## **DETAILED ESTIMATE**

Jal Jeevan Mission (JJM)-JJM PROVIDING FHTCS TO ALL HOUSEHOLD IN ERATTAYAR AND KAMAKSHI (PART) PANCHAYATHS IN IDUKKI DISTRICTS-Construction of new 5 MLD Water Treatment Plant-Structural Design Work

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
1	Construction of A	erator								
1.001	2.9.3									
	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.Hard rock (blasting prohibited)									
	excavation for	footing	A	W/\						
	central column	1	2.500	2.500	1.400		8.750			
	Total						8.750			
				To	otal Quantit	y in cum	8.750			
1.002	OD69995/2022-20	)23		711						
	cm long including drilling l with cement grout etc complete dowell bar	holes of 2 (0.100kg	0 mm dia to /hole)	a depth of 10	00 cm in rock	and filling	ng the gap			
	central column	8					8.000			
	Total			•			8.000			
				ŗ	Total Quant	ity in no	8.000			
1.003	4.1.2									
	Providing and layi of centering and sh sand: 3 graded sto	nuttering -	- All work up	to plinth lev	pecified grad vel:1:1/2:3 (c	de exclud ement : 1	ing the cost 1/2 coarse			
	levelling cour	se								
	central column	1	2.500	2.500	0.300		1.875			
	Total						1.875			
				To	otal Quantit	y in cum	1.875			
1.004	5.33.1									

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exce separately.All wor	oncrete for esign mix, of centerion mmended workabilitieer - in-chess or less	r reinforced ce including pun ng, shuttering, proportions a ty without imparge. Note:- C cement used a	ement concre nping of con , finishing an s per IS: 910 pairing stren Cement conte	ete work, us acrete to site and reinforce 3 to acceler gth and duratent consider	ing cement of laying ment, included a contract of the contract	nt content g but luding d setting of per item is @
	column footi	ng	2.400	2.400	0.400		2.304
	step 1 central column	1	2.300	2.300	0.400		1.587
	central column step 3	1	3.14*(0.4 225- 0.1225)/4	2.300	0.400		0.094
	Total		a Ka		•		3.985
			(P)(G)	Tot	tal Quantity	y in cum	3.985
1.005	5.33.2 Providing and layi 25 grade cement c	oncrete fo	r reinforced ce	patched and ement concre	machine mi	ing cemen	nt content
1.005	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce	oncrete for esign mix, of centerion mmended workabilitieer - in-chess or less	r reinforced ce including pun ng, shuttering, proportions a ty without imparge. Note:- C cement used a	patched and ement concre nping of con , finishing an s per IS: 910 pairing stren dement contents	machine miete work, us crete to site and reinforce 3 to acceler gth and dura ent consider mix is paya	ing cement of laying ment, included a contract of the contract	nt content g but luding d setting of per item is @
1.005	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine	oncrete for esign mix, of centerion mmended workabilitieer - in-chess or less	r reinforced ce including pun ng, shuttering, proportions a ty without imparge. Note:- C cement used a	patched and ement concre nping of con , finishing an s per IS: 910 pairing stren dement contents	machine miete work, us crete to site and reinforce 3 to acceler gth and dura ent consider mix is paya	ing cement of laying ment, included a contract of the contract	nt content g but luding d setting of per item is @
1.005	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce	oncrete for esign mix, of centerion mmended workabilitieer - in-chess or less	r reinforced ce including pun ng, shuttering, proportions a ty without imparge. Note:- C cement used a linth level upto 3.140*(0.4225-	patched and ement concre nping of con , finishing an s per IS: 910 pairing stren dement contents	machine miete work, us crete to site and reinforce 3 to acceler gth and dura ent consider mix is paya	ing cement of laying ment, included a contract of the contract	nt content g but luding d setting of per item is @ coverable
1.005	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exce separately.All wor	oncrete for esign mix, of centering of centering workabilities or less	r reinforced ce including pun ng, shuttering, proportions a ty without implare. Note:- C cement used a linth level upto 3.140*(0.4225-0.1225)/4 3.140*(1.8225-	patched and ement concre nping of con , finishing an s per IS: 910 pairing stren dement contents	machine miete work, us crete to site nd reinforce 3 to acceler gth and duratent consider mix is payavel	ing cement of laying ment, included a contract of the contract	nt content g but luding d setting of per item is @
1.005	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exce separately.All wor	oncrete for esign mix, of centering of cente	r reinforced ce including punng, shuttering, proportions a ty without implare. Note:- Coment used a linth level upto 3.140*(0.4225-0.1225)/4 3.140*(1.	patched and ement concre nping of con , finishing an s per IS: 910 pairing stren dement contents	machine miete work, us crete to site nd reinforce 3 to acceler gth and duratent consider mix is payavel	ing cemer of laying ment, included rate, retard ability as ped in this able or reco	nt content g but luding d setting of per item is @ coverable
1.005	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce separately.All wor .  Central column  Top Tray	oncrete for esign mix, of centering of cente	r reinforced ce including punng, shuttering, proportions a ty without implared. Note:- Comment used a linth level upto 3.140*(0.4225-0.1225)/4 3.140*(1.8225-0.4225)/4 3.140*(3.8-	patched and ement concre nping of con , finishing an s per IS: 910 pairing stren dement contents	machine miete work, us crete to site nd reinforce 3 to acceler gth and duratent consider mix is payavel	of laying ment, included a second sec	nt content g but luding d setting of per item is @ coverable  1.649

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Side wall of collection tray (outer)	1	3.14*4	0.100	0.300		0.377
	Total						5.139
				To	tal Quantity	y in cum	5.139
1.006	5.34.1						
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340	content use tead of M	ed is payable/	recoverable recoverable	separately.F	Providing	M-30
	Item no. 4&5	1	3.985+5. 139				9.124
	Total		·				9.124
			Л	To	tal Quantity	y in cum	9.124
1.007	5.9.1		018	5770			
	Centering and shu footings, bases of				removal of f	orm for:F	oundations,
				<b>+</b>			
	column bed	1	2.5*4		0.300		3.000
	column step 1	1	2.4*4	W FOR THE M	0.400		3.840
	column step 2	1	2.3*4		0.300		2.760
	column step 3	1	3.14*.65		0.400		0.816
	Total						10.416
				To	tal Quantit	v in sqm	10.416
1.008	5.9.6					<u> </u>	
11000	Centering and shur Pillars, Piers, Abur	ttering inc tments, Po	cluding strutti osts and Strut	ng, etc. and	removal of fo	orm for:C	olumns,
	central column						
		1	3.14*0.65		6.400		13.062
	Total						13.062
				To	tal Quantit	y in sqm	13.062
1.009	5.9.16.1					· · · · · ·	
1.009	Centering and shu Edges of slabs and					orm for:	
	Edges of trays						
	Top Tray	1	3.14*1.35				4.239
	Tray 2	1	3.14*1.95				6.123
	_	1					
	Tray 3	1	3.14*2.55				8.007

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
				Tota	al Quantity	in metre	18.369
1.010	5.9.2						
	Centering and shuthickness) includir						
	Side Wall Co	llection T	rays &	Channel			
	Collection tray Outer Side wall (outer side	1	3.14*4.2	0.450			5.935
	Collection tray Inside Side	1	3.14*4	0.300			3.768
	Total						9.703
				To	otal Quantit	y in sqm	9.703
1.011	5.9.3						
	Centering and shufloors, roofs, landi					form for:S	uspended
	Top Tray	1	3.14*(1.8 225- 0.4225)/4	3-16			1.099
	Tray 2	1	3.14*(3.8 0- 0.4225)/4	M FOR THE M WORKS	ANAGEMENT		2.651
	Tray 3	1	3.14*(6.5 - 0.4225)/4				4.771
	Collection Tray	1	3.14*(16- 0.4225)/4				12.228
	Total						20.749
				To	otal Quantit	y in sqm	20.749
1.012	5.22.6						
	Steel reinforcemer in position and bin bars of grade Fe-5	ding all c	omplete upto				
	•					г	
		1	3.985+5. 139			120.00 0000	1094.880
	Total						1094.880
				Total (	Quantity in k	kilogram	1094.880
1.013	13.1.1						
	12 mm cement pla	ster of mi	x:1:4 ( 1 cen	nent: 4 fines	sand)		

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Top tray 1	2	3.14*(1.8 225- 0.4225)/4				2.198
	tray 2	2	3.14*(3.8 0.4225)/4				5.303
	tray 3	2	3.14*(6.5 0.4225)/4				9.542
	Collection tray	2	3.14*(16- 0.4225)/4				24.457
	central column	1	3.14*.65		6.400		13.062
	Top side of tray & Channel	1	3.14*5.5* 5.5/4				23.746
	Top tray 1 edge	1	3.14*1.35		0.150		0.636
	Tray 2 edge	1	3.14*1.95	A.	0.150		0.918
	Tray 3 edge	1	3.14*2.55	5/10	0.150		1.201
	collection Tray edge	1	3.14*4		0.150		1.884
	Total			-			82.947
				To	otal Quantity	in sqm	82.947
1.014	13.43.1		e-PLATFORM OF PUBLIC V		ANAGEMENT		
	Applying one coat manufacture on wa					rand and	
	Paint						
	Top tray 1	2	3.14*(1.8 225- 0.4225)/4				2.198
	Top tray 1 tray 2	2	225- 0.4225)/4 3.14*(3.8				2.198 5.303
			225- 0.4225)/4 3.14*(3.8 - 0.4225)/4 3.14*(6.5				
	tray 2	2	225- 0.4225)/4 3.14*(3.8 - 0.4225)/4 3.14*(6.5 - 0.4225)/4 3.14*(16-				5.303
	tray 2	2	225- 0.4225)/4 3.14*(3.8 - 0.4225)/4 3.14*(6.5 - 0.4225)/4 3.14*(16- 0.4225)/4		6.400		5.303 9.542
	tray 2 tray 3 Collection tray	2 2	225- 0.4225)/4 3.14*(3.8 - 0.4225)/4 3.14*(6.5 - 0.4225)/4 3.14*(16-		6.400		5.303 9.542 24.457
	tray 2  tray 3  Collection tray  central column  Top side of tray	2 2 1	225- 0.4225)/4 3.14*(3.8 0.4225)/4 3.14*(6.5 0.4225)/4 3.14*(16- 0.4225)/4 3.14*.65 3.14*5.5*		6.400		5.303 9.542 24.457 13.062
	tray 2  tray 3  Collection tray  central column  Top side of tray & Channel	2 2 2 1 1	225- 0.4225)/4 3.14*(3.8 - 0.4225)/4 3.14*(6.5 - 0.4225)/4 3.14*(16- 0.4225)/4 3.14*.65 3.14*5.5* 5.5/4				5.303 9.542 24.457 13.062 23.746

