OFFICE OF THE ECUTIVE ENGINEER JAL SHAKTI PHE (HYD) DIVISION BANDIPORE

Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant Construction and Wash Water Disposable Chamber) WSS Watring.

- Chief Engineer Jal Shakti PHE Department Srinagar's E-NIT No CE/PHE/KMR/JSD/132 of 1. 2021-22 issued under endorsement No CE/PHE/KMR/JSD/44105-56 dated 08/03/2022. 2.
- Revised District Action Plan of District Bandipore approved by DJJM vide No 3.
- Minutes of Meeting held with District Development Commissioner Bandipore (Chairman DDJM) on 04/07/2022 minutes issued vide order No 133-DDCB of 2022 dated 16/07/2022 issued under endorsement No DDCB/JJM/2022-23/2052-55 dated 16/07/2022 4.
- Amendment in operational guidelines for the implementation of Jal Jeevan Mission issued by NJJM, DDW&S Ministry of Jal Shakti GOI vide F. No W-11016/10/2022-JJM-IV-DDWS 5.
- Modus operandi communicated by Chief Engineer Jal Shakti PHE Kashmir vide Circular No
- Superintending Engineer Hydraulic Circle Bla/ Bpr H.Q Sopore's Authorization No 7.
- Letter of intent issued by this office vide No PHE/Hyd/Bpr/JJM/3164-75 dated 21/07/2022.
- Administrative Approval Accorded by Chief Engineer Jal Shakti PHE Department Srinagar vide order CE/PHE/DB/JJM/283 of 09/2022 dated 22/09/2022 issued under endorsement No CE/PHE/DB/24369-77 dated 24/09/2022. 9.
- Technical Sanction issued by Chief Engineer Jal Shakti (PHE) Department Kashmir's Order No CE/PHE/DB/734 of 11/2022 Dated 15/11/2022 issued under endorsement No CE/PHE/DB/29831-37

ORDER NO. PHE/HYD/BPR/166 OF 2022-2023 DATED: 201 03 /2023

Major Head of Account: JAL JEEVAN MISSION

Advertised Cost: Rs.113.66 Lacs Allotted Cost: Rs.1,22,75,000.00 Time of Completion: 150 Days (GST No: -01AKSPD6493N2ZM)

For and on behalf of the Lieutenant Governor of Union Territory of Jammu and Kashmir, contract for the work "Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (cost includes PST, Filter House and Wash Water Disposable Chamber) WSS Watrina" is hereby fixed with M/s Aajwa Construction and Manpower Pvt Ltd Prop. Mushtaq Ahmad Khan R/o Khan Mohalla Kaloosa Bandipore Regd No U45309JK2021PTC012942 on the allotted cost of Rs.1,22,75,000.00 (Rupees One Crore Twenty Two Lac Seventy Five Thousand only) on the rates quoted and subsequently negotiated / accepted by bidder on percentage basis as per the Annexure "A" of this allotment order with the standard terms and conditions as laid down in Annexure "B" of this allotment and Detailed E-

Executive Engineer PHE (Hyd) Division **Bandipore** 

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No:-PHE/Hyd/Bpr/CC/ 11457-70 Dt: 20/ 63/2023

05.

04.

Chief Engineer Jal Shakti PHE Department Srinagar for favour of information. District Development Commissioner Bandipore (Chairman DJJM) for favour of information.

Additional District Development Commissioner Bandipore (Chairman DJJM) for tayour of information.

Superintendia. Superintending Engineer Hydraulic Circle Bla/ Bpr H.Q Sopore (Member DJJM) for favour of information.

Assistant Company of Information.

Assistant Commissioner Development Bandipore (Member DJJM) for favour of information.

Divisional Expression of Information. 06. 07.

Divisional Forest Officer Bandipore (Member DJJM) for favour of Information.

Chief Planning Officer Bandipore (Member DJJM) for favour of Information.

Chief Medical Officer Bandipore (Member DJJM) for favour of Information. 09.

Chief Medical Officer Bandipore (Member DJJM) for favour of Information.

Chief Education Officer Bandipore (Member DJJM) for favour of Information.

Chief Education Officer Bandipore (Member DJJM) for rayour of Information.

District Social Welfare Officer Bandipore (Member DJJM) for favour of Information.

District Social Welfare Officer Bandipore/District Tribal Welfare Officer Bandipore (Member DJJM) for favour of Information. District Information Officer Bandipore (Member DJJM) for favour of information.

Assistant F. Information. 12.

Assistant Executive Engineer PHE Sub-Division Bandipore for Information.

WAPCOS Bandipore for information.

M/s Aajwa Construction and Manpower Pvt Ltd Prop. Mushtaq Ahmad Khan R/o Khan Mohalla Kaloosa Bandipore for information.

## CUTIVE ENGINEER PHE (HYD) DIVISION BANDIPORE "A" TO ALLOTMENT Order No. 106 PHE (HYD) OPPO (2002) 200

eure "A" TO ALLOTMENT Order No. 106 PHE/HYD/BPR/2022-23 Dated 20/03/2023

Of Work: "Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (Cost includes PST, Filter House and Wash water Disposable Chamber) WSS Watrina

