	each	45	52.300	2353.50
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	20	80.350	1607.00
38.2	100x10 mm	each	85	57.350	4874.75
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	110.5	830.250	91742.63

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S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
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	l	1	l	
40.1	0.63 mm thick with zinc coating not less than 275 gram/m ²	m	32	691.350	22123.20
41	Providing and fixing plained eaves boarding. 2nd class kail wood	l	l	l	
41.1	250x32 mm (nominal size)	m	35.7	693.900	24772.23
42	Providing and fixing of 0.5mm Color GS Sheet Soffit boarding including Backing, supports etc complete job	m l	42.45 l	600.000 l	25470.00
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.	l	l	l	
43.1	2 mm thick	sqm	350	172.400	60340.00
44	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work)				
44.1	65 mm dia. nominal bore	m l	23.5 l	711.700 l	16724.95
44.2	100 mm dia. nominal bore	m l	72 l	1234.950 l	88916.40
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 l	10815.000 l	21630.00
45.2	100 mm dia. Class 1	Each	2 l	13164.000 l	26328.00
46	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.				
46.1	100 mm dia. pipe	Joint l	15 l	1520.000 l	22800.00
46.2	150 mm dia. pipe	Joint l	30 l	2150.000 l	64500.00
46.3	200 mm dia. pipe	Joint l	10 l	3480.000 l	34800.00
47	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	71.7	800.000	57360.00

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S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
48	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.)				
48.1	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.)				
48.1.1	Anodized aluminum (Anodized transparent or dyed to required shade according to IS:1868, minimum anodic coating of grade AC 15)	Kg	580	552.640	320531.20
49	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.)				
49.1	With float glass panes of 5.0 mm thickness (weight not less than 12.50 kg / sqm)	sqm	25	1395.955	34898.88
50	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				
50.1	75 mm dia	m	40.00	1420.000	56800.00
51	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - SAND: Avg 15 kms				
51.1	5 Km	Cum	170.32	206.276	35132.84
51.2	Beyond 5 km upto 10 km per km	Cum	170.32	14.916	25404.08
52	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate below 40mm : Avg 40kms				
52.1	5 km	Cum	267.8	206.276	55240.58
52.2	Beyond 5 km upto 10 km per km	Cum	267.8	14.916	19971.85

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S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
52.3	Beyond 10 km upto 20 km per km	Cum	267.8	12.144	32521.63
52.4	Beyond 20 km per additional km	Cum	267.8	9.936	53217.22
53	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Aggregate 40mm and above : Avg 40 kms				
53.1	5 Km	Cum	28.73	224.204	6441.38
53.2	Beyond 5 km upto 10 km per km	Cum	28.73	16.215	2329.28
53.3	Beyond 10 km upto 20 km per km	Cum	28.73	13.202	3792.93
53.4	Beyond 20 km per additional km	Cum	28.73	10.764	6184.99
54	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Steel: Avg 55 Kms				
54.1	5 Km	Tonne	60	183.356	11001.36
54.2	Beyond 5 km upto 10 km per km	Tonne	60	13.260	3977.85
54.3	Beyond 10 km upto 20 km per km	Tonne	60	10.799	6479.10
54.4	Beyond 20 km per additional km	Tonne	60	8.832	18547.20
55	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Cement: Avg 55 kms				
55.1	5 Km	Tonne	125.35	183.356	22983.67
55.2	Beyond 5 km upto 10 km per km	Tonne	125.35	13.260	8310.39
55.3	Beyond 10 km upto 20 km per km	Tonne	125.35	10.799	13535.92
55.4	Beyond 20 km per additional km	Tonne	125.35	8.832	38748.19
56	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Earth:				0.00
56.1	upto 03 Km	cum	610	215.740	131601.40
57	Carriage of materials by mechanical transport including loading, unloading, stacking of materials - Bricks: Avg 70 kms				
57.1	5 Km	1000 Nos	11.15	550.057	6134.40
57.2	Beyond 5 km upto 10 km per km	1000 Nos	11.15	39.779	2217.65
57.3	Beyond 10 km upto 20 km per km	1000 Nos	11.15	32.384	3610.82
57.4	Beyond 20 km per additional km	1000 Nos	11.15	26.508	14777.93
58	Carriage of materials by manual means including loading, unloading, stacking of materials- (Sand) <i>Avg. 500 mtrs</i>				
58.1	1st 50m	Cum	170.32	209.898	35749.83
58.2	Beyond 1st 50m	Cum	170.32	411.309	70054.15
59	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate Below 40mm <i>Avg. 500 mtrs</i>				
59.1	1st 50m	Cum	267.8	209.898	56210.68
59.2	Beyond 1st 50m	Cum	267.8	411.309	110148.55
60	Carriage of materials by manual means including loading, unloading, stacking of materials- Aggregate 40mm and Above <i>Avg. 500 mtrs</i>				
60.1	1st 50m	Cum	28.73	226.918	6519.35