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	collection Tray edge	1	3.14*4		0.150		1.884
	Total						82.947
				To	otal Quantity	y in sqm	82.947
1.015	13.60.1						
	Wall painting with an even shade:Two				d brand and r	nanufactu	re to give
	Paint					_	
	Top tray 1	2	3.14*(1.8 225- 0.4225)/4				2.198
	tray 2	2	3.14*(3.8 0.4225)/4				5.303
	tray 3	2	3.14*(6.5 0.4225)/4				9.542
	Collection tray	2	3.14*(16- 0.4225)/4				24.457
	central column	1	3.14*.65	<b>J</b>	6.400		13.062
	Top side of tray & Channel	1	3.14*5.5* 5.5/4	FOR THE M	ANAGEMENT		23.746
	Top tray 1 edge	1	3.14*1.35	YUPAKS	0.150		0.636
	Tray 2 edge	1	3.14*1.95		0.150		0.918
	Tray 3 edge	1	3.14*2.55		0.150		1.201
	collection Tray edge	1	3.14*4		0.150		1.884
	Total						82.947
				To	otal Quantity	y in sqm	82.947
1.016	22.23.2						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and app waterproofing trea water tanks, roof s tunnels	tment to t labs, podi	he RCC stru lums, reservi	ctures like re or, sewage &	taining walls camp; water t	s of the ba treatment	sement, plant,
	/ subway and bridg integral crystalline integral crystalline same from negative shall meet the requipmentability of condition of the DIN 1048 and resistant shall be capasall be carried out engineerincharge. The production of the	slurry: 2 slurry: 1 e (interna airements ncrete by stant to 1 able of se t all comp	2 parts water) 2 part water) 3 part water) 4 side with the as specified more than 90 bar hydrosold bar hydrosoldete as per specified annue shall contact that the alimp of the alimp of the alimp of the asper specified as per specified as per specified aspecified as per specified aspecified as per specified aspecified a	for vertical for horizonta he help of sy in ACI-212- 0% compared tatic pressure cracks up to pecification a arry guarante	surfaces and l surfaces and l surfaces and rethetic fiber 3R-2010 i.e to with control on negative a width of 0 and the director for 10 years	3:1(3 pad applying brush. The py reducing concrete side. The side. The story of the	arts g the he material g as per crystalline he work
	Waterproofing				•		
	Top tray 1	2	3.14*(1.8 225- 0.4225)/4				2.198
	tray 2	2	3.14*(3.8 - 0.4225)/4	<b>3</b> 10			5.303
	tray 3	2	3.14*(6.5 - 0.4225)/4	M FOR THE M WORKS	ANAGEMENT		9.542
	Collection tray	2	3.14*(16- 0.4225)/4				24.457
	Top side of tray & Channel	1	3.14*5.5* 5.5/4				23.746
	Top tray 1 edge	1	3.14*1.35		0.150		0.636
	Total						65.882
				To	otal Quantit	y in sqm	65.882
2	Raw water channe	1					
2.001	2.9.3						
	Excavation work be foundation trenched including dressing out the excavated sof 50 m.Hard rock	es or drain of sides a soil and d	is (not exceed and ramming isposal of su	ding 1.5 m in of bottoms,	width or 10 lift up to 1.5	sqm on p m, includ	lan), ing getting
	excavation						
	Column	7	1.200	1.200	1.000		10.080
	Total						10.080
				To	tal Quantit	y in cum	10.080
2.002	OD70542/2022-20	)23					

	Specification	No	Length	Width	Depth	Cf	Quantity		
	DOWEL BARS - long (1m in rock a of 1m in rock and	.nd 1 m in	concrete) in	cluding drilli	ng holes of 2	20mm dia	to a depth		
	16mm dowell bar								
		28					28.000		
	Total						28.000		
				,	Fotal Quant	ity in no	28.000		
2.003	4.1.2  Providing and laying in position cement concrete of specified grade excluding of centering and shuttering - All work up to plinth level:1:1/2:3 (cement: 11 sand: 3 graded stone aggregate 20 mm nominal size)								
	levelling course								
		7	1.200	1.200	0.500		5.040		
	Total			8.40			5.040		
			- CSE	To	tal Quantity	y in cum	5.040		
2.004	5.33.1		40	MADY.					
	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 settin concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable.								
	admixtures in reco concrete, improve direction of Engin	ommended workabili eer - in-cl ess or less	I proportions ity without ir narge. Note:- cement used	as per IS: 91 as per IS: 91 as per IS: 91 conpairing stre	.03 to accelering the and during the tent consider	rate, retar ability as ed in this	luding d setting of per item is @		
	admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce	ommended workabili eer - in-cl ess or less	I proportions ity without ir narge. Note:- cement used	as per IS: 91 as per IS: 91 as per IS: 91 conpairing stre	.03 to accelering the and during the tent consider	rate, retar ability as ed in this	luding d setting of per item is @		
	admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce	ommended workabili eer - in-cl ess or less	I proportions ity without ir narge. Note:- cement used	as per IS: 91 as per IS: 91 as per IS: 91 conpairing stre	.03 to accelering the and during the tent consider	rate, retar ability as ed in this	luding d setting of per item is @		
	admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce separately.All wor	ommended workabili eer - in-ch ess or less ek upto pli	I proportions ity without in arge. Note:-cement used nth level	as per IS: 91 mpairing stre Cement con l as per desig	.03 to accelength and duratent consider mix is paya	rate, retar ability as ed in this	luding d setting of per item is @ coverable		
	admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce separately.All wor column footing step 1 column footing	ommended workabili eer - in-ch ess or less ek upto pli	l proportions ity without in harge. Note:-cement used nth level	as per IS: 91 npairing stre Cement con I as per desig	.03 to accelength and duritent consider n mix is paya	rate, retar ability as ed in this	luding d setting of per item is @ coverable  1.750		
	admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce separately.All wor column footing step 1 column footing step 2	ommended workabili eer - in-ch ess or less ek upto pli	l proportions ity without in harge. Note:-cement used nth level	as per IS: 91 npairing stre Cement con I as per desig	.03 to accelength and duritent consider n mix is paya	rate, retar ability as ed in this able or rec	luding d setting of per item is @ coverable		
2.005	admixtures in reco concrete, improve direction of Engin 330 kg/ cum. Exce separately.All wor column footing step 1 column footing step 2	ommended workabili eer - in-ch ess or less ek upto pli	l proportions ity without in harge. Note:-cement used nth level	as per IS: 91 npairing stre Cement con I as per desig	0.250	rate, retar ability as ed in this able or rec	luding d setting of per item is @ coverable  1.750  1.418  3.168		

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	column 1	1	0.300	0.300	3.000		0.270
	column 2	1	0.300	0.300	2.900		0.261
	column 3	1	0.300	0.300	2.800		0.252
	column 4	1	0.300	0.300	2.700		0.243
	column 5	1	0.300	0.300	2.600		0.234
	column 6	1	0.300	0.300	2.500		0.225
	column 7	1	0.300	0.300	2.400		0.216
	beam	1	26.500	0.300	0.300		2.385
	top & bottom slab	2	26.500	1.000	0.100		5.300
	side wall	2	26.500	0.100	0.300		1.590
	Total						10.976
				To	tal Quantit	y in cum	10.976
2.006	5.34.1		73.				
	in M-30 is @ 340 Item no. 4&5	kg/cum).	3.168+11	M FOR THE M	ANAGEMENT		14.333
			.165				
	Total			Та	4al Onandid		14.333
2.007	5.0.2			10	tal Quantit	y in cum	14.333
2.007			1. din a atm.44	:	1 of f	own fow V	Valla (any
	Centering and shu thickness) including	uering inc ig attache	d pilasters, b	ing, etc. and utteresses, pl	removal of I inth and stri	orm for: v ng course	vans (any s etc.
			,	, <b>1</b>			
	Side Wall -outer side	2	26.500		0.500		26.500
	Side Wall -inner side	2	26.500		0.300		15.900
	Total						42.400
				To	otal Quantit	y in sqm	42.400
2.008	5.9.3						
	Centering and shu floors, roofs, landi	ttering inc ngs, balco	cluding struttonies and acc	ing, etc. and ess platform	removal of f	orm for:S	uspended
	Top Slab Bottom						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Bottom Slab Bottom side	1	26.500	1.000			26.500
	Total						47.700
				To	tal Quantit	y in sqm	47.700
2.009	5.9.5						
	Centering and shubeams, plinth bear	ttering inc ns, girders	eluding strutting bressumers	ng, etc. and a	removal of f	orm for:L	intels,
	Beam	1	26.500		0.900		23.850
	Total			I	017 00		23.850
	1 2 3 4 3 4 3			To	tal Quantit	v in sam	23.850
2.010	5 9 6			10	tui Quaitti	y in sqiii	25,050
	Centering and shu Pillars, Piers, Abu				removal of f	orm for:C	olumns,
	Column 1	7	1 200		2 000		25 200
	Column1 Column2	7	1.200	2570-22	3.000		25.200
	Column2 Column3	7	1.200	<del>3 1 (</del>	2.900 2.800		24.360
		7	1.200				23.520
	Column4 Column5	7	1.200	VORKS	2.700		22.680
	Column6	7	1.200	VURRE	2.600 2.500		21.840
	Column7	7	1.200		2.400		21.000
	Total	/	1.200		2.400		20.160
	10tai			TD.	4.10	•	158.760
• • • • • • • • • • • • • • • • • • • •				10	tal Quantit	y in sqm <sub> </sub>	158.760
2.011	5.22.6 Steel reinforcemer in position and bin bars of grade Fe-5 @100kg/m3	ding all co	omplete upto	ding straight plinth level	tening, cuttin Γhermo - Μα	echanically	g, placing y Treated
		1	15.500			0000	
	Total			Total O	uantity in l	zilogram	1558.000 1558.000
2.012	12 1 1			Total Q	uanuty III b	mogi aiii	1330.000
2.012	13.1.1	stan of mi	w.1.4 ( 1 aarra	ont . A fine a	and)		
	12 mm cement pla		•	cm. 4 me s	anu)		
	plastering cm 1	_			2 000		25 200
	Column1 Column2	7	1.200		3.000		25.200
			1.200		2.900		24.360
	Column3	7	1.200		2.800		23.520

