

OFFICE OF THE EXECUTIVE ENGINEER SPL PHE DIVISION KULGAM

Bhan Constructions
Mohiudin sheikh, Mushtaq Ah khanday, Shabir Ahmad Sheikh
Bhan Kulgam

No: PHE/Wks/ 9382-84
Dated: 24/3/2023

Allotment order No 141 of 2022-23
Dated: 24.03.2023

Name of work Construction and successful testing and commissioning of 0.30 MGD RSFP at WSS Bob Dregden under JJM

- Ref:- 1. Chief Engineer Kashmir PHE Jal Shakti Department Srinagars E NIT No 132 of 2021-22 dated 08/03/2022 issued under No CE/PHE/JJM/44105-56 Dated 08/03/2022 tender ID 2022_PHE_163566_1 to 127
2. Superintending Engineer Hyd Circle Anantnags LOI No SE/Hyd/Cors/4141-44 Dated 26/07/2022
3. Chief Engineer Kashmir Jal Shakti Department Srinagars Letter No CE/PHE/JJM/7499-7547 dated 09/06/2022

Accord of Administrative No and date	CE/PHE/DB/JJM/236 of 08/2022 dated:- 25/08/2022
Technical sanction No and date:	CE/PHE/DB/JJM/70 of 08/2022 dated:- 25/08/2022
Advertised amount of work	Rs 181.79 lacs
Allotted amount of work	Rs 149.56 lacs

Rupees one crore forty nine lac fifty six thousand only

For and on behalf of Lt Governor of UT of J&K, the contract for the above work is hereby fixed with you on the following rates quoted/accepted by you on the terms and conditons given as under:

Sl.No	Bidder Name	Quoted Percentage	Quoted Amount in Figures and Words
	Bhan Constructions		
		Rate	Amount
1	Bhan Constructions		Rupees one crore forty nine lac fifty six thousand only

DESCRIPTION OF ITEMS AS PER BOQ

S.No	Description of items	Quantity	Unit	Estimates rate	Amount
	Demolishing stone rubble mesonry manually/mechanical means including stacking of servicable materials and disposal of unservicable material within 50 mtrs lead as per engineer in charge	238.06	Cum	1583.05	376860.88
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)	778.624	Cum	188.75	146965.28
3	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material :All kinds of soil				0.00
4	All kinds of soil :	23.68	Cum	81.65	1933.47
6	All kinds of soil :	0	Cum	0.00	0.00
	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.	233.59	Cum	198.70	46414.33
	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	387.9	KL	155.55	60337.85
9	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	142.58	Cum	1320.00	188205.60
10	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	11.88	Cum	7000.00	83160.00
11	Supply and filling of filter media from approved source - Sand (Coarse filter sand - in filter beds. Including all carriages, complete job	5.92	Cum	7100.00	42032.00
12	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	14.55	Cum	787.40	11456.67
13	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
14	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	85.09	Cum	6434.01	547469.91
15	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	42.18	Cum	4861.84	205072.41
16	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
17	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	41.36	Cum	7800.76	322639.43

18	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
19	1:1:3 (1 cement : 1 coarse sand : 3 graded stone aggregate 20 mm nominal size)	20.437	Cum	9408.14	192274.16
20	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 centering, shuttering, finishing and reinforcement with				0.00
21	1:1:3 (1 cement : 1 coarse sand : 3 graded stone aggregate 20 mm nominal size)	50.746	Cum	9849.35	499815.12
22	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
23	All works upto plinth level	29.08	Cum	7911.26	230059.44
25	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)	29.08	Cum	111.87	3253.18
26	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	34.896	Cum	1074.37	37491.22
27	Centering and shuttering including strutting, propping etc. and removal of form for:				0.00
28	Foundations, footings, bases of columns etc. for mass concrete.	189.97	sqm	262.30	49829.13
29	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1220.72	sqm	573.85	700510.17
30	Suspended floors, roofs, landings, balconies and access platforms.	291.8	sqm	635.60	185468.08
31	Lintel, beams, plinth beams, girders, bressumers and cantilevers.	182.75	sqm	502.85	91895.84
32	Columns, pillars, piers, abutments, posts and struts.	226.54	sqm	680.15	154081.18
33	Stairs (excluding landings) except spiral staircases.	36.746	sqm	807.50	29672.40
34	Edges of slabs and breaks in floors and walls	375.99	Sqm	242.30	91102.38
35	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				0.00
36	Foundations.	17.46	Sqm	52.46	915.95
37	Walls	244	Sqm	114.77	28003.88
38	Beams	34.41	Sqm	100.57	3460.61
41	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)	3290.49	kgs	57.90	190519.37
42	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
43	Thermo-Mechanically Treated bars of grade Fe-500D or more.	25882	Kg	87.18	2256392.76
44	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 above plinth level.				0.00
45	Brick work with common burnt clay (non-modular) bricks of class designation 7.5 in foundation and plinth including curing in :				0.00
46	Cement mortar 1:4 (1 cement : 4 coarse sand)	28.702	Cum	7476.38	214587.06
47	Extra for brick work with common burnt clay bricks/cement concrete bricks in superstructure above plinth level upto floor five level	28.702	Cum	1522.20	43690.18
48	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or with dash fasteners shall be paid for separately).				0.00
49	First class kail wood	1.34	Cum	106894.15	143238.16