Adv. Cost :- 113.66 Lacs

1						113.66 Lacs
1	Particulars		T	A110	Hed Cost :- 1	,22,75,000.00
No No		Qty.	Unit		lloted Rate	Amount
	Clearing jungle including uprooting of rank vegetation, grass, brush					
١,	wood, need did sublinus of film histor at any		1	- 1	1	1
'	I in choose greater level that removal of rulablish make a street		1	1	1	
		367.20	m <sup>2</sup>	, \	11.36	
	Earth work in bulk excavation by mechanical means (hydraulic		- 111		11.30	4171.39
2			N.	1	1	, /
2	well as 10 sqm on plan) including disposal of excavated earth lead		1	l	1	
	upto 50 meters and lift upto 1.5 m, as directed by Engineer-in- Charge. (All kinds of soil)		1	- 1	ω.	1
	Providing and Javing L.	5973.00	l m	,3	188.75	1107.00
3	Providing and laying hand packed stone soling 50 mm nominal size including filling, spreading dressing and soling 50 mm nominal size	277 0.00	-		166./3	1127403.75
3	including filling, spreading, dressing, ramming, all leads lifts and all carriages complete.	1	- 1	1	1	1
	Providing and the little and the lit	32.61		-3	1200.00	
4	Providing and shrouding filter media including laying, including all carriages by mechanical transport from Carriages.	32.01	<del></del>	m <sup>3</sup>	1320.00	43045.20
-	carriages by mechanical transport from Gandrabal and head load	1	1	- 1	1	
	complete job. GRAVEL	3.00	1.			<b>\</b>
5	Supply and filling of filter media from approved source (course filter SAND-in filter beds incld. All carriages complete it.)	3.00		M3	7700.00	23100.00
-	SAND-in filter beds incld. All carriges complete job	1.50	1	1		-
6		4.50			7968.00	35856.00
-	watering, ramming, consolidating and dressing complete.		. 1			
7	I Walls including L	20.63		m <sup>3</sup>	787.40	16244.06
-	carriages upto site.	1 20	. \			
	Providing and laying in position cement concrete of specified grad including curing but excluding the cost of	39.51		m3	787.40	31110.17
J. 4 1	including curing but excluding the cost of centring and shuttering. A	e   -	- 1	- 32:	×	
1	work upto plinth level with: 1:4:8 (1 cement: 4 coarse sand: 8 grade	n	1	*.**		1
	stone aggregate 40 mm nominal size).	a		27	7.7	1
.	9   Extra for levelling & neatly drawing of it	15.2	5	m <sup>3</sup>	4861.84	74143.06
	directed by Engineer-in-charge.	as		f-:		74143.06
+	Providing and laying in position cement concrete of specified grading lincluding curing but excluding the cost of specified grading the cost of specified gr	1030	.00	mi3	59.65	61439.50
A	including curing but excluding the cost of centring and shuttering.	de	1	,		01439.30
- 1	work upto plinth level with: 1:3:6 (1 cement: 3 coarse sand: 6 grad	All	1			
	stone aggregate 40 mm nominal size)	ea				1
	1. TOTAL CONTROL IN THE STATE OF THE STATE O	12.	89	m3	5399.02	60502.27
1	grade excluding the cost of centering and shuttering, finishing or reinforcement. All works upto plinth level in 1.2.4	led				69593.37
	reinforcement. All works upto plinth level in 1:2:4 mix (1 Cement	and				1
- 1	Sand: 4 Graded stone aggregates) M20.  Providing & Lavier in 1:2:4 mix (1 Cement	: 4		Ì		į i
1	grade excluding the position reinforced cement concrete of special	4.	36	m3	6434.01	20050.00
1	Telliforcement All wast	ألبيت		1		28052.28
	1.5 Sand : 3 Graded stone aggregates). Non Water Retc	and		1	1	1
1	I shocketes.				1	A.
	I TOYIGING and Inc.		<b>~</b>	1		1
	Providing and laying in position machine batched and machine m	ived	0.46	m3	7800.7	6 227411.15
						6 237611.15
						V
8	of centering, shuttering finishing of laying but excluding the	1202		1	t	
	of centering, shuttering, finishing and reinforcement, including accelerate, retard setting of concrete, improve worker the	udina		1		
•	accelerate, retard setting of concrete, improve workability wincharge. Note: a Company of the control of the co	3 to		1		
2	impairing strength and durability as per direction of Englishment used as postal to the strength and strength as per direction of Englishment used as postal to this item is @ 330 kg/sum Englishment.	ithout		1	1	
	incharge. Note: - Cement in this item is @ 330 kg/cum. Excess recoverable sengrately (A)	ineer-		1		
i. D	cement used as per design mix is content considered payar level)  Cement used as per design mix is content considered payar level)	or less		1	1	
ci .	level) (All work above all level)	ble or		1	1	1
a,	recoverable separately. (All work above plinth level upto fle	ocr V-		1		
2(	(a) A Mar		115.37	. \		
la l	ead Draftsman		. 5.57		n <sup>3</sup> 9302.	.98 1073284.80
Iti 🚖						1/1/

contd. On 2<sup>nd</sup>

Plant (Cost includes PST, Filter House and Wash water Disposable Charles) Wash water

		r Disposal	LL CL	GD-Kapia-Se	ind_fillication:
		ruisposai	ble Char	nber) WSS W	atrina.
	over the specified certient content treed to		1	ľ	
	everable separately, roylding M-30 grade concrete instead -1 11		1	1	
- 1	25 grade BMC/KMC. (Note:- Cement content considered in M-30 is @ 340			1	\ -
/	( - /cum)	115.37	m3	111.07	
	Painforced cement concrete work for slabs (any thickness) and the	113,37	ms	111.87	12906.44
1	cost of cemently, studening, and reinforcement in 1.15.2 /1	1	1		
15	Cement: 1.3 Sand: 3 Graded stone aggregates Non Water			1	
1	Retaining structures.	2775			1
1	Reinforced cement concrete work in columns (any thickness) including	37.75	m <sup>3</sup>	9849.35	371812.96
1	afformed piliusiers, buttress, blinth and	1			
16	columns, fillet set cupto Floor V level excluding and			1	
11 10	shuffering, and reimorcement in 1:1.5:3 mix (1 Comont 1 5 6 1 2	1		N.	*
H	Graded stone aggregates in on water Retaining stand	10.40			
-	Providing and mixing water proofing material in	12.43	m3	9408.14	116943.18
17	in doses by weight of cement as per manufactures's a vit				
] "	kg of world brooming indiging in 20 kg of coment			1	
	Form work: Centering and Shuttering including strutting, propingete	1384.58	Kg	57.90	80167.18
18	and removal of same for.				
	a) Foundations, footings, bases for columns		l l		
	b) Retaining walls, return walls, walls (any thickness) including attached	72.00	m <sup>2</sup>	262.30	18885.60
18.01	pilasters buttresses plinth and string any thickness) including attached				
18.02	pilasters buttresses, plinth and string course fillets, kerbs and steps etc.	789.57	m <sup>2</sup>	573.85	453094.74
	d) Beams ist floor	392.64	m <sup>2</sup>	680.15	267054.10
18.03					207034.10
	e) bedms 2nd floor F. House	229.87	m <sup>2</sup>	502.85	11550010
	g) Slab floor-1			302.03	115590.13
18.04	h) Trough	· 1.35=	1	1	
	i) Slab floor —II	161.82	2	(25.40	
18.05	Extra for circular works Raft	30.30	m <sup>2</sup>	635.60	102852.79
18.06	Extra for circular works above Raft		m2	52.46	1589.54
18.07	Extra for circular works above Beams	244.91	m2	114.77	28108.32
18.08	Edges of slab	25.24	m2	100.57	2538.39
10	Brick work in super structure above plinth level upto floor V level	40.40	rm	242.30	9788.92
19	Cement mortar 1:4 (1 cement : 4 coarse sand)			* ***	
100:	Extra for brick work in super effects and	32.29	m <sup>3</sup>	7476.38	241412.31
19.01	Extra for brick work in super structure above plinth level upto floor five level by manual means.			V	
	Reinforcement for DCC	32.29	m3	1522.20	49151.84
20	Reinforcement for RCC works including straightening, cutting, bending	-		474	47131.04
	and placing in position all complete (TMT).	20328.33	Kg Kg	87.18	1770000 01
	Providing wood work in frames of doors, windows, clerestory windows		- Ng	07.16	1772223.81
21	did other trames, wrought tramed and fixed in position with hold for	. 1		1	
21	logs of with dash tasteners of required dia and length (hold forthing				
	of with dash fasteners shall be paid for separately). 2nd also	2		7	
(	P/F of glazed shutters for doors, windows, clerestory windows using	1.95	m <sup>3</sup>	92065.35	179159.17
22	1 V/9/squi (4mm mick) float alass panes including ISI must all the				
22	hinges bright finished of required size with necessary screws (2nd class kail wood) 30 mm st.	it			
	kail wood)30mm th	ss	1	1	1
	P/F 30mm thick wire acress shows	18.93	m2	3081.90	58328.04
	P/F 30mm thick wire gauze shutters using galvanized MS wire gauz			1.0.,,,0	30320.04
23	1 a. arg midili for uperfure 1.4 mm in both disasti				
1 7,	1 5.55 min for doors, windows and closectors.	1		1	
1	sciens for marked pright pressed timeled in the	es			g.
	The state of the s	1	3: 1	2 2044.00	
	rioviding and fixing panelled or panelled		3. W.	2 2965.35	56289.46
2.			4		
24					
T.	para ioi separately, all complete as per direction in	oe			
			1		
25	Pre-laminated particle board with t	6.57	, W	2 2489.75	16350.19
25	Pre-laminated particle board with decorative lamination on bosides, Grade I, Type II IS: 12823 marked	oth			1,0330.17
	75.000 i, Type ii i5: 12023 marked	5.00	)   M	1931.20	0 00 9556.00
	X			- 1/31.20	7930.00