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Column4	7	1.200		2.700		22.680
	Column5	7	1.200		2.600		21.840
	Column6	7	1.200		2.500		21.000
	Column7	7	1.200		2.400		20.160
	Beam	1	27.900		0.300		8.370
	Beam - Sides	2	30.000		0.300		18.000
	Side wall -outside	2	30.000		0.500		30.000
	Side wall -inside	2	30.000		0.300		18.000
	Slab - outside - bottom and top	1	30.000		1.000		30.000
	Slab -inside - bottom and top	1	30.000		0.800		24.000
	Total						287.130
				T	otal Quantity	v in sam	287.130
			- 642	11	mar Quantit	y m sqm	207.130
2.013	13.43.1		A K		otai Quantit.	y III SQIII	207.130
2.013	13.43.1 Applying one coat manufacture on wa			ent primer	of approved l		207.130
2.013	Applying one coat			ent primer	of approved l		207.130
2.013	Applying one coat		:Water thinna	nent primer oble cement	of approved l primer		598.923
2.013	Applying one coat	ıll surface	:Water thinna	nent primer oble cement	of approved l		
2.013	Applying one coat manufacture on wa	ıll surface	:Water thinna	aent primer oble cement	of approved l primer	orand and	598.923
	Applying one coat manufacture on wa	ıll surface	:Water thinna	aent primer oble cement	of approved l primer	orand and	598.923 <b>598.923</b>
	Applying one coat manufacture on was .  Total	acrylic en	:Water thinna 153.570 mulsion paint	3.900  To	of approved l primer AMAGEMENT	orand and	598.923 <b>598.923</b> <b>598.923</b>
	Applying one coat manufacture on was .  Total  13.60.1  Wall painting with	acrylic en	:Water thinna 153.570 mulsion paint	3.900  To	of approved l primer AMAGEMENT	orand and	598.923 <b>598.923</b> <b>598.923</b>
	Applying one coat manufacture on was .  Total  13.60.1  Wall painting with	acrylic en	:Water thinna 153.570 mulsion paint	3.900  To	of approved l primer AMAGEMENT	orand and	598.923 <b>598.923</b> <b>598.923</b>
	Applying one coat manufacture on was .  Total  13.60.1  Wall painting with	acrylic er	:Water thinna 153.570 mulsion paint coats on new	3.900  To	of approved l primer AMAGEMENT	orand and	598.923 598.923 598.923 are to give
	Applying one coat manufacture on was a second way and a second was a s	acrylic er	:Water thinna 153.570 mulsion paint coats on new	3.900  To of approved work	of approved l primer AMAGEMENT	y in sqm	598.923 598.923 598.923 are to give

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity					
	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservior, sewage & Department plant, tunnels											
	/ subway and bridge deck etc., prepared by mixing in the ratio of 5: 2 (5 parts integral crystalline slurry: 2 parts water) for vertical surfaces and 3: 1 (3 parts integral crystalline slurry: 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material											
	shall meet the requ permeability of co DIN 1048 and resi slurry shall be cap shall be carried ou engineerin-	nirements ncrete by stant to 1 able of se	as specified more than 90 6 bar hydrost lf-healing of	in ACI-212- 0% compared tatic pressured cracks up to	3R-2010 i.e ld with control on negative a width of 0	by reducired concrete side. The .50mm. T	ng e as per crystalline he work					
	charge. The produ leakage.For vertical					rs against	any					
	Side wall	2	26.500	W.	0.300		15.900					
	Total		(4.2A)	OALN	0.000		15.90					
			400	Т	otal Quantit	v in sam	15.90					
2 016	22.23.2				otal Qualitie	y III gqIII	1000					
	waterproofing trea water tanks, roof stunnels / subway and bridgintegral crystalline integral crystalline same from negative shall meet the requiremeability of co DIN 1048 and resistancy shall be carried out engineerincharge. The produte leakage. For horizon	labs, podi ge deck et e slurry: 2 e slurry: 1 re (interna- nirements ncrete by stant to 1 able of se t all comp	c., prepared 2 parts water) part water) l) side with t as specified more than 90 6 bar hydrost lf-healing of plete as per speanance shall c	by mixing in for vertical for horizonta he help of sy in ACI-212-0% compare tatic pressure cracks up to pecification arry guaranta	the ratio of surfaces and al surfaces and withetic fiber 3R-2010 i.e. I d with control on negative a width of 0 and the directed for 10 years	treatment 5:2 (5 pa 3:1 (3 pad applyin brush. The by reducir ol concrete side. The .50mm. T	plant,  rts  arts g the he material g as per crystalline he work					
			ice one cour	e 1.10 kg pc	ı sqiii.		any					
	Bottom slab	1	26.500				21.200					
	Bottom slab			0.800		y in sqm	21.200 <b>21.20</b> 0					
2.017	Bottom slab			0.800		y in sqm	21.200					