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Scope of work: Construction and successful testing and commissioning of 0.11 MGD RSFP (which includes PST, Flash Mixer, Clarifloculator, Filter House, Separate Back Wash Tank & Wash Water Disposable Chamber). WSS Pachhar Hudpura under JJM

S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
60.2	Beyond 1st 50m	Cum	28.73	444.636	12774.39
61	Carriage of materials by manual means including loading, unloading, stacking of materials- Steel <i>Avg. 500 metre</i>				
61.1	1st 50m	Tonne	60	261.096	15665.76
61.2	Beyond 1st 50m	Tonne	60	344.862	20691.72
62	Carriage of materials by manual means including loading, unloading, stacking of materials- Cement <i>Avg. 500 metre</i>				
62.1	1st 50m	Tonne	125.35	121.567	15238.36
62.2	Beyond 1st 50m	Tonne	125.35	160.533	20122.81
63	Carriage of materials by manual means including loading, unloading, stacking of materials- Brick <i>Avg. 500 metre</i>				
63.1	1st 50m	1000 Nos	11.15	391.817	4368.75
63.2	Beyond 1st 50m	1000 Nos	11.15	767.763	8560.56
64.1	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	103.50	10350.00
64.2	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)	Point	24	824.55	19789.20
65	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	1300.00	6500.00
66	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	569.25	5692.50
67	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.	No.	1.00	442.75	442.75

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S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
68	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	No.	5.00	74.75	373.75
69	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.	No.	10.00	193.20	1932.00
70	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)	No.	1.00	2360.95	2360.95
71	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.	3.00	1500.00	4500.00
72	Providing and laying of armoured cable 95mm, 3.5 core for main service line of reputed make in P.V.C pipes of required dia to accommodate the service line including bends etc., from main transformer to the main panel board including copper thimbles, earth work excavation and filling for laying of cable complete.	m	100.00	325.00	32500.00
73	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.				
73.1	30 KVA	Job	1.00	47000.00	47000.00
74	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	4250.00	4250.00
75	Providing and fitting of:				
75.1	200 Amp. 4 pole Change over of reputed make	No	1.00	11200.00	11200.00
75.2	32 Amp-Copper bus bar	No	6.00	2850.00	17100.00
75.3	16 Amp MCCB	No	15.00	1250.00	18750.00
75.4	3-phase indicator points	No	5.00	445.00	2225.00
75.5	3-phase voltmeter and Amperemeters	No	5.00	1190.00	5950.00

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Scope of work: Construction and successful testing and commissioning of 0.11 MGD RSFP (which includes PST, Flash Mixer, Clarifloculator, Filter House, Separate Back Wash Tank & Wash Water Disposable Chamber). WSS Pachhar Hudpura under JJM