Head Draftsman

contd. On 3<sup>rd</sup>

Construction and successful testing and commissioning of 0.10 MGD Rapid Send Filtrations plant (Cost includes PST, Filter House and Wash water Disposable Chamber) WSS Watrina ral steel work in built up sections, trusses and framed work, ral steel work in built up sections, trusses and framed work, buding cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Welded. Steel work welded in built up sections/framed work, including cutting, 8596.99 Kg 102.14 878096.56 hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required, chequered plate wherever required, all complete. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. (n gratings, frames, quard bar, ladder, railinas, brackets, gates and similar works.) Providing and tixing hand rail of approved size by welcing etc. to 2049.70 Ka 114.60 234875.62 steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. 28 tube Filter house Hollow pipe 32 Dia Supplying and fixing rolling shutters of approved make, made of 379.08 Kg 172.90 65542.93 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 29 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 80x1.25 mm M.S. laths with 1.25 mm thick top cover Providing and fixing ball bearing for rolling shutters. 4.00 M2 3238.20 30 12952.80 Cement concrete flooring 1:2:4 (1cement: 2 coarse sand: 4 graded 1.00 each 483.10 483.10 stone aggregate) finished with a floating coat of neat cement including cement slurry and curing complete, but excluding the cost of 3.1 nosing of steps etc. complete. 50 mm thick with 20mm nominal size stone aggregate. 75.50 M2 Providing and laying Ceramic glazed floor tiles 300x300 mm 505.00 38127.50 (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed 32 of cement mortar 1: 4 ( 1 cement : 4 coarse sand) including skirting in vertical & pointing the joints with white cement and matching pigment etc., complete In colour such as White, Ivory, Grey, Fume, Red Brown (as dirrected by the engineer incharge) 118.24 M2 1210.66 Flooring with marble stone of specified thickness as per sample of 143148.44 marble approved by Engineer-in-charge, over 20 mm (average) thick 33 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: 74.00 sqm 6175.39 CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT 15mm 456978.86 34 Cement plaster on the rough side of single or half brick wall of mix: 1 : 4 ( 1 cement : 4 fine sand) 1327.47  $m^2$ Painting with synthetic enamel paint of approved brand and 300.45 398838.36 35 manufacture to give an even shade (two or more coats on new work) 287.02 M2 Finishing walls with water proofing cement paint of required shade on 121.95 35002.09 36 New work (two or more coats applied @ 3.84 kg/10sqm) 681.81 M2 Providing & fixing of 0.63mm thick PGI sheets at construction joints 91.80 62590.16 37 including all leads and lifts complete job as directed by Engineer-incharge (For construction joint) 6.36 M2 800.00 Finishing with Epoxy paint (two or more coats) at all locations 5088.00 prepared and applied as per manufacturer's specifications including 38 appropriate priming coat, preparation of surface, etc complete on steel works 200.00 M2 Distempering with dry distemper of approved brand and manufacture 188.80 37760.00 39 (two or more coats) and of required shade on new work, over and including water thinnable priming coat to give an even shade 1100.78 M2 115.45 27085.05

Head Draftsman

contc. On 4th

Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (Cost includes PST, Filter House and Wash water Disposable Chamber) WSS Watrina