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Walkway	1	570.000				570.000			
	Total						570.000			
		Total Quantity in kg								
3	Flash Mixer									
3.001	2.9.3									
	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including gettin out the excavated soil and disposal of surplus excavated soils as directed, within a lea of 50 m.Hard rock (blasting prohibited)									
	EOOTING	1	2 14*1 0		1 200		7 150			
	FOOTING Total	1	3.14*1.9		1.200		7.159 <b>7.159</b>			
	Total			Т.	otal Quantity	y in oum	7.159			
3 002	OD71762/2022-20	123	-13		nai Quantit	y III Cuili	7.139			
	DOWEL BARS - long (1m in rock a of 1m in rock and	Supplying nd 1 m in	concrete) inc	cluding drilli	ing holes of 2	20mm dia	to a depth			
	16mm	1	20.000				20.000			
	Total	1	20.000	M FOR THE M WORKS	ANASEMENT		20.000			
	Total			,	Total Quant	ity in no	20.000			
3.003	413				Total Qualit	ity iii iio	20.000			
	Providing and layi of centering and sh (zone-III): 4 grade	nuttering -	- All work up	to plinth lev	vel:1:2:4 (cen	le excludi nent : 2 co	ing the cost parse sand			
	levelling course									
		1	3.140/1.9		1.600	0.2000	0.529			
	Total						0.529			
				To	otal Quantity	y in cum	0.529			
3.004	5.33.1									
	Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exce separately.All wor	oncrete for esign mix, of centers ommended workabilities - in-chess or less	or reinforced of including puting, shuttering proportions ity without in harge. Note:-cement used	cement concumping of cog, finishing as per IS: 91 apairing stre Cement con	rete work, us oncrete to site and reinforce 103 to accele ngth and dura tent consider	ing ceme of laying ment, inc rate, retar ability as ed in this	nt content g but luding d setting of per item is @			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	footing	1	3.140/4	1.700	1.700	0.9000 00	2.042			
	deduction for pipe 350 mm dia.	-1	3.140/4	0.350	0.350	0.9000 00	-0.087			
	Total						1.955			
				To	tal Quantit	y in cum	1.955			
3.005	5.33.2	3.2								
	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 content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level									
	Side wall	1	3.140*(2. 25- 1.44)/4		3.900		2.480			
	Walkway	1	3.140*(8. 41- 2.25)/4	M FOR THE M	0.150		0.725			
	Total		OF POSCIC	VVUPICKS			3.205			
				To	otal Quantit	y in cum	3.205			
3.006	5.34.1									
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340	ontent use tead of M	ed is payable	/ recoverable	e separately.I	Providing	M-30			
	•		1.055.2	1						
	Item No. 4&5	1	1.955+3. 205				5.160			
	Total						5.160			
				To	tal Quantit	y in cum	5.160			
3.007	5.9.2					·				
	Centering and shuthickness) including									
			ı	1						
	Side wall outer	1	3.14*1.5		3.900		18.369			
	Side wall inner	1	3.14*1.2		3.900		14.695			
	Total						33.064			
				To	otal Quantit	y in sqm	33.064			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
3.008	5.9.3										
	Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform										
	Walk way bottom	1	3.14*2.9		0.700		6.374				
	Total	1	3.14 2.9		0.700		6.374				
	Total			To	otal Quantity	v in sam	6.374				
3.009	5.9.16.1			10	yuu Quuntit.	y III SQIII	0.071				
	Centering and shut Edges of slabs and					orm for:					
	walkway side	1	3.14*2.9		0.150		1.366				
	Total	1	3.14 2.7		0.130		1.366				
			A.	Tota	al Quantity i	in metre	1.366				
3.010	5.22.6		MAG	DAN	ar Quartery	1110010	2,000				
	Steel reinforcemer in position and bin bars of grade Fe-5	ding all co	omplete upto	ding straigh plinth level	tening, cuttir Thermo - Me	ng, bendin echanicall	g, placing y Treated				
	@70kg/m3	1	5.160	M FOR THE M WORKS	ANASEMENT	70.000 000	361.200				
	Total						361.200				
				Total Q	Quantity in k	ilogram	361.200				
3.011	13.1.1										
	12 mm cement pla	ster of mi	x:1:4 ( 1 cem	ent: 4 fine s	sand)						
	Plastering (cm 1	:3 12 mm	thick)	ı							
	Floor	1	3.140/4	1.200	1.200		1.130				
	Side wall inside	1	3.14*1.2				3.768				
	Side wall outer	1	3.140*1.5	(0.41			4.710				
	walkway	2	3.140/4	(8.41- 2.56)			9.185				
	Total										
							18.793				
				To	otal Quantity	y in sqm	18.793 18.793				
3.012	13.60.1 Wall painting with an even shade:Two	acrylic e	mulsion paint coats on new	of approved			18.793				
3.012	Wall painting with	acrylic end or more	mulsion paint coats on new 3.140	of approved			18.793				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
				To	tal Quantity	y in sqm	8.164	
3.013	13.43.1							
	Applying one coat					brand and		
	manufacture on wa							
		8.164						
	1   3.140   2.600							
3.014	Total Quantity in sqm							
	Providing and fixi balcony railing, sta approves steel prin	aircase rai	ling and simi	ed size by we	elding etc. to cluding appl	steel ladd ying prim	ler railing, ning coat of	
	Walkway	1	250.000	la/l			250.000	
	Total	1	250.000				250.000	
	1 2 3 3 3 3		450		Fotal Quant	ity in kg	250.000	
						-, -		
4	Clariflocculator	× 2						
4.001		ay maahar	ical mana (	Hydraulia ay	agyatar) / ma	onual maa	ung in	
	2.9.3  Excavation work to foundation trenches including dressing out the excavated of 50 m.Hard rock	es or drain of sides a soil and d	s (not exceed and ramming isposal of sur	ling 1.5 m in of bottoms,	width or 10 lift up to 1.5	sqm on p m, includ	lan), ling getting	
	2.9.3  Excavation work to foundation trenches including dressing out the excavated sof 50 m.Hard rock  Earth Work	es or drain of sides a soil and d	as (not exceed and ramming isposal of sur prohibited)	ling 1.5 m in of bottoms, plus excavat	width or 10 lift up to 1.5 ed soils as di	sqm on p m, includ	lan), ling getting	
	2.9.3  Excavation work to foundation trenches including dressing out the excavated of 50 m.Hard rock	es or drain of sides a soil and d	s (not exceed and ramming isposal of sur	ling 1.5 m in of bottoms,	width or 10 lift up to 1.5	sqm on p m, includ irected, w	lan), ling getting	
	2.9.3  Excavation work to foundation trenches including dressing out the excavated sof 50 m.Hard rock  Earth Work	es or drain of sides a soil and d (blasting	as (not exceed and ramming isposal of sur prohibited)	ling 1.5 m in of bottoms, plus excavat	width or 10 lift up to 1.5 ed soils as di	sqm on p m, includ	lan), ing getting ithin a lead	
	2.9.3  Excavation work to foundation trenched including dressing out the excavated of 50 m.Hard rock Earth Work  Foundation	es or drain of sides a soil and d (blasting	as (not exceed and ramming isposal of sur prohibited)	ling 1.5 m in of bottoms, plus excavat	width or 10 lift up to 1.5 ed soils as di	sqm on p m, includ irected, w	lan), ing getting ithin a lead  21.120  238.208	
	2.9.3  Excavation work to foundation trenches including dressing out the excavated of 50 m.Hard rock  Earth Work  Foundation  Base slab	es or drain of sides a soil and d (blasting	as (not exceed and ramming isposal of sur prohibited)	ling 1.5 m in of bottoms, plus excavat	width or 10 lift up to 1.5 ed soils as di	sqm on p m, includ irected, w 0.7850 00	lan), ing getting ithin a lead  21.120  238.208	
4.001	2.9.3  Excavation work to foundation trenches including dressing out the excavated of 50 m.Hard rock  Earth Work  Foundation  Base slab	es or drain of sides a soil and d (blasting	as (not exceed and ramming isposal of sur prohibited)	ling 1.5 m in of bottoms, plus excavat	width or 10 lift up to 1.5 ed soils as di 2.200 1.050	sqm on p m, includ irected, w 0.7850 00	lan), ing getting ithin a lead  21.120  238.208  259.328	
4.001	2.9.3  Excavation work to foundation trenches including dressing out the excavated sof 50 m.Hard rock  Earth Work  Foundation  Base slab  Total	es or drain of sides a soil and d (blasting)	s (not exceed and ramming isposal of surprohibited)  3.200  17*17  g and providing trilling holes	and the second s	width or 10 lift up to 1.5 ed soils as di 2.200 1.050 etal Quantity	sqm on p m, includ irected, w 0.7850 00 y in cum	lan), ing getting ithin a lead  21.120 238.208 259.328 259.328 ia of 2m	
4.001	2.9.3  Excavation work to foundation trenched including dressing out the excavated sof 50 m.Hard rock.  Earth Work  Foundation  Base slab  Total  OD77126/2022-20  DOWEL BARS - long (1m in rock and 1m in concrete) in filling the gap with	es or drain of sides a soil and d (blasting)	s (not exceed and ramming isposal of surprohibited)  3.200  17*17  g and providing trilling holes	and the second s	width or 10 lift up to 1.5 ed soils as di 2.200 1.050 etal Quantity	sqm on p m, includ irected, w 0.7850 00 y in cum	lan), ing getting ithin a lead  21.120 238.208 259.328 259.328 ia of 2m	
4.001	2.9.3  Excavation work to foundation trenches including dressing out the excavated sof 50 m.Hard rock  Earth Work  Foundation  Base slab  Total  OD77126/2022-20  DOWEL BARS - long (1m in rock and 1m in concrete ) in filling the gap with cement grout (0.10)	es or drain of sides a soil and d (blasting)	s (not exceed and ramming isposal of surprohibited)  3.200  17*17  g and providing trilling holes	and the second s	width or 10 lift up to 1.5 ed soils as di 2.200 1.050 etal Quantity	sqm on p m, includ irected, w 0.7850 00 y in cum	lan), ing getting ithin a lead  21.120 238.208 259.328 259.328 ia of 2m	
4.001	2.9.3  Excavation work to foundation trenches including dressing out the excavated sof 50 m.Hard rock  Earth Work  Foundation  Base slab  Total  OD77126/2022-20  DOWEL BARS - long (1m in rock and 1m in concrete ) in filling the gap with cement grout (0.10)	es or drain of sides a soil and d (blasting)  1  1  223  Supplying neluding d	s (not exceed and ramming isposal of surprohibited)  3.200  17*17  g and providing trilling holes	and the second s	width or 10 lift up to 1.5 ed soils as di 2.200 1.050 etal Quantity	sqm on p m, includ irected, w 0.7850 00 y in cum	lan), ing getting ithin a lead  21.120 238.208 259.328 259.328 ia of 2m ock and	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
4.003	4.1.3										
	Providing and laying in position cement concrete of specified grade excluding of centering and shuttering - All work up to plinth level:1:2:4 (cement: 2 cone-III): 4 graded stone aggregate 20 mm nominal size)										
	Foundation (CC 1:3:6, 40 mm metal)	1	3.140/4	1.000	16.000	0.2000	2.512				
	Total						2.512				
	PCC										
	Foundation	1	16.9*16.9		0.100	0.7850 00	22.420				
	Total						22.420				
				To	tal Quantity	y in cum	24.932				
4.004	5.33.1		A	W/-							
	25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exce separately.All wor	esign mix, of centerionmended workabili eer - in-chess or less	including puting, shuttering proportions ity without in large. Note:-cement used	imping of congressive general grands as per IS: 91 apairing streament cont	ncrete to site and reinforce 03 to acceler agth and dura ent consider	of laying ment, inc rate, retar ability as ed in this	g but luding d setting of per item is @				
		1	1 650	1 650	0.200		0.917				
	Foundation	1	1.650	1.650	0.300	0.7850	0.817				
	column	1	0.750		2.000	0.7830	1.178				
	Base slab	1	16.1*16.1		0.200	0.7850 00	40.696				
	Base slab (Vertical part)	1	1.960		0.700	0.7850 00	1.077				
	Total						43.768				
				To	tal Quantity	y in cum	43.768				
4.005	5.33.2										
	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 concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level										

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	RCC						
	Outer side wall (17mm)	1	11.000		3.750	0.7850 00	32.381
	Walk way slab (17mm)	1	51.270		0.170	0.7850 00	6.842
	Column	1	0.750		4.500	0.7850 00	2.649
	Outlet (10mm)	1	31.000		0.100	0.7850 00	2.434
	Outlet (10mm)	1	3.000		0.600	0.7850 00	1.413
	Flocculation wall (12mm)	1	3.320		2.400	0.7850 00	6.255
	Flocculation wall (20mm)	1	3.900		1.600	0.7850 00	4.898
	Flocculation wall base (Opening)	-0.5	3.900		1.200	0.7850 00	-1.837
	Launder	2	0.700	15.700	0.100		2.198
	Launder	2	15.700	0.100	0.700		2.198
	Total			<b>J</b>			59.431
		25		To	tal Quantity	v in cum	59.431
4.006	5.34.1		OF PUBLIC I	M FOR THE M MORKS	ANAGEMENT	,	
4.006	Extra for providing specified cement c grade concrete inst	content use tead of M	ixes at all flo	or levels. No	ote:- Excess/leseparately.F	less ceme Providing	nt over the M-30
4.006	Extra for providing specified cement c grade concrete inst in M-30 is @ 340	content use tead of M	ixes at all flo	or levels. No	ote:- Excess/leseparately.F	less ceme Providing	nt over the M-30
4.006	Extra for providing specified cement c grade concrete inst	content use tead of M	ixes at all flo	or levels. No	ote:- Excess/leseparately.F	less ceme Providing	nt over the M-30 considered
4.006	Extra for providing specified cement c grade concrete inst in M-30 is @ 340 Extra charges  Item 4	content use tead of M kg/cum).	ixes at all flo ed is payable/ -25 grade BM	or levels. No	ote:- Excess/leseparately.F	less ceme Providing	nt over the M-30 considered
4.006	Extra for providing specified cement of grade concrete instant in M-30 is @ 340 Extra charges	content use tead of M kg/cum).	ixes at all flo ed is payable/ -25 grade BM	or levels. No	ote:- Excess/leseparately.F	less ceme Providing	nt over the M-30 considered
4.006	Extra for providing specified cement of grade concrete instant in M-30 is @ 340 Extra charges  Item 4  Item 5	content use tead of M kg/cum).	ixes at all flo ed is payable/ -25 grade BM	oor levels. No recoverable IC/RMC. (N	ote:- Excess/is separately.Fote:- Cemen	less ceme Providing t content	nt over the M-30 considered 43.768 59.431
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340 Extra charges  Item 4  Item 5  Total	content use tead of M kg/cum).	ixes at all flo ed is payable/ -25 grade BM	oor levels. No recoverable IC/RMC. (N	ote:- Excess/leseparately.F	less ceme Providing t content	nt over the M-30 considered  43.768  59.431  103.199
4.006	Extra for providing specified cement of grade concrete instant in M-30 is @ 340 Extra charges  Item 4  Item 5	tead of M kg/cum).	ixes at all floed is payable25 grade BM  43.768  59.431	or levels. Not recoverable MC/RMC. (N	ote:- Excess/lesseparately.Fote:- Cemen	less ceme Providing t content y in cum	nt over the M-30 considered  43.768 59.431 103.199 103.199
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340 Extra charges  Item 4  Item 5  Total  5.9.2  Centering and shut	tead of M kg/cum).	eluding struttid pilasters, bu	or levels. Not recoverable MC/RMC. (N	ote:- Excess/lesseparately.Fote:- Cemen	less ceme Providing t content y in cum	nt over the M-30 considered  43.768 59.431 103.199 103.199
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340 Extra charges  Item 4  Item 5  Total  5.9.2  Centering and shut thickness) including specified cement of grade concrete instant in M-30 is @ 340 Extra charges  Item 4  Item 5	tead of M kg/cum).	eluding struttid pilasters, bu	or levels. Not recoverable MC/RMC. (N	ote:- Excess/lesseparately.Fote:- Cemen	less ceme Providing t content y in cum	nt over the M-30 considered  43.768 59.431 103.199 103.199
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340 Extra charges  Item 4  Item 5  Total  5.9.2  Centering and shut thickness) including Centering and	tead of M kg/cum).	43.768 59.431	or levels. Not recoverable MC/RMC. (N	ote:- Excess/lesseparately.Fote:- Cemen otal Quantity	less ceme Providing t content y in cum	nt over the M-30 considered  43.768 59.431 103.199 103.199 Valls (any setc.
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340.  Extra charges  Item 4  Item 5  Total  5.9.2  Centering and shut thickness) includir  Centering and pcc	tead of M kg/cum).	43.768 43.768 59.431 Eluding struttid pilasters, bung 7.000	or levels. Not recoverable MC/RMC. (N	ote:- Excess/lesseparately.Fote:- Cemen otal Quantity removal of fointh and string 0.100	less ceme Providing t content y in cum	103.199 Walls (any s etc.
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340.  Extra charges  Item 4  Item 5  Total  5.9.2  Centering and shut thickness) including Centering and pcc foundation	ttering income attache  Shuttering  1  1  1  1  1  1  1	dixes at all floed is payable. 25 grade BM 43.768 59.431 cluding struttid pilasters, bung 7.000 6.600	or levels. Not recoverable MC/RMC. (N	ote:- Excess/is separately.Fote:- Cemen otal Quantity removal of fointh and string 0.100 0.300	less ceme Providing t content y in cum	103.199  Valls (any s etc.  0.700 1.980
	Extra for providing specified cement of grade concrete instant in M-30 is @ 340.  Extra charges  Item 4  Item 5  Total  5.9.2  Centering and shut thickness) including Centering and pcc foundation  column (outer)	ttering income shuttering income attache Shuttering 1 6.28	43.768 43.768 59.431  cluding struttid pilasters, bung 7.000 6.600 0.500	or levels. Not recoverable MC/RMC. (N	ote:- Excess/lesseparately.Fote:- Cemen otal Quantity of frinth and string of the control of the	less ceme Providing t content y in cum	103.199  Valls (any s etc.  0.700 1.980 20.410