S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
76	Providing, fitting, testing and commissioning of following items for Flash Mixer:				
76.1	Mixing device with reduction gear system	Set	1	2500.00	2500.00
76.2	3-phase Electrically driven motor:				
76.2.1	1.0 HP	No	1	4800.00	4800.00
76.3	Foundation \ Base plate	Set	1	4548.00	4548.00
76.4	Starter along with necessary wiring upto motor	No	1	1680.00	1680.00
77	Providing, fitting, testing and commissioning of following items for Alum Dosing Unit-				
77.1	Mixing device with reduction gear system.	Set	1	2500.00	2500.00
77.2	3-phase electrically driven motors:				
77.2.1	1.0 HP	No	1	4800.00	4800.00
77.3	Foundation / Base plate	Set	1	4548.00	4548.00
77.4	Starter along with necessary wiring upto motor	No	1	1680.00	1680.00
78	Providing, fitting, testing and commissioning of following items for Chlorine Dosing Unit-				
78.1	Mixing device with reduction gear system.	Set	1	2500.00	2500.00
78.2	3-phase electrically driven motors:				
78.2.1	1.0 HP	No	1	4800.00	4800.00
78.3	Foundation / Base plate.	Set	1	4548.00	4548.00
78.4	P.V.C outlet, overflow system with fittings upto point of application.	Lot	1	530.00	530.00
78.5	Starter along with necessary wiring upto motor	No	1	1680.00	1680.00
78.6	50mm dia service water piping	Lot	3	530.00	1590.00
79	Providing and fixing D.I. sluice valves Class 1 (with cap) complete with rubber insertions, bolts, nuts, extension 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.				
79.1	150 mm dia.	Each	8	26720.00	213760.00
79.2	200 mm dia.	Each	3	42300.00	126900.00
80	Providing fitting, testing and commissioning 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 gauge, Nozzles, foundation block, base plate, air check valve, non-return valve, Starter etc				
80.1	4.2 KLPM Air blower with 5.0 HP Motor.	No	1	87500.00	87500.00

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
Scope of work: Construction and successful testing and commissioning of 0.11 MGD RSFP (which includes PST, Flash Mixer, Clarifloculator, Filter House, Separate Back Wash Tank & Wash Water Disposable Chamber). WSS Pachhar Hudpura under JJM

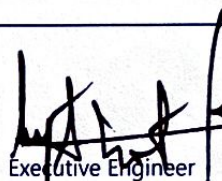
S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
81	Supply installation and successful testing and commissioning of mono block pumping unit standard make ISI mark coupled with 2 phase induction motor with appropriate pumping capacity so as to fill the tank within the max. of 2 hours with nominal 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.	Set	1	20268.00	20268.00
81.1	Pumping unit with 5.0 HP Motor.	Set	1	20268.00	20268.00
	P/F testing and commissioning of MS Rotating Desludging Bridge comprising of following items:				
82	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.	Kg	1029.5	102.14	105147.98
82.1	Welded	Kg	1029.5	102.14	105147.98
83	Central axle turn table with double bearing and guide for incoming cable.	Set	1	4800.00	4800.00
84	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).				
84.2	Pumping unit with 5.0 HP Motor.	Set	1	24268.00	24268.00
84.2	Starter along with necessary wiring upto motor	No	1	1680.00	1680.00
85	Flocculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motors complete job.				
85.1	1.0 HP	No	1	7300.00	7300.00
86	Incoming cable, telescopic electric pole with rotary current collector	Set	1	6500.00	6500.00
87	Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile Iron Pipes Class K-7 conforming to IS : 8329	m	12	1947.00	23364.00
87.1	200 mm dia	m	12	1947.00	23364.00

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Scope of work: Construction and successful testing and commissioning of 0.11 MGD RSFP (Cost includes PST, Flash Mixer, Clarifloculator, Filter House, Separate Back Wash Tank & Wash Water Disposable Chamber). WSS Pachhar Hudpora under JJM

S No.	Description of Work / Item(s)	Unit	Qty	Rate	Amount
88	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.	Kg	800	147.00	117600.00
Total =					12894905.31
Add 8% quoted rate above on all items =					1031592.425
Grand Total =					13926497.74


The Head Draftsman


Executive Engineer
PHE Division Baramulla