	Fplant (Cost includes PST, Filter House and Wash wat	er Disposa	ble Cha	mber) WSS V	Vatrina
	1 Sixing aluminum handles ISI marked at 17 4				
	Bing and tixing distinct reflects for marked anodized (anodic not less than grade AC 10 as per IS: 1868) transparent or isod colour and shade with processors.	1			1
1	Led to required colour and shock with necessary screws etc.complete	C. 24****			1
1	125mm	5.00	No	66.35	331.75
		40.00	No	52.30	2092.00
1	- and fixing giorning tower boils to marked anothers				
/.	reansparent or ayed to required colour or stade with necessary screws				
/"	otc. complete :				-
1	1.20×10 mm	5.00	No	80.35	401.75
11.0	100x10 mm	80.00	No	57.35	4588.00
11.02	Providing corrugated G.S sheets roofing fixed with playmercoatd J or		1		
	hooks, nuts & bolts 8mm dia with bitumen and G.I limpet washers	, I	1 1	1	
	tilled with white lead and including a coat of approved steel primer	'	1		
42	and two coats of approved paint on overlapping of sheets complete	,	1 1	1	
1.	funto a pitch of 60 degrees) excluding the cost of purlins, rafters and	١ ,	1 1		grand areas .
1	trusses. 0.50 mm thick with zinc coating not less than 275 gram/m2	211.94	m <sup>2</sup>	830.25	175963.19
	Providing ridges or hips width 60mm overall of G.S sheets fixed with		1		
١,	polymer coated J or L hooks nolts and nuts 8mm dia G.I Limpet and	(4)	1	1	
43	bitumen washers complete. 0.50 mm thick with zinc coating not less	50000	_ 1	1 202	17000
1	than 275 gram/m2	27.18	Rm	626.70	17030.57
- T	Providing and fixing plained eaves boarding. 2nd class kail wood	- 80 4 30=		1 000.05	43999.34
44	300x40 mm (nominal size)	44.05	Rm	998.85	43777.3
	Providing and fixing of 0.5mm Color GS Sheet Soffit boarding	• • • •		1	19822.8
45	including Backing, supports etc complete job	33.04	m2	600.00	17622.8
	Providing and fixing glazing in aluminum door, window, ventilator		1	1 4	L
	shutters and partitions etc. with EPDM rubber / neoprene gasket etc.				
- 1	complete as per the architectural drawings and the directions of			1	1
46	engineeringcharge. (Cost of aluminum snap beading shall be paid in	1	1	1	
	basic item.) With floating glass panes of 4.0 mm thickness (weight not			1070 :-	53608.5
	loss than 10.00 kg / sam)	30.00	M2	1072.17	330002
-	Providing & fixing of PVC under drainage laterals with specifications	3		1	
	1 15 4085. 8 IS-15801. 8mm thick tabricated out of				
17	l l with naminal dig of ymm perforations as per design	• 4	1	1	1
47	the standard of the standard with PVC lees did end cope	<b>-</b>	V6-1	1420.00	191700.0
j	grouted in concrete, the pressure rating of 10kg/sq cm 75 mm dia		Mtr	1990.00	9950.0
701		5.00	Mtr	1770.00	7730.
47.01	t wising for heating points with 4.0 square	n	1		
			-	=	
				,	
48				1	
. •	2 EDIS PVC insulated copper conductor single	15	١	1300.00	13000.
	2 sq.mm rkto rvc moduled copper conduits	10.00	No	1300.00	1.5555
	required. (excl cost of conduit) Heating points  Providing and carrying out wiring for light point/ fan point/ exhaust	st	1	A.	
	Providing and carrying out wiring for light pointy to pull the coppe	er		X	
	fan point/ call bell point with 1.5 square / recessed medium class PV	/C			1
	conductor single core cable in surface / recessor suitable GI box an	nd	1	1	
49	conduit, with modular switch, modular plate, to insulated coppe	er	1	1	
	earthing the point with 1.5 sq.mm FRLS 1700 most conductor single core cable etc. as required. (excl. cost of	of		824.55	24736
	conductor single core cable etc. as require	30.00	) No	024.33	
	conduit) Lighting points	1.0		1	
	Providing and carrying out wiring for fall control light per sq.mm FRLS PVC insulated copper conductor single core cable sq.mm FRLS PVC insulated copper conduit modular plate, suitable per pvC conduit modular plate, suitable pvC conduit modular plate pvC conduit modular plate pvC conduit modular pvC c	in	1	-	1
	sq.mm FRLS PVC insulated copper conducts modular plate, suitab	ble	١		1
50	surface / recessed medium class FVC conduit, medium FRIS PVC insulate	ed			-
0د	GI box and earthing the point with 2 sq. min the cost copper conductor single core cable etc. as required. (excl. cost	of		int 1215.55	8508
	copper conductor single core cubie etc. as together	7.00	poir		
_	conduit)	ong		1	~
	Supplying and fixing of 25mm dia, medium class two contains and with accessories in surface/recess including cutting the wall a with accessories in surface/recessed conduit as required.	nd	2	tr 103.50	15525
51	with accessories in surrace/recess incloding	150.0	O Mt	1,00,00	~ ^ ~
51	with accessories in surface/recess including control as required.  making good the same in case of recessed conduit as required.  Ceilling Fans complete in all respectively.	cts.	, in	2125.00	1 4250.
	- 1 200 mm sweep Celling Land	2.00	) No		1/X
52	2 Confirming to relevant Indian Standards				Type Engine
				-	- SHAND FUSIUE

Head Draftsman

contd. On 5<sup>th</sup>

Construction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (Cost includes PST, Filter House and Wash water Disposable Chamber) WSS Watring F of air blower standard make ISI mark capable of providing compression @ 15cum per minute @ 0.35 kgs/sqm suitable 3 phase induction electric mortar 40hp Kirloskar/ Crompton Graves make complete with auxiliary pipe system upto filter beds (two nos) filling pressure gauge Nozzles, cement concrete, black base plate air check valve, non return valve. ( 4.20 KLPM Air blower with 5.0 HP Motor.) 1.00 Set 87500.00 87500.00 Providing fitting testing and commissioning of following items for Flash Mixer: Mixer device with reduction gear system 3-phase Electrically 54 driven motor: 1,0 HP 1.00 4900.00 Mo 4800.00 2.10 KLTM AIT Blower with 2.0 HP Motor 1.00 Set 4548.00 54.01 4548.00 2.10 KLPM Air blower with 2.0 HP Motor 54.02 3.00 No 1680.00 5040.00 Providing, fitting, testing and commissioning of following items for Alum Dosing Unit-Mixing device with reduction gear 55 system. 1.00 Set 2500.00 2500.00 3-phase electrically driven motors: 1.0 HP 55.01 1.00 Set 4900.00 4800.00 Foundation / Base plate 55.02 1.00 4548.00 Set 4548.00 Starter along with necessary wiring upto motor 55.03 1.00 No 1680.00 1680.00 P.V.C outlet, overflow system with fittings upto point of application 55.04 1.00 530.00 530.00 Lot 150mm dia drain out let 55.05 1.00 1350.00 1350.CO Lot 55.06 50 mm dia Service water piping. 1.00 530.00 530.00 Lot 55.07 Constant dozing unit with time device 1500.00 1500.00 1.00 Set 55.08 Manually operated hoist 10000.00 10000.00 1.00 Set Providing, fitting, testing and commissioning of following items for 56 2500.00 Chlorine Dosing Unit- Mixing device with reduction gear system 1.00 2500.00 Set 3400.00 3400.00 56.01 3-phase electrically driven motors: 0.75 HP 1.00 Set 4548.00 4548.00 Foundation / Base plate. 1.00 Set 56.02 530.00 56.03 P.V.C outlet, overflow system with fittings upto point of application. 1.00 Lot 530.00 1.00 No 1680.00 1680.00 56.04 Starter along with necessary wiring upto motor 1350.00 1.00 1350.00 Lot 56.05 150 mm dia Drain out let 530.00 530.00 1.00 56.06 50mm dia service water piping Lot 1500.00 1500.00 1.00 Set 56.07 Constant dozing unit with time device 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 57 includes nuts bolts and embedding of supports in cement concrete 3.00 4250.00 12750.00 blocks complete job. Providing and fitting of: 100 Amp 4 pole change over of reputed 58 7598.00 1.00 7598.00 No 9100.00 4550.00 2.00 No 58.01 100 Amp-Copper bus bar 6000.00 3300.00 2.00 No 58.02 100 Amp MCCB 27000.00 2700.00 10.00 No 58.03 63 Amp MCCB 4200.00 2100.00 2.00 No 40 Amp MCCB 58.04 10000.00 1250.00 8.00 No 16 Amp MCCB 58.05 5040.00 630.00 8.00 No 58.06 6 Amp MCCB 5340.00 445.00 12.00 No 3-phase indicator points 58.07 3570.00 1190.00 3.00 No 58.08 3-phase voltmeter and Amperemeters Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 59 pin 5/6A & 15/16 A modular socket outlet and 15/16 A modular 5692.50 569.25 10.00 No. switch, connections etc. as required. Supply and fixing of two module stepped type Electronic Fan regulator on the existing modular plate switch box including 60 1573.20 393.30 No. 4.00 connections but excl cost modular plate etc., as required. 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 61 DB complete with connections, testing and commissioning etc. as 2745.20 228.85 No. 12.00 Supplying and fixing double pole 63 Amp 240V, 10 kA, "C" curve,