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	outer wall	6.28	11.500		3.750		270.825
	walk way	6.28	11.280		0.700		49.587
	side wall outlet	6.28	10.430		0.500		32.750
	side wall outlet	6.28	10.530		0.400		26.451
	Flocculator (bottom)	6.28	4.600		1.600		46.221
	Flocculator (bottom)	6.28	4.400		1.600		44.211
	Flocculator (top)	6.28	4.580		2.500		71.906
	Flocculator (top)	6.28	4.450		2.500		69.865
	Flocculator (bottom)	-6.28	4.400		1.200	0.5000 00	-16.579
	Flocculator (bottom)	-6.28	4.600		1.200	0.5000 00	-17.333
	Total			1			874.865
			1478	To L	otal Quantit	y in sqm	874.865
4.008	5.22.6		A SILE	2000			
	Steel reinforcemer in position and bin bars of grade Fe-5 Steel 100kg/cum	ding all co	omplete upto	plinth level	Thermo - Me	echanicall	y Treated
				VORKS		100.00	
	Item 4	1	43.768			0000	4376.800
	Item 5	1	59.431			100.00 0000	5943.100
	Total						10319.90 0
				Total (	Quantity in k	xilogram	10319.90 0
4.009	13.1.1						
	12 mm cement pla	ster of mi	x:1:4 ( 1 cem	ent : 4 fine s	sand)		
	12 mm plaster		`		,		
	column (outer)	6.28	0.500		6.500		20.410
	baseslab	6.28	8.100		0.100		5.087
	outer wall	6.28	10.980		3.750		258.579
	outer wall	6.28	11.500		3.750		270.825
	walk way	6.28	11.280		0.700		49.587
	side wall outlet	6.28	10.430		0.500		32.750
	side wall outlet	6.28	10.530		0.400		26.451
	Flocculator (bottom)	6.28	4.600		1.600		46.221

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Flocculator (bottom)	6.28	4.400		1.600		44.211
	Flocculator (top)	6.28	4.580		2.500		71.906
	Flocculator (top)	6.28	4.450		2.500		69.865
	Flocculator (bottom)	-6.28	4.400		1.200	0.5000 00	-16.579
	Flocculator (bottom)	-6.28	4.600		1.200	0.5000 00	-17.333
	Launder	4	0.700	15.700	0.100		4.396
	Launder	4	15.700	0.100	0.600		3.768
	Total						870.144
				To	tal Quantity	y in sqm	870.144
4.010	13.43.1						
	Applying one coat manufacture on wa					orand and	
	Paint		14 10 VS	26121			
	column (outer)	6.28	0.500	3500	6.500		20.410
	baseslab	6.28	8.100	<b>3</b> - LC	0.100		5.087
	outer wall	6.28	10.980		3.750		258.579
	outer wall	6.28	11.500	A FOR THE MA	3.750		270.825
	walk way	6.28	11.280	VUVILS	0.700		49.587
	side wall outlet	6.28	10.430		0.500		32.750
	side wall outlet	6.28	10.530		0.400		26.451
	Flocculator (bottom)	6.28	4.600		1.600		46.221
	Flocculator (bottom)	6.28	4.400		1.600		44.211
	Flocculator (top)	6.28	4.580		2.500		71.906
	Flocculator (top)	6.28	4.450		2.500		69.865
	Flocculator (bottom)	-6.28	4.400		1.200	0.5000 00	-16.579
	Flocculator (bottom)	-6.28	4.600		1.200	0.5000 00	-17.333
	Total						861.980
				To	tal Quantity	y in sqm	861.980
4.011	13.83.2						
	Wall painting with (Volatile including and colour.Two co	applying					

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		1	3.140	15.500	3.600		175.212
	Total						175.212
				To	otal Quantity	y in sqm	175.212
4.012	10.26.3						
	Providing and fixing balcony railing, standard printers	aircase rai	ling and simi				
		1	1500.000				1500.000
	Total						1500.000
				r	Fotal Quant	ity in kg	1500.000
4.013	100.98.121				(	<u>y</u> <u>8</u> j	
	Supply of DI K9 P	ipe Confo	orming to IS	8329/2000. 4	100mm Dia.		
		1	50.000	2411			50.000
	Total		A STATE	SCA.			50.000
	400 mm pipe						
	pipe	1	50.000				50.000
	Total		e-PLATFOR	M FOR THE M	ANAGEMENT		50.000
			OF PUBLIC	Tota	al Quantity	in metre	100.000
4.014	100.14.7						
	Conveying and lay conforming to IS: Iron Class K-9 Pip	8329 excl					
	Pipe						
		1	50.000				50.000
	Total						50.000
		1	50.000				50.000
	Total						50.000
				Tota	al Quantity	in metre	100.000
4.015	100.98.465						
	Supply of CI Doubt Valve with Cap Ph			ve Conformi	ng to IS 148	46 - 2000.	, Sluice
				T	Ī	<u> </u>	
	Clariflocculator - Scour	1					1.000
	Raw water channel - Scour	1					1.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						2.000
				ı	Total Quant	ity in no	2.000
4.016	18.68.1						
	Providing and layi IS: 9523:Upt 600	- on joint	ing as per				
	400mm x 90 Bend	4				1.1500 00	4.600
	400mmx45 bend	2				0.8500 00	1.700
	400mmx22.5 bend	2				0.7000 00	1.400
	400mm 11.25 bend	2				0.5800 00	1.160
	Total		A.	W			8.860
				Tota	l Quantity in	ı quintal	8.860
4.017	18.70.7 Providing push - o Pipes including tes pipes		ints and incl	uding the cos	st of rubber g		
			e-PLATFOR	M FOR THE N WORKS	IANASEMENT		
		12					12.000
	Total						12.000
	joint	1.0					12.000
		12					12.000
	Total				. 10		12.000
4.010	10.02.0			10	tal Quantity	y in joint	24.000
4.018	18.83.9 Labour for cutting	C.I. pipe	with steel sa	w.400 mm d	iameter C.I.	pipe	
		(					<i>c</i> 000
	Total	6					6.000 <b>6.000</b>
	Total			Total (	Quantity in E	Soch Cut	6.000
/ O10	100.31.1.9			Total	zuantity III E	zacn Cut	0.000
+.U17	Conveying and fix insertions etc., con will be paid separa	nplete, but	t excluding t	he cost of the			
		Г					
	Clariflocculator - Scour	1					1.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Raw water channel - Scour	1					1.000
	Total						2.000
				,	Total Quant	ity in no	2.000
4.020	10.2					•	
	Structural steel wo work, including cu approved steel prin	ıtting, hoi	sting, fixing i				
	structural steel work	1	8730.000				8730.000
	Total						8730.000
				ı	Total Quant	ity in kg	8730.000
4.021	22.23.1		0	(a/2)			
	/ subway and bridg integral crystalline integral crystalline same from negative shall meet the requipermeability of condition of conditions. The production of the production	e slurry: 2 e slurry: 1 e (interna airements ncrete by stant to 1 able of se t all comp	2 parts water) 2 part water) f 3 part water) f 4 part water) f 6 l) side with tl 6 as specified i 7 more than 90 6 bar hydrosta 6 lf-healing of 6 6 lete as per sp 6 parts water)	for vertical for horizontane help of syn ACI-212- low compared attic pressured cracks up to be decification a	surfaces and all surfaces and renthetic fiber 3R-2010 i.e. It divides a width of 0 and the directed for 10 years	3:1(3 pad applying brush. The py reducing concrete side. The 150mm. The py reducing the 150mm. The 150mm.	arts g the e material g as per crystalline he work
	waterproofing		two cours ex	orro ing per i	<u> </u>		
	outer wall	6.28	10.980		3.750		258.579
	outer wall	6.28	11.500		3.750		270.825
	side wall outlet	6.28	10.430		0.500		32.750
	side wall outlet	6.28	10.530		0.400		26.451
	Flocculator (bottom)	6.28	4.600		1.600		46.221
	Flocculator (bottom)	6.28	4.400		1.600		44.211
	Flocculator (top)	6.28	4.580		2.500		71.906
	Flocculator (top)	6.28	4.450		2.500		69.865
	Flocculator (bottom)	-6.28	4.400		1.200	0.5000	-16.579