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80	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
81	First class kail wood (30 mm thick shutter)	30.63	sqm	2784.10	85276.98
82	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.				0.00
83	With Galvanized M S Wire gauge with wire of dia 0.63 mm	27.48	sqm	925.00	25419.00
57	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.				0.00
58	In gratings, frames, guard bar, ladder, railings, brackets, gates and	250	Kg	146.63	36657.50
59	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.				0.00
60	G.I. pipes	264.23	Kg	174.25	46042.08
	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1614.02	Kg	91.03	146924.24
61	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
62	Welded	3291.2	Kg	102.14	336163.17
63	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				0.00
64	80x1.25 mm M.S. laths with 1.25 mm thick top cover	3.75	sqm	3238.20	12143.25
66	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. 50 mm thick with 20 mm nominal size stone aggregates	119.3	sqm	505.00	60246.50
67	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
68	In colour such as White, Ivory, Grey, Fume, Red Brown (as directed by the engineer incharge)	99.24	sqm	1210.66	120145.90
69	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
70	Makrana White Second quality (16mm)	92.8	sqm	6175.39	573076.19
71	Extra for pre finished nosing to treads of steps of marble stone	4.5	sqm	579.31	2606.90
72	12mm Cement plaster finished with a floating coat of neat cement of mix:				0.00
	1 : 3 (1 cement : 3 fine sand)	1775.97	sqm	343.75	610489.69
73	1 : 4 (1 cement : 4 fine sand)	322.09	sqm	300.45	96771.94
74	Finishing walls with water proofing cement paint of required shade on New work (two or more coats applied @ 3.84 kg/10sqm)	599.45	sqm	91.80	55029.51
75	Applying priming coat:				0.00
76	With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	116.99	sqm	59.50	6960.91
77	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				0.00
78	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	116.99	sqm	179.80	21034.80

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	790.31	sqm	149.05	117795.71
79	Dispersing 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
80	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.	5 each	66.35	331.75
81	Providing and fixing aluminum lower 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.	55 each	52.30	2876.50
82	Providing and fixing aluminum lower 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
83	150x10 mm	10 each	80.35	803.50
84	100x10 mm	110 each	57.35	6308.50
85	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
86	0.50 mm thick with zinc coating not less than 275 gram/m ²	136.28	830.25	113146.47
87	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
88	0.63 mm thick with zinc coating not less than 275 gram/m ²	10.33	691.35	7141.65
90	Providing and fixing plain eaves boarding. (II Class nail Wood) 250x32 mm (nominal size)	39.14	693.90	27159.25
91	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.			0.00
92	1 mm thick	1321.35	129.50	171114.83
96	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.	2 Each	13164.00	26328.00
	100 mm dia. Class 1	1 Each	20243.00	20243.00
	150 mm dia. Class 1	11 Each	31698.00	348678.00
97	200 mm dia. Class 1			0.00
100	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 carriage. Complete Job.	12 Joint	1520.00	18240.00
	100 mm dia. pipe	12 Joint	2150.00	25800.00
	150 mm dia. pipe	21 Joint	3480.00	73080.00
102	Providing & fixing of 0.63mm thick PGI sheets at construction joints including all leads and lifts complete job as directed by Engineer-in-charge	37.55	800.00	30040.00
106	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
107	With floating glass panes of 4.0 mm thickness (weight not less than 10.00 kg / sqm)	3.29	1072.17	3527.44
108	Carriage of materials by mechanical transport including loading, unloading, stacking of materials from Source to Dumping/Road site of work. . .			0.00
109	Cement & Steel for avg. lead of 30 kms	194.36	MT	86676.79
111	Sand and 20 mm agg. for avg. lead of 50 kms	571.76	cum	400506.44
113	40 mm agg. for avg. lead of 50 kms	37.96	cum	28853.40
	carriage of surplus earth away from filtration premises avg lead of 1 km	545.05	cum	80907.22
114	Bricks for avg. lead of 50 kms	13634	no	25359.24
108	Extra Carriage of materials by manual labour from Dumping/Road site to actual site of work for avg. lead of 200 meter	165.018	MT	28891.35
109	Cement	29.34	MT	11033.31
111	Steel	571.76	cum	198400.72
113	Sand and 20 mm aggregates	13634	no	8862.10
114	Bricks	37.96	cum	14239.56
	40 mm Aggregates			