Head Draftsman

Executive Engineer

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No.

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miniature circuit breaker suitable for inductive load in MCB DB

complete with connections, testing and commissioning etc. as required.

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consider flams etc. directly en ceiling/ well, industing connections with and with processor of the control of the processor of the control		all respectively, testing and commissioning of pre-wired, fluorescent fitting/			-	V			
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testington, testing and commissioning of celling fan, including wiring instancion, testing and commissioning of celling fan, including wiring the down rods of standard length (up to 30 cm) with 1.5 ts, nm FRLS 2.00 No. 174.45 1252.35 installation of exhaust fan in the existing opening, including making opening installation of exhaust fan in the existing opening, including making opening with earth wite with the following size of FRLS PVC insulated capper conductor, single core cable in surface/ recessed medium class PVC concuit as required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required (exit, cost of conditin) 244.24 or, and this required will be post of exit properties of exit p	1.5	1.5 sq. mm FRES PVC insurated, copper conductor, single core cable	20.00	No.	1	93.20	3864.00		
hastoenon, testing this distribution to 30 cm) with 1.5 sq. mm FRIS he will be provided a context of the state of required.  2.00 No. 126.65 323.30 No. 126.		and earthing etc. as required.							
Sect modeland, connection, tenting, commissioning etc. as required.		Installation, testing and commissioning of centry ran, metading with 1.5 sq. mm FRLS				Ţ			
natellotien of exhaust fon in the existing opening, including making of earloage, commissioning et as required.  80 earloage connection, testing, commissioning et as required with the following sizes of FRIS PCV insulated copper conductor, single core cable in surface/ recessed medium class PVC conceil as required (excl. cost of condult)? 245 came 11-143 came earlt wire conductor, single core cable in surface/ recessed medium class PVC conceil as required (excl. cost of condult)? 245 came 11-143 came earlt wire connected (excl. cost of condult)? 245 came 11-143 came earlt wire connected (excl. cost of condult)? 245 came 11-143 came earlt wire connected (excl. cost of condult)? 245 came 11-143 came earlt wire connected (excl. cost of condult)? 245 came 11-143 came	46	the down roas of standard letign top to see cable etc. as required.	2.00	No.	1	96.65	303.30		
Social description of the democracy connection, testing, commissioning etc. as required.   Social description of the democracy control of the de		pvC instituted, construct fan in the existing opening, including making							
Providing and carrying out circuit/ submain wiring along with earth wire with the following sizes of FRLS PCC insulated oppoper conductor, single core cable in surface/ recessed medium class PVC conceil as recuired (excl. cost of conduit)) 2-45,cmm + 1-45,qmm earth wire received (excl. cost of conduit)) 2-45,cmm + 1-45,qmm earth wire received (excl. cost of conduit)) 2-45,cmm + 1-45,qmm earth wire received (excl. cost of conduit)) 2-45,cmm + 1-45,qmm earth wire received (excl. cost of conduit)) 2-45,cmm + 1-45,qmm earth wire required. (Bit visitous to board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder pointed including—earthing etc. os required. (Bit visitous NCS/PCCR/Isolaton)  Providing/ Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fobricated from MS tube neavy quality nominal thickness farm, conforming to relevant Indian Standard (S1239 and/or IS 1101 read with up to date amendments. The pipe—material should be of standard quality and must withstand all the onticipated design pressure ratings. The work should be leakproof and should be pointed with anti corrosive red oxide primer. Complete Job. (150mm dio/200mmdio)  Providing and fixing DI. sluice valves of rating (RN-1.d) class-sly: (with a cop) coincipite with boths, must, rubber insertions etc. (the tatil pices if required will be paid separately). Confirming to IS:14846 read with latest amendments.  17.0 200mm dio  17.0 200mm dio  18.0 No No 142300.00 211500.00  Finishing with Epoxy point (two or more cost) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete On sections, trusses and frame all complete on propried and propried earth of the surface of the Installation Testing and Commissioning of Holf Bridge with Central Drive mechanism, scrapper and churners for required dicClarifer.  18.3 On No 188.80 1038.40 138.40 148.50 No 188.80 103	1/17	Installation of extraction, testing, commissioning etc. as required.	3.00	No.		417.45	1252.35		
sire with the following sizes of FRLS PVC insolated copper conductor, and such as the provided (excl. cost of conduit) 2x4sq.mm esth wire sophylog and fixing 12-way doubte door, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with timed copper bus born, neutral bus born, esth find bur, interconnections, powder pointed including—earthing etc. as required. (But without MCB/RCCB/Isolator)  Providing/ Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fabricated from MS tube neavy quality naminal thickness fam, conforming to relevant Indian Standard Is-1239 and/or IS 1161 read with up to date amendments. The pipe moterial should be of standard quality and must withstand all the anticipated design pressure ratings. The work should be leakproof and should be pointed with anti-corrosive red oxide primer. Complete Job. (150mm dia/200mmdia)  Providing and fixing DL sluice valves of-roting (PN-1.6) class-lsr (with complete with bots, must, subber insertions etc. (the tall pieces if required will be pointed with anti-corrosive red oxide primer. Complete is required will be pointed with anti-corrosive red oxide primer. Solution of the properties of the lastallation feeting and Commissioning of MS Rotating Desludging Bridge comprising of following items: Structural steel work in built up sections, trusses and framed work, including cutting, hosting, riking in position and pophyling 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	0/	good the dameger control of submain wiring along with earth							
single core cable in surface/ recessed medium class PVC concult os required (excl. cost of condult) 2x4syam +1x4syam earth wire 200.00 m 230.00 46000.00 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. os required. (But without MCB/RCCS/bollator)  Providing/ Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fobricated from MS tube neavy quality nominal thickness 6mm, conforming to relevant Indian Standard III-139 and/or III-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 leaktproof and should be painted with entil corrosive red oxide primer. Complete Job. (150mm dia) 200mmdia)  Providing and fixing DI. sluice volves of-rating (PN-1.6) class-lst (with cop) complete with bolts, nuts, rubber insertions etc. (the talt pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.  71.01 200mm dia 6.00 No 26720.00 160320.00  71.02 150mm dia 6.00 No 26720.00 160320.00  72.01 200mm dia 6.00 No 26720.00 160320.00  73.03 80mm dia 6.00 No 188.80 10384.00  74.05 P/F testing and commissioning of MS Rotating Desludging Bridge comprising of following items: Structural steel work in built up sections, trusses and fromed work, including acting, hasting, fixing in position and applying a priming coat of approved steel primer all complete for the Installation Testing and Commissioning of Holf Bridge with Central Drive mechanism, scrapper and churners for required dioClarifer.  73.01 Welded 18.00 No 1880.00 No 1880.00 No 1880.00 No 1880.00 No 1880.00 No 1880.00 No 7300.00 No 7300.		roviding the following sizes of FRLS PVC insulated copper conductor,		1			1		
required (excl. cost of conduit) 2x4sq.mm + 1x4sq.mm earth wire 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 bur, rearth of hor, interconnections, powder pointed including—earthing arc. os required. (But without MCB/RCCD/Isolator) Providing/ Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fibricated from MS tube neavy quality mominal thickness farm, conforming to relevant Indian Standard Is-1239 and/or IS 1161 read with up to date amendments. The pipematerial should be of standard quality and must withstand all the anticipated design pressure ratings. The work should be leakproof and should be pointed with anti corrosive red oxide primer. Complete Jub. (150mm dio/ 200mmdio) Providing and fixing DL sluice valves of-roting (PN-Lo) dast-str (with cop) complete with bolts, nuts, rubber insertions set, (the tail) pices if required will be paid separately). Confirming to IS:14846 read with latest amendments.  71.01 200mm dio 5.00 No 42300.00 211500.00 Finishing with Epoxy point (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming cost, preparation of surface, et complete On steel work  72.01 On concrete work  72.01 On concrete work  73.01 Welded Central Drive mechanism, scrapper and churners for required dioClarifer.  73.01 Welded Central Drive mechanism, scrapper and churners for required dioClarifer.  74. Central Drive mechanism, scrapper and churners for required dioClarifer.  75.02 1.0 PP Seripheral drive assembly with following mators, gear box, rollers, drive trally (601) reduction geer box). Pumping unit with 5.0 Hill Moder.  75.02 1.0 PP Seripheral drive assembly with following mators, gear box, rollers, drive trally (601) reduction geer box). Pumping unit with 5.0 Hill Not Provided Series of the provided series of the provided series of the provided series of the pr	68	single care cable in surface/ recessed medium class PVC concuit as							