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Flocculator (bottom)	-6.28	4.600		1.200	0.5000 00	-17.333	
	Total						786.896	
				To	otal Quantit	y in sqm	786.896	
4.022	22.23.2							
	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservior, sewage & Discourse and the plant, tunnels and bridge deck etc., prepared by mixing in the ratio of 5:2 (5 parts integral crystalline slurry: 2 parts water) for vertical surfaces and 3:1 (3 parts integral crystalline slurry: 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalling slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineerincharge. The product performance shall carry guarantee for 10 years against any leakage. For horizontal surface one coat @1.10 kg per sqm.							
	Waterproofing							
	baseslab	6.28	8.100	M FOR THE M	0.100		5.087	
	Total		OF PUBLIC	WORKS			5.087	
				To	otal Quantit	y in sqm	5.087	
	Filter House,back	wash wat	er tank					
5.001								
	Earth work in exca over areas (exceed including disposal earth to be levelled	ing 30 cm of excava	n in depth, 1.: ated earth, lea	5 m in width ad up to 50 n	as well as 10 as and lift up t	on sqm on	plan)	
	Column(0.3*0.3)	5	1.400	1.400	3.550		34.790	
	,	9	1.400	1.400	1.500		26.460	
	Column(0.6*0.3)	9	1.700	1.400	1.400		29.988	
	Total						91.238	
				To	otal Quantit	y in cum	91.238	
5.002	2.26.1							
	Extra for every add or stacked materia			art there of ir	n excavation	/ banking	excavated	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Column(0.3*0.3) from 1.5 m to 3.00	5	1.400	1.400	1.500		14.700	
	Column(0.3*0.3) from 3.00 m to 3.55 m	5	1.400	1.400	0.550		5.390	
	Total						20.090	
				To	otal Quantity	y in cum	20.090	
5.003	OD72096/2022-20	)23						
	DOWEL BARS - long (1m in rock a of 1m in rock and	nd 1 m in	concrete) in	cluding drilli	ng holes of 2	20mm dia	to a depth	
							<b>7</b> < 000	
	Column(0.3*0.3)	56					56.000	
	Column(0.6*0.3)	54	-13				54.000	
	Total				T. ( ) O (	•	110.000	
5.004	1.1.2		20817		Total Quant	ity in no	110.000	
	of centering and shand: 3 graded stolevelling co	ne aggreg					6.048 6.480	
	Total	<u> </u>	1.500	1.200	0.400		12.528	
	Total			Ta	otal Quantit	y in cum	12.528	
5.005	5 33 1			1(	Mai Quantit	y III Cuiii	12,320	
	Providing and laying in position machine batched and machine mixed design 25 grade cement concrete for reinforced cement concrete work, using cemer as per approved design mix, including pumping of concrete to site of laying excluding the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering. Shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering, shuttering, finishing and reinforcement, including the cost of centering the cost of ce							
						T		
	column footing(0.3*0.3)	14	1.000	1.000	0.200		2.800	
		14	1.750		0.40/3		3.267	
		9	0.300	0.300	0.750		0.608	
		5	0.300	0.300	2.800		1.260	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	column footing(0.6*0.3)	9	1.300	1.000	0.200		2.340
		9	2.420		0.50/3		3.630
		9	0.600	0.300	0.750		1.215
	Plinth Beam	2	3.830	0.300	0.450		1.034
		2	5.320	0.300	0.450		1.436
		2	4.830	0.300	0.450		1.304
		3	2.200	0.300	0.450		0.891
		3	2.120	0.300	0.450		0.859
		4	3.420	0.300	0.450		1.847
		6	4.020	0.300	0.450		3.256
		3	5.240	0.300	0.450		2.122
		4	5.620	0.300	0.450		3.035
		3	3.940	0.300	0.450		1.596
		1	2.270	0.300	0.450		0.306
		1	2.350	0.300	0.450		0.317
	Total						33.123
	Total						33.123
5.006	5.33.2	ng in posi	OF PUBLIC V	M FOR THE M			33.123
5.006	5.33.2  Providing and layi 25 grade cement cas per approved de excluding the cost admixtures in recoconcrete, improve direction of Engine 330 kg/ cum. Exce	oncrete for esign mix, of centering mended workabilities or less	tion machine r reinforced concluding puring, shuttering proportions at ty without imarge. Note:- Comment used	batched and cement concr mping of con g, finishing a as per IS: 91 apairing streat Cement cont as per design	machine mirete work, us acrete to site and reinforce 03 to accelerate and duratent considered mix is paya	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	gn mix M- nt content g but luding d setting of per item is @
5.006	5.33.2  Providing and layi 25 grade cement cas per approved de excluding the cost admixtures in recoconcrete, improve direction of Engine	oncrete for esign mix, of centering mended workabilities or less	tion machine r reinforced concluding puring, shuttering proportions at ty without imarge. Note:- Comment used	batched and cement concr mping of con g, finishing a as per IS: 91 apairing streat Cement cont as per design	machine mirete work, us acrete to site and reinforce 03 to accelerate and duratent considered mix is paya	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	gn mix M- nt content g but luding d setting of per item is @
5.006	5.33.2  Providing and layi 25 grade cement cas per approved de excluding the cost admixtures in recoconcrete, improve direction of Engine 330 kg/ cum. Exce	oncrete for esign mix, of centering mended workabilities or less	tion machine r reinforced concluding puring, shuttering proportions at ty without imarge. Note:- Comment used	batched and cement concr mping of con g, finishing a as per IS: 91 apairing streat Cement cont as per design	machine mirete work, us acrete to site and reinforce 03 to accelerate and duratent considered mix is paya	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	gn mix M- nt content g but luding d setting of per item is @
5.006	5.33.2  Providing and layi 25 grade cement compared as per approved describing the cost admixtures in recompared in the concrete, improve direction of Engine 330 kg/ cum. Excesseparately. All wor Column(0.3*0.3)	oncrete for esign mix, of centerion mended workabilities or less k above p	tion machine r reinforced concluding puring, shuttering proportions at without imarge. Note:- Coment used linth level up	batched and cement concr mping of con g, finishing a as per IS: 91 apairing streat Cement cont as per design to floor V le	machine mi rete work, us acrete to site nd reinforce 03 to acceler agth and dura ent considera mix is paya	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	gn mix M- nt content g but luding d setting of per item is @ coverable
5.006	5.33.2  Providing and layi 25 grade cement coas per approved de excluding the cost admixtures in recoconcrete, improve direction of Engine 330 kg/ cum. Exceseparately. All wor Column(0.3*0.3)  GF  Column(0.6*0.3)	oncrete for esign mix, of centering of cente	tion machine r reinforced concluding puring, shuttering proportions at the without imparge. Note:- Comment used linth level up	batched and tement concr mping of con g, finishing a as per IS: 91 apairing strent Cement cont as per design to floor V le	machine mi rete work, us ncrete to site nd reinforce 03 to acceler agth and dura ent consider in mix is paya vel	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	gn mix M- nt content g but luding d setting of per item is @ coverable
5.006	5.33.2  Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exceseparately. All wor Column(0.3*0.3) GF  Column(0.6*0.3) GF	oncrete for esign mix, of centering of cente	tion machine r reinforced concluding puring, shuttering proportions at the without imparge. Note:- Comment used linth level up  0.300  0.600	batched and cement concreming of cong, finishing a as per IS: 91 apairing strencement contras per design to floor V le	machine mi rete work, us ncrete to site nd reinforce 03 to acceler ngth and dura ent consider n mix is paya vel  3.000	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	gn mix M- nt content g but luding d setting of per item is @ coverable  3.780  4.860
5.006	5.33.2  Providing and layi 25 grade cement c as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exce separately. All wor Column(0.3*0.3) GF  Column(0.6*0.3) GF  LINTEL GF	oncrete for esign mix, of centering mix of centering mix, of centering mix, of centering mix, of centering mix, of centering mix of centering mix, of centering mix, of centering mix, of centering mix of centeri	tion machine r reinforced concluding puring, shuttering proportions at the triangle proportions at the triangle proportion of triangle p	batched and tement concrement concrements of cong, finishing a sper IS: 91 apairing strend control con	machine mirete work, us nerete to site nd reinforce 03 to accelerate and dura ent considere mix is payavel  3.000  3.000  0.150  (0.10+0.0)	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	33.123  In mix M- Int content g but luding d setting of per item is @ coverable  3.780  4.860  3.531
5.006	5.33.2  Providing and layi 25 grade cement coas per approved de excluding the cost admixtures in recoconcrete, improve direction of Engine 330 kg/ cum. Exceseparately. All wor Column(0.3*0.3)  GF  Column(0.6*0.3)  GF  LINTEL GF  Sunshade GF	oncrete for esign mix, of centering mix, of centering mix, of centering mix of centering mix, of centering mix of	tion machine r reinforced concluding puring, shuttering proportions at the triangle proportion and triangle proportions at the triangle proportion and triangle proportions at the triangle proportion at th	batched and tement concrement concrements of congress	machine mi rete work, us nerete to site nd reinforce 03 to accelerate and duratent considered mix is payavel  3.000  3.000  0.150  (0.10+0.0  5)/2	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	gn mix M- nt content g but luding d setting of per item is @ coverable  3.780  4.860  3.531  3.606
5.006	5.33.2  Providing and layi 25 grade cement coas per approved de excluding the cost admixtures in recoconcrete, improve direction of Engine 330 kg/ cum. Exceseparately. All wor Column(0.3*0.3)  GF  Column(0.6*0.3)  GF  LINTEL GF  Sunshade GF	oncrete for esign mix, of centering of cente	tion machine r reinforced concluding puring, shuttering proportions at the proportions at the proportion of the proporti	batched and tement concrement concrement concrements of concrete g, finishing a last per IS: 91 pairing strends per design to floor V le  0.300  0.300  0.200  0.600  0.300	machine mirete work, us nerete to site nd reinforce 03 to accelerate and duratent considered mix is payavel  3.000  3.000  0.150  (0.10+0.0  5)/2  0.300	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	mix M- nt content g but luding d setting of per item is @ coverable  3.780  4.860  3.531  3.606  0.689
5.006	5.33.2  Providing and layi 25 grade cement coas per approved de excluding the cost admixtures in recoconcrete, improve direction of Engine 330 kg/ cum. Exceseparately. All wor Column(0.3*0.3)  GF  Column(0.6*0.3)  GF  LINTEL GF  Sunshade GF	oncrete for esign mix, of centering of cente	tion machine r reinforced concluding puring, shuttering proportions at the triangle proportion a	batched and tement concrement concrement graining of congress of the contract	machine mirete work, us necrete to site nd reinforce 03 to accelerate and duratent considered mix is payavel  3.000  3.000  0.150  (0.10+0.0  5)/2  0.300  0.350	ixed desig ing cement of laying ment, incorate, retar- ability as ed in this	33.123 gn mix M- nt content g but luding d setting of per item is @ coverable  3.780  4.860  3.531  3.606  0.689  1.117