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	Damage of materials by mechanical means incl loading, unloading, stacking of materials, stone setting/quarry stone by manual means for only lead of 01 Km (Qty of demolition material)	238.06	cum	139.71	33259.36
117	Electrical Items: Supplying and fixing of 25mm dia. medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	250	m	103.50	25875.00
118	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)	10	Point	824.55	8245.50
119	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	Point	1300.00	6500.00
120	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.	8	No.	569.25	4554.00
121	Supply and fixing of two module stepped type Electronic Fan regulator on the existing modular plate switch box including connections but excl. cost modular plate etc., as required.	4	No.	393.30	1573.20
	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): 2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	70	m	192.05	13443.50
	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	70	m	230.00	16100.00
	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)	10	Point	1215.55	12155.50
122	Supplying and fixing single pole 5 A to 32 A rating, 240V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load in the MCB DB complete with connections, testing and commissioning etc. as required.	2	No.	228.85	457.70
123	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	No.	442.75	442.75
124	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required	3	No.	74.75	224.25
125	Supply of 24-Watt LED slim aluminum panel surface type complete in all respects.	10	No.	600.00	6000.00
126	Supply of 1200 mm sweep Ceiling Fans complete in all respects. Confirming to relevant Indian Standards	3	No.	2125.00	6375.00
127	Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete. Confirming to relevant Indian Standards	3	No.	1550.00	4650.00
	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.	20	No.	193.20	3864.00
128	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (up to 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	3	No.	196.65	589.95
	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)	2	No.	2360.95	4721.90

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	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	3	No.	417.45	1252.35
130	Providing, fitting and testing of LED flood light IP65 30W rating to pre-wired electric points on the outside of the Filter House building.	6	No.	1500.00	9000.00
131	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.	70	m	325.00	22750.00
132	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
133	50 KVA	1	Job	67000.00	67000.00
134	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	Job	4250.00	4250.00
135	Providing and fitting of:				0.00
136	100 Amp 4 pole change over of reputed make.	1	No	7598.00	7598.00
137	100 Amp-Copper bus bar	1	No	4550.00	4550.00
138	100 Amp MCCB	1	No	3300.00	3300.00
	3 Phase indicator points	5	No	445.00	2225.00
	3 Phase voltmeter and ammeter	2	No	1190.00	2380.00
	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note: - Cement in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is content considered payable or recoverable separately.				
	All works above plinth level upto floor V level	100.56	cum	9302.98	935507.67
	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)	100.56	cum	111.87	11249.65
	Add or deduct for using more or less cement in the items of design mix over and above the specified cement content therein.	120.67	cum	1074.37	129644.23
139	Mechanical Items: 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				0.00
140	75 mm dia	120	m	1420.00	170400.00
141	Providing, fitting, testing and commissioning of following items for Flash Mixer:				
143	1.0 HP	1	No	4800.00	4800.00
144	Foundation \ Base plate	1	Set	4548.00	4548.00
145	Starter along with necessary wiring upto motor	1	No	1680.00	1680.00
146	Providing, fitting, testing and commissioning of following itemn for Alum Dosing Unit-				
147	Mixing device with reduction gear system.	1	Set	2500.00	2500.00
148	1.0 HP	1	No	4800.00	4800.00
149	Foundation / Base plate	1	Set	4548.00	4548.00
150	Starter along with necessary wiring upto motor	1	No	1680.00	1680.00
151	P.V.C outlet, overflow system with fittings upto point of application	1	Lot	530.00	530.00
152	150mm dia drain out let	1	Lot	1350.00	1350.00
153	50 mm dia Service water piping.	1	Lot	530.00	530.00
154	Constant dosing unit with time device	1	Set	1500.00	1500.00
155	Manually operated hoist	1	Set	10000.00	10000.00