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 pointed including—earthing etc. os required. (But without MCB/RCCB/Isolator)  Providing/ Fixing, installation, successful commissioning of double flanged MS pipes/specials to be fobricated from MS tube neavy 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 catings. The work should be leakproof and should be painted with anti corrosive red oxide primer. Complete Job. (150mm dio/200mmdio)  Providing and fixing ID. sluice valves of roting (PN-1.6) class-lst (with cap) complete with botts, nuts, rubber insertions etc. (the tail pieces if required will be poid separately). Confirming to IS;14846 read with latest amendments.  71.01 200mm dia 5.00 No 42300.00 211500.00  71.02 150mm dia 5.00 No 26720.00 160320.00  72.01 30mm dia 5.00 No 188.80 10384.00  73 and material should be open the standard and should be properly and shoul		required (excl. cost of conduit) 2x4sq.mm +1x4sq.mm earth wire	200.00	m		230.00	46000.00		
theet steel, MCB distribution board, 240 V, on surface/ recess, of popular with tinned copper but she or, neutral bus bar, earth bus, earth e		Supplying and fixing 12-way double door, single pole and neutral,			7	1			
complete with tinned copper bus bor, neutral bus bor, earth bar, din bar, interconnections, powder pointed including -earthing etc. or required. (But without MCB/RCCB/Isolator)  Providing/ Fixing, installation, successful commissioning of double flonged MS pipes/specials to be tabricated from MS tube neavy quality nominal thickness dmm, conforming to relevant Indian Standard Is-129 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 pointed with anti corrosive red oxide primer. Complete Job. (150mm dia/200mmdia)  Providing and fixing DJ, sluice valves of rating (PN-1.6) class-lst (with cap) corriplete with bolts, nuts, rubber insertions etc. (the toil pieces if required will be poil separately). Confirming to Isi14846 read with latest amendments.  10.00 200mm dia  10.01 150mm dia  10.01 200mm dia		sheet steel, MCB distribution board, 240 V, on surface/ recess,				1	1		
bor, interconnections, powder painted including-earthing etc. os required. (But without MCS RCCE (Stolator)  Froviding/ Fixing, installation, successful commissioning of double flonged MS pipes/specials to be fabricated from MS tube neavy quality monital historiess 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 pointed with anti corresive red oxide primer. Complete Job. (150mm dia/200mmdia)  Providing and fixing D.I. sluice valves of rating (FN-1.6) class-lst (with cap) complete with bolts, units, rubber insertions etc. (the tail pieces if required will be pold separately). Confirming to IS:14846 read with latest amendments.  71.01 200mm dia  71.02 150mm dia  72.01 30mm dia  73.01 Welded  74. Central Drive mechanism, scrapper and churners for required diclorifer.  75.01 interconnections, powder painted in chuding parts of the last latest amendments.  76.02 1.04 Eventral Drive mechanism, scrapper and churners for required diclorifer.  77. The providing and fixing and position of surface, etc complete On steel work  78. On concrete work  79. On concrete work  79. On concrete work  70. On concrete work  71. On concrete work  71. On concrete work  72. On concrete work  73. On the concentration of surface, etc complete on the interpolation of the province of the interpolation of the province of the interpolation of the province of the province of the province	1	complete with tinned copper bus bar, neutral bus bar, earth bar, din				1			
Providing of Existing, installation, successful commissioning of double flonged MS pipes/specials to be fabricated from MS tube neavy 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 leakness of the conforming to relevant Indian Standard III the anticipated design pressure ratings. The work should be leakness of the conforming to relevant Indian Standard III the anticipated design pressure ratings. The work should be leakness of the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.  71.01 200mm dia 5.00 No 42300.00 211500.00 1.00 No 26720.00 1.60320.00 1.00 No 26720.00 1.60320.00 1.00 No 26720.00 No 28116.00 1.00 No 28116.00	".	bar, interconnections, powder painted including earthing etc. as	9170121		- 1	2242.05	7093.95		
flonged MS pipes/specials to be fabricated from MS tube neavy 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. (150mm dia/200mmdia)  Providing and fixing D.I. sluice valves of rating (PN-1.6) class-lst (with cop) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.  To providing a defixing D.I. sluice valves of rating (PN-1.6) class-lst (with cop) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.  To providing and fixing D.I. sluice valves of rating (PN-1.6) class-lst (with cop) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required with latest amendments.  Soon No 42300.00 211500.00  To provide priming cool paid as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete On steel work  To no concrete work  P/F 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 cool of approved steel primer all complete for the Installation Testing and Commissioning of Half Bridge with Central Drive mechanism, scrapper and churners for required diaClarifer.  To provide drive assembly with following motors, gear box, rollers, drive trally (60:1 reduction gear box). Pumping unit with 5.0 HP Motor.  To provide drive assembly with following motors, gear box, rollers, drive trally (60:1 reduction gear box). Pumping unit with 5.0 HP Motor.  To provide drive assembly with following motors, gea			3.00	No	».	2360.95	7062.63		
quality nominal hickness 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. (150mm dia/200mmdia)  Providing and fixing D.I. sluice valves of rating (PN-1.6) class-last (with conjugate of the paint of the pipe of the paint of the pipe of the paint o	-		*		1	- t			
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. (150mm dia/200mmdia)    Providing and fixing DJ. sluice valves of rating (PN-1.6) class-Jst (with cop) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.    71.01			<del></del>	1.		1			
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. (150mm dia/200mmdia)  Providing and fixing D.I. sluice valves of rating (PN-1.6) class-lst (with control with botts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately). Confirming to IS:14846 read with latest amendments.  71.01 20mm dia  71.02 150mm dia  72.103 80mm dia  73.01 Epishing with Epoxy point (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc complete On steel work  72.01 On concrete work  72.01 On concrete work  73.01 Velded  74. Central Drive mechanism, scrapper and churners for required diaClarifer.  75.01 Welded  76. Peripheral drive assembly with following motors, grear box, rollers, drive trally (0:1) reduction gear box.) Pumping unit with 5.0 HP Motor.  75.01 Starter along with necessary wiring upto motor  76. Incoming coble, telescopic electric pole with rotary current collector  76.02 Incoming coble, telescopic electric pole with rotary current collector  76.06 Incoming coble, telescopic electric pole with rotary current collector  76.07 Incoming coble, telescopic electric pole with rotary current collector  77.08 Incoming coble, telescopic electric pole with rotary current collector  78.09 Incoming coble, telescopic electric pole with rotary current collector  78.00 Incoming coble, telescopic electric pole with rotary current collector  78.01 Incoming coble, telescopic electric pole with rotary current collector  78.02 Incoming coble, telescopic electric pole with rotary current collector  78.06 Incoming coble, telescopic electric pole with rotary current collector			*		4,	. 1			
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75.01         Starter along with necessary wiring upto motor         1.00         No         1680.00         1680.00           75.02         1.0 HP         1.00         No         7300.00         7300.00           76         Incoming cable, telescopic electric pole with rotary current collector         1.00         Set         6500.00         0         6500.00			1	,	Sat	24248 0	24248.00		
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lead Draftsman