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		4	3.420	0.300	0.300		1.231
		7	4.020	0.300	0.300		2.533
		4	5.240	0.300	0.350		2.201
		4	5.620	0.300	0.350		2.360
		3	3.940	0.300	0.300		1.064
		1	2.270	0.300	0.300		0.204
		1	2.350	0.300	0.300		0.212
	Staircase	24	1.200	0.300	0.167/2		0.721
	Staircase Landing	1	1.200	1.200	0.150		0.216
	Staircase slab	1	4.120	1.200	0.150		0.742
	Staircase slab	1	3.450	1.200	0.150		0.621
	Roof Slab GF	1	16.580	13.760	0.150		34.221
	Porch and chlorine room slab	1	12.720	4.420	0.150		8.433
	Deduction for GF (Top of filter bed)	-2	3.600	2.300	0.150		-2.484
	Deduction (Lobby)	-1	8.400	4.100	0.150		-5.166
	Deduction (Openings)	-2	4.450	2.150	0.150		-2.870
	Column(0.3*0.3) FF	11	0.300	0.300	3.750		3.713
	Column(0.6*0.3)   FF	9	0.600	0.300	3.750		6.075
	Lintel FF	1	100.300	0.200	0.150		3.009
	Sunshade FF	1	63.500	0.600	(0.10+0.0 5)/2		2.858
	Beams FF	2	3.830	0.300	0.300		0.689
		2	5.320	0.300	0.350		1.117
		2	4.830	0.300	0.300		0.869
		3	2.200	0.300	0.300		0.594
		3	2.120	0.300	0.300		0.572
		4	3.420	0.300	0.300		1.231
		4	4.020	0.300	0.300		1.447
		3	5.240	0.300	0.350		1.651
		3	5.620	0.300	0.350		1.770
		3	3.940	0.300	0.300		1.064
		1	2.270	0.300	0.300		0.204

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		1	2.350	0.300	0.300		0.212
	ROOF SLAB FF	1	16.580	13.760	0.150		34.221
	LAB SLAB	1	8.500	1.000	0.100		0.850
	kitchen sink	-1	0.650	0.100	0.450		-0.029
	Filter bed RCC wall	2	5.320	0.200	3.000		6.384
	Filter bed RCC wall	2	4.830	0.200	3.000		5.796
	Filter bed RCC wall	3	2.200	0.200	3.000		3.960
	Filter bed RCC wall	3	2.120	0.200	3.000		3.816
	Filter bed floor	2	10.800	4.320	0.150		13.997
	ww trough	8	4.400	0.100	0.400		1.408
	ww trough	4	4.400	0.600	0.100		1.056
	manifold	4	4.620	0.150	0.700		1.940
		2	4.620	0.550	0.150		0.762
	Column SF(0.3*0.3)	6	0.300	0.300	2.850		1.539
	Column SF(0.6*0.3)	3	0.600	0.300	2.850		1.539
	SF slab	1	12.250	8.400	0.100		10.290
	Back wash water tank wall	1	5.320	0.250	2.850		3.791
	Back wash water tank wall	1	4.830	0.250	2.850		3.441
	Back wash water tank wall	2	3.420	0.250	2.850		4.874
	Back wash water tank wall	2	4.020	0.250	2.850		5.729
	Back wash water tank wall	1	5.240	0.250	2.850		3.734
	Back wash water tank wall	1	5.620	0.250	2.850		4.004
	Back wash water tank floor	1	11.250	8.000	0.150		13.500
	manholes	-4	0.500	0.500	0.150		-0.150
	Filtered water channel	2	15.000	0.100	1.000		3.000
	Filtered water channel	2	15.000	0.500	0.100		1.500
	Wash water drain	2	14.000	0.100	0.500		1.400
	Wash water drain	2	14.000	0.300	0.100		0.840

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	CW channel	2	18.000	0.100	0.800		2.880			
	CW channel	2	18.000	0.700	0.100		2.520			
	Total						229.524			
	Total Quantity in cum									
5.007	5.34.1									
	Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).									
			Т	T	Т					
	Item no 4&5	1	33.123+2 25.784				258.907			
	Total						258.907			
				To	tal Quantity	y in cum	258.907			
5.008	22.23.1									
	tunnels / subway and bridg integral crystalline integral crystalline same from negativ shall meet the requ permeability of co DIN 1048 and resi slurry shall be cape shall be carried ou engineerin- charge. The product leakage.For vertica	e slurry: 2 e slurry: 1 re (interna- nirements ncrete by: stant to 16 able of sel t all comp	parts water) part water) fl) side with the as specified is more than 90 bar hydrostaf-healing of clete as per speance shall ca	for vertical s for horizontal ne help of syn n ACI-212-3 % compared atic pressure cracks up to ecification a	surfaces and surfaces an anthetic fiber PR-2010 i.e b with contro on negative a width of 0. and the direct of the for 10 year	3:1 (3 pad applyin brush. The by reducir l concrete side. The 50mm. The control of the side side.	arts g the he material g e as per crystalline he work			
				1						
	cw channel	2	15.000		0.300		9.000			
		2	15.000		0.300		9.000			
	fw channel	2	15.000		0.400		12.000			
	fw channel	2	15.000		1.000		30.000			
	ww drain	2	15.000		0.500		15.000			
	ww drain	2	15.000		0.300		9.000			
	manifold side wall	4	4.620		0.700		12.936			
	manifold side wall	4	4.620		0.550		10.164			
	Total						107.100			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
				To	tal Quantit	y in sqm	107.100			
5.009	22.23.2									
	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservior, sewage & Discourse and the policy of the basement plant, tunnels are subway and bridge deck etc., prepared by mixing in the ratio of 5:2 (5 parts integral crystalline slurry: 2 parts water) for vertical surfaces and 3:1 (3 parts integral crystalline slurry: 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline									
	slurry shall be cap shall be carried ou engineerin- charge. The produ- leakage.For horizo	t all comp ct perform	lete as per sp nance shall ca	pecification a arry guarante	nd the direct e for 10 year	tion of the	;			
	Floor slab of filter bed and pipe gallery	1	20.000	10.750			215.000			
	C/W channel in pipe gallery	1	20.000	0.900	ANAGEMENT		18.000			
	gullet wall	1	20.000	WORKS	2.700		54.000			
	WW trough bottom slab	10	5.400	0.600			32.400			
	Total						319.400			
				To	tal Quantit	y in sqm	319.400			
5.010	Centering and shur footings, bases of				removal of f	orm for:F	oundations,			
	Levelling course(0.3*0.3)	14	4.800		0.300		20.160			
	Levelling course(0.6*0.3)	9	5.400		0.400		19.440			
	column footing 1 (0.3*0.3)	14	4.000		0.200		11.200			
	column footing (0.3*0.3)	9	1.200		0.750		8.100			
		5	1.200		2.800		16.800			
	column footing 2 (0.6*0.3)	9	4.600		0.200		8.280			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	column footing (0.6*0.3)	9	1.800		0.750		12.150
	Total		·	•			96.130
				To	otal Quantity	y in sqm	96.130
5.011	5.9.6						
	Centering and shut Pillars, Piers, Abut	ttering incl tments, Po	luding struttingsts and Struts	ng, etc. and	removal of fo	orm for:C	olumns,
	Column GF (0.3*0.3)	14	1.200		3.000		50.400
	Column GF (0.6*0.3)	9	1.800		3.000		48.600
	Column FF (0.3*0.3)	11	1.200		3.750		49.500
	Column FF (0.6*0.3)	9	1.800		3.750		60.750
	Column SF (0.3*0.3)	6	1.200		2.850		20.520
	Column SF (0.6*0.3)	3	1.800	3-10	2.850		15.390
	Total						245.160
			OF PUBLIC V	VORKS TO	otal Quantity	y in sqm	245.160
5.012	5.9.5						
	Centering and shut beams, plinth beam	ttering incl ns, girders	luding strutting bressumers a	ng, etc. and and cantilev	removal of fo	orm for:L	intels,
		10	4.020		0.450		21.500
	Plinth Beams	12	4.020		0.450		21.708
		8 2	3.420		0.450 0.450		12.312 2.115
		2	2.350 2.270		0.450		2.043
		6	2.200		0.450		5.940
		6	2.120		0.450		5.724
		6	3.940		0.450		10.638
		4	3.840		0.450		6.912
		4	5.320		0.450		9.576
		8	5.620		0.450		20.232
		6	5.240		0.450		14.148
		4	4.830		0.450		8.694
	Beams GF	14	4.020		0.300		16.884

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		2	2.350		0.300		1.410
		2	2.270		0.300		1.362
		6	2.200		0.300		3.960
		6	2.120		0.300		3.816
		6	3.940		0.300		7.092
		4	3.830		0.300		4.596
		4	5.320		0.350		7.448
		8	5.620		0.350		15.736
		8	5.240		0.350		14.672
		4	4.830		0.300		5.796
	Beams FF	8	4.020		0.300		9.648
		8	3.420		0.300		8.208
		2	2.350	Chall	0.300		1.410
		2	2.270		0.300		1.362
		6	2.200		0.300		3.960
		6	2.120		0.300		3.816
		6	3.940	ļ	0.300		7.092
		4	3.830		0.300		4.596
		4	5.320	M FOR THE M	0.350		7.448
		6	5.620		0.350		11.802
		6	5.240		0.350		11.004
		4	4.830		0.300		5.796
	Lintel GF	2	117.700		0.150		35.310
	Lintel FF	2	100.300		0.150		30.090
	Total						352.564
				To	otal Quantity	y in sqm	352.564
5.013	5.9.3						
	Centering and shur floors, roofs, landi	ttering inc ngs, balco	eluding strutti onies and acc	ing, etc. and ess platform	removal of fe	orm for:S	uspended
	ROOF SLAB GF	1	16.580	13.760			228.141
	Porch and chlorine room slab	1	12.720	4.420			56.222
	ROOF SLAB GF(Deduction 0.3*0.3)	-14	0.300	0.300			-1.260