 Date: _____
 Name: _____

Sl. No.	Description	Unit	Quantity	Rate	Amount
165	Providing, fitting, testing and commissioning of following items: As per Drawing Details Unit.	Set	1	2500.00	2500.00
166	Wiring device with reduction gear system 1.5 HP	No	1	4500.00	4500.00
167	Foundation Base plate	Set	1	4548.00	4548.00
168	2 x 1/2" rubber over-flow system with fittings upto point of application	Lot	1	530.00	530.00
169	Wiring along with necessary wiring upto motor	No	1	1680.00	1680.00
170	150 mm dia Drain out let	Lot	1	1350.00	1350.00
171	150mm dia service water piping	Lot	1	530.00	530.00
172	Constant driving unit with time device	Set	1	1500.00	1500.00
173	Providing, fitting, testing and commissioning of air blower standard make ISI mark - capable of providing compression @ 0.34 kg/cm ² coupled with suitable 3 phase induction electric motor complete with auxiliary pipe system upto filter beds with pressure gauge. Success foundation block base plate air check valve, non return valves, flanges etc.	No	1	125000.00	125000.00
174	5.5 KVA Air blower with 7.5 HP Motor	Set	1	125000.00	125000.00
175	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	2	20268.00	40536.00
176	Pumping unit with 5.0 HP Motor	Set	2	20268.00	40536.00
177	Pit testing and commissioning of MS Rotating Desludging Bridge comprising of following items: Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete for the installation. Testing and Commissioning of Half Bridge with Central Drive mechanism, scraper and churners for required dia Clarifier.	Kg	1474.49	102.14	150604.41
178	Welded				
179	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				0.00
180	On steel work	sqm	218.8	188.80	41309.44
181	Central axle turn table with double bearing and guide for incoming cable	Set	1	4800.00	4800.00
182	Peripheral drive assembly with following motors, gear box, rollers, drive trolley (60:1 reduction gear box).	Set	1	24268.00	24268.00
183	Pumping unit with 5.0 HP Motor	Set	1	1680.00	1680.00
184	Starter along with necessary wiring upto motor				0.00
185	Fluoculator drive assembly with crown wheel, pinion sets, reduction gear (40:1) with motor's complete job.	No	1	7300.00	7300.00
186	1.0 HP				
187	Providing and laying/fixing S&S Centrifugally Cast (Spun) Ductile Iron Pipes Class K-7 conforming to IS : 8329				
188	200 mm dia	m	70	1947.00	136290.00
189	300 mm dia	m	12	3129.20	37550.40
190	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): 30 mm dia	Qty	4	7823.70	31294.80
191	Providing and fixing G.I. pipes (B medium) complete with G.I. fittings excluding trenching and refilling etc. (external work)				
192	15 mm dia nominal bore	m	6	163.55	981.30
193	20 mm dia nominal bore	m	18	204.45	3680.10
194	25 mm dia nominal bore	m	36	298.15	10733.40
195	40 mm dia nominal bore	m	12	418.80	5025.60
196	100 mm dia nominal bore	m	60	1234.95	74097.00
197	150 mm dia nominal bore	m	60	2167.65	130059.00
198	Incoming cable telescopic electric pole with rotary current collector	Set	1	6500.00	6500.00

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<p>Providing: Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fabricated from MS tube heavy quality nominal thickness 8mm, 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.</p>	1022.4	Kg	147.00	150292.80
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Total in Figures