contd. On 7<sup>th</sup>

econstruction and successful testing and commissioning of 0.10 MGD Rapid Sand Eitration plant (Cost includes PST, Filter House and Wash water Disposable Chamber) WSS Watrina installation and successful testing and commissioning of mono pumping unit standard make ISI mark coupled with 2 phase pumping capacity so as to fill the induction in the max. of 2 hours with nominal dynamic head of 25m tonk with all accessories like fact with all accessories fronk with all accessories like foot valves, non- return valves, along block, base plate, suction pipe, suitable rising main with foundation of the following foundation of the foundation of the foundation of the following foundation of the foll accessories required for the job. (Pumping unit with 5.0 HP Motor.) 20268.00 2.00 Job 40535.00 P/F, testing, commissioning of drive assembly unit for charners of floculator with 3 phase induction mortor 2 HP capacity with Radicon reduction gear system and paddle set fixed on C/C base with base 12500.00 12500.00 1.00 job 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 79 transformer to the main panel board including copper thimbles, earth 48750.00 work excavation and filling for laying of cable complete. 150.00 M 325.00 Providing and fitting at site 3-phase, Voltage stabilizer of following ratings, oilemersed, of standard make and quality including accessories as required. The job includes making of connections with 80 main panel board and service line. To be paid in fitted and finished 42000.00 42000.00 Job form after testing on full load capacity, complete job. 25 KVA 1.00 Providing, fitting and testing of LED flood light IP65 30W rating to 81 12000.00 1500.00 8.00 pre-wired electric points on the outside of the Filter House building. Supply of 200 mm nominal sweep Exhaust Fans including shutter from outside complete.Confirming to relevant Indian Standards incl 82 Installation of exhaust fan in the existing opening, including making 1550.00 4650.00 3.00 No good the damage, connection, testing, commissioning etc. as required. Providing and laying/fixing S&S Centrifugally Cast (Spun)/ Ductile 83 Iron Pipes Class K-7 conforming to IS: 8329. 42834.00 22.00 Mtr 1947.00 200mm dia supply main to SR/Washout 83.01 34787.50 22.00 1581:25 mtr 83.02 150mm dia washout in pipe gallery Providing push on joints to cetrifugally cast spun iron S&S pipes 83.03 excluding cost of pipes. 5.00 213.00 1065.00 No 83.04 200mm dia supply main to SR 723.50 144.70 5.00 83.05 150mm dia washout in pipe gallery No Carraige of materials from source to road site of work by mechanical transport including loading, unloading and stacking 84 :- Cement / Steel /Structural steel for an avg. lead of 10 K.m. 129.00 MT 183.35 23652.15 84.43 700.37 59132.24 Sand for 50 Km's m3 84.01 137.00 522.62 71598.94 20mm Aggregates for 40Km's m3 84.02 13.71 761.25 10436.74 84.03 40mm Aggregrates for 50 Km's m3 40801.74 15339.00 2.66 84.04 Bricks for 80 Km's No TOTAL 11365747.00

Rs.1,22,75,000.00

909259.00

(Rupees One Crore Twenty Two Lacs Seventy Five Thousand only)

(Allotted rate @ 8% above on all items of work)

Head Draftsman

Executive Engineer PHE (Hyd) Division Bandipora

## ANNEXURE "B"

nuction and successful testing and commissioning of 0.10 MGD Rapid Sand Filtration Plant (cost pst, Filter House and Wash Water Disposable Chamber) WSS Watring

## S AND CONDITIONS

The work shall be executed strictly as per approved design / drawing, specifications and JJM Guidelines. Any deviation or change in proposal/location is subject to the prior approval from the competent authority.

The rates allotted are inclusive of all taxes applicable as per norms amended by competent authorities from time to time. Labour cess and royalties shall have to be borne by the executing agency/contractor.

- The execution of work shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department
- No liability should be created on this account.
- This letter of allotment will constitute a legal contract between the government and the contractor and the conditions as laid down in the master NIT for 2022-2023 and PWD Form No. 25 (Double) will also hold good even before the drawl of an agreement between the Government and the contractor.
- That the date of start of the work shall be reckoned within two days from the date of issue of 06. Letter of Intent issued vide this office No PHE/Hyd/Bpr/JJM/3164-75 dated 21/07/2022 and in case of delay on the part of the contractor in execution of the work within stipulated time of completion a penalty upto 10% of contract value shall be imposed upon him.
- The total amount of work should not exceed Rs.1,22,75,000.00 in any case. 07.
- The contractor has deposited 3% Performance Security amounts to Rs.3,70,000.00 bearing No. 08. 20032303449000042 dated 20/03/2023 in shape of earnest money (FDR) through HDFC Bank Branch Unit Bandipore and which has been retained in the divisional office and shall be released after the successful completion/ commissioning of work and after observing DLP
- In case the contractor fails to execute the work, the work shall be put to fresh tenders on the risk 09. and cost of the contractor & the excess cost if involved shall be recovered from the contractor and strict action as warranted under contractual obligation shall be taken against the defaulter
- The time of completion of the work is reckoned 150 Days (One Fifty Days) as per the condition 10. laid down in the e-NIT.
- The firm shall be bound for satisfactory performance of works for 18 months after 11. the successful commissioning of subject work. If during warranty period any malfunctioning/ defects arise, the firm shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm to remove the defect, the department may get the defects removed/repaired by any other agency and cost thereof shall be recovered from the im and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting
- After testing and commissioning of work, the bidder will have to make a trial run of 12. 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 defects Liability period shall be for a period of 12 Months which shall 13. 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 as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months
- In the event of allottee failing, 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

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enforce in the UT:
rminate the contract after 15 days' notice
and/or

tecover the amount of loss caused by damage, failure or default, as be determined by the department.

and/or

c). Recover the extra cost, if any, involved in allotting contract to other party.

d). Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract.

and/or

- 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 of 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
- 16. 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
- 17. The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the allotee
- 18. 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.

  19. The hidder shall not consequence of the performance of the Contract are the light and the light are the light and light and light are the light are the
- 19. The bidder shall not sublet the whole or part of the work. The bidder shall not assign the work or any part thereof or any benefit or any interest thereon or any claim arising of the contract, without prior written consent of the allotting authority
  20. From the commencement of the great state.
- 20. From the commencement of the work to the completion thereof the same shall be under the bidder's 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 to property the part of the bidder, or any of his employees, during the execution of work. The existing labour laws of the country
  - 21. The bidder shall make his own arrangements for the engagement of all types of the labour, required for the execution of the job. No workman below the age of 18 of all labour laws and the rules framed there under
    22. The bidder shall comply with the provisions
  - 22. The bidder shall at his own cost make arrangements for proper storage especially towards Rain and Snow damages of the equipment/ materials at sites till its Engineer in charge construct temporary storage accommodation for equipment/ work

    23. The bidder shall at his own cost make arrangements for proper storage especially expectable at sites till its Engineer in charge construct temporary storage accommodation for equipment/ work
    - 23. 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

Public

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dder/firm shall make his own arrangement, at his own cost, for all lines, dual power points, etc. to the machinery and plant required by him for the testing and commissioning of the equipment ordered on him. The bidder pay for all electrical energy consumed by him for this purpose at the evalent electricity tariff in J&K State. Such charges shall be paid by the bidder/firm directly to the Power Corporation and the bidder's final bill shall be settled only after he gets a no outstanding certificate from the concerned Electric Division.

The Division shall not be responsible, and the bidder shall have no claim whatsoever for any interruption in power supply or voltage fluctuation or total cut off at the site. The bidder/firm must provide an alternative source of power, at his own cost, at the site for completion of the work. The bidder shall make his own arrangements for water to be used for the execution/Hydro-testing/ water

tightness Test/ Curing, labour colony, Site Office etc Forfeit the performance security and blacklist the firm

25. Geo Tagged Photographic evidences of the work; pre-execution, during execution 26. and post execution should be maintained by the agency on his own expenses

agency/contractor must execute the 27. requirements/specifications detailed in the relevant/applicable IS codes

The tests for concrete and allied materials shall have to be carried out at reputed 28. institute as per directions of Engineer in-charge and the charges for the same shall have to be borne by the executing agency/contractor

All Environmental norms, labour laws and all other guidelines issued by competent 29. authorities shall be followed in letter and spirit

The payment of work shall be made as and when the funds are available to the 30. tune within available provision of DPR by the competent authority under the proper scheme/ account head.

- As soon as letter of award is communicated to the firm, the contract shall be 31. complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.
  - Nothing shall be paid to the contractor on account of dewatering/ diversion even if 32. involved at site of work.
  - If the Contractor have not start the work within 15 days of issuance of this letter of 33. intent, the contract shall be cancelled at the risk and cost of contactor without serving any notice. The Assistant Ex. Engineer concerned shall intimate this office regarding the same.

All other terms and conditions as laid down in Master E-NIT, Tender documents and PWD form 25 shall remain in force.

> **Executive Engineer** PHE (Hyd) Division Bandipore

Dist Assi. WAI M/s

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