Add 8% on all items

13848186.11

14956041.00


Terms and conditions

1	The allotted cost of the work is Rs149.56 (Rupees one crore forty nine lac fifty six thousands only) However the allotted cost should in no case exceed beyond DAP/DPR.
2	The date of start shall be reckoned from the date as mentioned in the LOI/allotment
3	The work shall have to be completed within a period of (90) days from the date of issuance of this allotment order, failing which penalty upto 10% of the total value shall be imposed upon you
4	Earnest money deposited by you Vide CDR/IG/FDR No 1065IPBG2303013 Dated 21/03/2023 For Rs448700.00 shall be released only after the successful completion of work and after the expiry of defect clause
5	The date of start of work shall be reckoned within one week from the date of issuance of this Contract allotment
6	The work shall have to be completed within a period of ninety (90) days from the date of issuance of allotment mentioned above
7	After testing and commissioning of work the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department the DLP In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to maximum ceiling of 06 months
8	The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP in case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time The bidder shall be responsible for the time and proper setting out of all the works and for the correctness of the positions levels dimensions and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in as deemed for getting the defect rectified subject to a maximum ceiling of 6 Months
9	The rates are including the Charges for Submission of progress Geo-tagged photographs, vidiographic record through the professional person before during & after construction and progress reports in both hard and soft copies Taking Cross-Sections L Sections by Auto Level/ETS before and after execution Preparation of work abatract of executed work, preparation of bills besides the rates quoted/allotted are inclusive of taxes and the tees viz GST/income tax/Cess etc shall be deducted at source from running account bills
10	All the Cement RCC Steel plumbing and other works shall be strictly as per relevant IS Codes CPHEEO norms/requirements/specifications and normal PWD practices
11	You shall be solely responsible for carrying out the mandatory tests required or as decided by Engineer-in-charge for the quality control at your own costs. The cost of conducting all tests shall be done by the contractor and shall be deemed to have been included in the item rates for various items of work and percentage rate tendered Nothing extra shall be payable on this account
12	You have to furnish the confirmatory survey, structural & functional design including geo-technical analysis, soil investigation and quality control tests done at your level duly vetted by DIGC as per terms & conditions of the NIT The vetting charges for the design if any are to be done by you
13	The allotted works shall be subject to check by the third party monitoring agency (TPIOM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery nated in each scheme. The TPIOM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period
14	Any item of work not included in the BOQ but required for the completion of the work, shall be executed by the contractor, as directed by the Department. Such extra item shall be paid at J&K SSR 2020 rates with allotted appreciation/depreciation of the contractor in case such item does not figure in J&K SSR 2020, the same shall be paid as per the current market rate analysis, to be approved by the competent authority
15	No price escalation will be paid for completion of the work within stipulated time or extended date of completion due to any reason whatsoever
16	No extra claim towards any type of tax, freight etc shall be entertained whatsoever
17	No mobilisation advance shall be paid
18	Retention money/Security deposit shall be 10% of the contract value. The Security Deposit is to be recovered at the rate of 10% of bill amount from Running Account Bills and shall be released after completion of the defect liability period
19	in the event of allottee falling, declining, neglecting or delaying the supplies/works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UI
20	All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder

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	Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure or commission arises from the ACT OF GOD which shall include all natural calamities such as fires floods earthquake hurricane strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency
22	The bidder shall in connection with the work provide and maintain at his own cost all lights, guards, fencing and watching, when and where necessary or required by the Department for the protection of the work or safety and convenience of the Public etc
23	From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes/theft and shall hold the Government harmless for any claims for injuries to persons or damage a property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country.
24	In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer in charge be terminated by notice in writing posted at the site of the works
25	The damage caused to the work during execution or prior to actual completion of work/handover of the project before defect liability period due to any natural calamity human interference, the same shall be get restored/made good by you at your own cost
26	No damage is caused to existing structures like roads, bridges, buildings or other public utilities as a result of construction of this work. Wherever any damage occurs to any public/private infrastructure or public utility, the same shall be rectified/made good by you at your own cost
27	Adequate precautions be taken for environment and social protection besides, all safety practices in vogue be strictly adhered to during execution of work
28	No objection certificate from the concerned regulatory authority may also be sought whenever required
29	All other terms & conditions will remain same as laid down in the original NIT SBD GFR-2017/ Procurement Manual 2019/Operational guidelines for JJM


Copy to the


Executive Engineer
Spl. PHE JSD Kulgam

- 1 **Superintending Engineer Hydraulic Circle Aantnag for favour of information**
- 2 **Asstt. Ex. Engineer PHE Sub-Division Kulgam for information**
- 3 **AAO Divisional office for information**
- 4 **Divisional Drawing branch for information**