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	ROOF SLAB GF(Deduction 0.6*0.3)	-9	0.600	0.300			-1.620
	Top of Filter Bed	-2	3.600	2.300			-16.560
	Deduction lobby	-1	8.400	4.100			-34.440
	Deduction openings	-2	4.450	2.150			-19.135
	ROOF SLAB FF	1	16.580	13.760			228.141
	ROOF SLAB FF(Deduction 0.3*0.3)	-11	0.300	0.300			-0.990
	ROOF SLAB FF(Deduction 0.6*0.3)	-9	0.600	0.300			-1.620
	ROOF SLAB SF	1	11.750	8.500			99.875
	ROOF SLAB SF(Deduction 0.3*0.3)	-6	0.300	0.300			-0.540
	ROOF SLAB SF(Deduction 0.6*0.3)	-3	0.600	0.300	-E		-0.540
	Total		-01.47500	A COO THE M	ANIA C CA 4 CA 17		535.674
			OF PUBLIC	WORKS TO	tal Quantity	in sqm	535.674
5.014	5.9.7						
	Centering and shut	tering inc	1,, 1,,		romoval of fo		
	(excluding landing					orm for:St	tairs,
	(excluding landing				Temoval of ic	orm for:St	tairs,
	(excluding landing . Alum tank - step-slab				Temovar of Te	orm for:S	1.620
	. Alum tank - step-	s ) except	spiral - stair	cases)	0.150	orm for:S	
	. Alum tank - step-slab	s ) except	spiral - stair	cases)		orm for:S	1.620
	Alum tank - step- slab step	s) except	1.800 0.900	cases)	0.150	orm for:St	1.620 0.540
	Alum tank - step- slab step step side staircase to pipe	1 4 2	1.800 0.900 1.800	cases)	0.150 0.120	orm for:St	1.620 0.540 0.432
	Alum tank - step-slab step step side staircase to pipe gallery step staircase to pipe	1 4 2	1.800 0.900 1.800 1.200	0.900	0.150 0.120	orm for:S	1.620 0.540 0.432 2.700
	Alum tank - step-slab step step side staircase to pipe gallery step staircase to pipe	1 4 2 15	1.800 0.900 1.800 1.200 3.000 1.500 3.000	0.900 1.200	0.150 0.120 0.150	orm for:St	1.620 0.540 0.432 2.700 3.600 1.800 0.450
	Alum tank - step-slab step step side staircase to pipe gallery step staircase to pipe gallery slab	1 4 2 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.800 0.900 1.800 1.200 3.000 1.500 1.500	0.900 1.200	0.150 0.120 0.150 0.150 0.100	orm for:St	1.620 0.540 0.432 2.700 3.600 1.800 0.450 0.150
	Alum tank - step-slab step step side staircase to pipe gallery step staircase to pipe gallery slab side main stair steps	1 4 2 15 1 1	1.800 0.900 1.800 1.200 3.000 1.500 3.000 1.500 1.200	0.900 1.200	0.150 0.120 0.150	orm for:St	1.620 0.540 0.432 2.700 3.600 1.800 0.450 0.150 3.960
	Alum tank - step-slab step step side staircase to pipe gallery step staircase to pipe gallery slab side	1 4 2 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.800 0.900 1.800 1.200 3.000 1.500 1.500 1.200 3.750	1.200 1.200	0.150 0.120 0.150 0.150 0.100	orm for:St	1.620 0.540 0.432 2.700 3.600 1.800 0.450 0.150 3.960 4.500
	Alum tank - step-slab step step side staircase to pipe gallery step staircase to pipe gallery slab side main stair steps	1 4 2 15 1 1 1 1 22	1.800 0.900 1.800 1.200 3.000 1.500 3.000 1.500 1.200	0.900 1.200	0.150 0.120 0.150 0.150 0.100	orm for:St	1.620 0.540 0.432 2.700 3.600 1.800 0.450 0.150 3.960

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	side	1	3.750		0.150		0.563
		1	4.570		0.150		0.686
		1	1.680		0.150		0.252
	Stair bottom	1	4.250		1.200		5.100
	Total						33.853
				Te	otal Quantity	y in sqm	33.853
5.015	5.9.2						
	Centering and shutthickness) including						
	Filter room wall	4	5.320		3.000		63.840
	Filter room wall	4	4.830		3.000		57.960
	Filter room wall	6	2.200		3.000		39.600
	Filter room wall	6	2.120		3.000		38.160
	Back wash tank	4	5.400	2411	2.850		61.560
	Back wash tank	4	5.240		2.850		59.736
	Back wash tank	4	5.100	<b>3-16</b>	2.850		58.140
	Back wash tank	6	4.020	< 11	2.850		68.742
	Back wash tank	6	3.420	M FOR THE M	2.850		58.482
	FW Channel	4	15.000	WURRS	1.000		60.000
	FW Channel	2	15.000	0.500			15.000
	CW Channel	4	18.000		0.800		57.600
	CW Channel	2	18.000	0.700			25.200
	WW drain	4	14.000		0.500		28.000
	WW drain	2	14.000	0.300			8.400
	Total						700.420
				T	otal Quantit	y in sqm	700.420
5.016	5.9.16.1						
	Centering and shut Edges of slabs and					orm for:	
	GF SLAB	1	60.680				60.680
		-1	64.000				-64.000
	PORCH and Chlorine room slab	1	21.200				21.200
	FF SLAB	1	60.680				60.680
	SF SLAB	1	41.180				41.180

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
	Sunshade GF	1	80.100				80.100				
	Sunshade FF	1	63.500				63.500				
	Total						263.340				
				Tota	al Quantity	in metre	263.340				
5.017	5.9.19										
	Centering and shuttering including strutting, etc. and removal of form for: Weathade, Chajjas, corbels etc., including edges										
	Sunshade		_								
	GF	2	80.100	0.600			96.120				
	FF	2	63.500	0.600			76.200				
	Total						172.320				
				To	otal Quantit	y in sqm	172.320				
5.018	5.22.6			-0							
	Steel reinforcemen in position and bin bars of grade Fe-50	ding all c	omplete upto	ding straigh plinth level	tening, cuttin Thermo - Mo	ng, bendin echanicall	ig, placing y Treated				
	Footings@90kg/ m3	1	15.120	710	ΞE	90.000	1360.800				
	Columns@135kg /m3	1	21.506	M FOR THE M WORKS	ANAGEMENT	135.00 0000	2903.310				
	Beams@90kg/m3	1	56.073			90.000 000	5046.570				
	Slab@130kg/m3	1	79.795			130.00 0000	10373.35 0				
	sidewalls@100kg /m3	1	93.072			100.00 0000	9307.200				
	Total						28991.23 0				
				Total (	Quantity in l	kilogram	28991.23 0				
5.019	50.6.1.2										
	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x2 or nearest available size confirming to IS 2185 part I of 1979 for super structure floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) complete.										
	Brick Wor	k									
	GF	5	4.020	0.200	2.550		10.251				
		3	3.420	0.200	2.550		5.233				
		1	2.350	0.200	2.550		1.199				
		1	2.270	0.200	2.550		1.158				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		1	3.830	0.200	2.550		1.953
		1	3.940	0.200	2.550		2.009
		3	5.620	0.200	2.500		8.430
		2	5.240	0.200	2.500		5.240
		1	2.520	0.200	2.550		1.285
	FF	4	4.020	0.200	3.300		10.613
		3	3.420	0.200	3.300		6.772
		1	2.350	0.200	3.300		1.551
		1	2.270	0.200	3.300		1.498
		2	2.200	0.200	3.300		2.904
		2	2.120	0.200	3.300		2.798
		2	3.830	0.200	3.300		5.056
		2	3.940	0.200	3.300		5.201
		1	5.320	0.200	3.250		3.458
		1	4.830	0.200	3.300		3.188
		2	5.620	0.200	3.250		7.306
		2	5.240	0.200	3.250		6.812
	Rolling shutter	-2	2.000	0.200	3.000		-2.400
	jali work	-2	1.500	0.200	1.950		-1.170
	V	-16	1.000	0.200	0.600		-1.920
	V1	-1	0.400	0.200	0.600		-0.048
	W1	-5	1.000	0.200	1.500		-1.500
	W2	-7	1.500	0.200	1.500		-3.150
	W3	-3	2.000	0.200	1.500		-1.800
	D1	-1	1.500	0.200	2.100		-0.630
	D2	-2	1.000	0.200	2.100		-0.840
	D3	-5	0.900	0.200	2.100		-1.890
	Lab platform	7	0.900	0.200	0.600		0.756
	Alum room	1	1.600	0.150	0.300		0.072
	Alum room	1	1.300	0.150	0.300		0.059
	walkway	1	4.100	0.200	0.450		0.369
	Alum tank and Lime tank	1	4.100	0.200	1.500		1.230
	Alum tank	1	0.400	0.200	1.500		0.120
	Stilling Chamber	4	1.400	0.200	1.500		1.680
	Stilling Chamber	4	1.000	0.200	1.500		1.200
	Total						84.053

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
				To	tal Quantity	y in cum	84.053
5.020	50.6.3.2						
	Solid block mason or nearest availabl floor two level for cost of scaffolding	e size con 10 cm thi	firming to IS ick wall in : <b>(</b>	2185 part I	of 1979 for s	super struc	cture up to
	Parapet						
	porch and chlorine room	1	12.520	0.100	0.800		1.002
		2	4.020	0.100	0.800		0.643
	roof parapet	1	37.500	0.100	0.800		3.000
	Total						4.645
				To	tal Quantity	y in cum	4.645
5.021	4.1.8			la/N			
	Providing and layi of centering and sl sand: 8 graded sto	nuttering -	- All work up	to plinth lev	pecified grad vel:1:4:8 (1 c	de excludi ement : 4	ing the cost coarse
	T 11	1	7,000	4 100	0.150		4.707
	Lobby	1	7.800	4.100	0.150		4.797
	Filter Room	2	5.700	4.100	0.150		7.011
	Chlorine Room Chemical Room	1	5.400	4.100	0.150		3.321
	Blower	1	4.100 3.000	13.120 4.100	0.150 0.150		8.069
		1	12.060	2.800	0.150		1.845 5.065
	Pipe gallery <b>Total</b>	1	12.000	2.800	0.130		30.108
	Total			T	4-1 044	•	
5.022	4.1.0			1(	otal Quantity	y in cum	30.108
5.022	Providing and layi of centering and sl (zone-III): 4 grade	nuttering -	All work up	to plinth lev	el:1:2:4 (cen		
	Chlorine Room	1	5.400	4.100	0.100		2.214
	Chemical Room	1	4.100	13.120	0.100		5.379
	Blower	1	3.000	4.100	0.100		1.230
	Pipe gallery	1	12.060	2.800	0.100		3.377
	Total		-				12.200
				To	tal Quantity	y in cum	12.200
5.023	11.3.1				<u></u>	<u> </u>	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Cement concrete f aggregate)finished excluding the cost size stone aggrega	with a flo of nosing	oating coat of	f neat cement	t, including c	cement slu	
	Chlorine Room	1	5.400	4.100			22.140
	Chemical Room	1	4.100	13.120			53.792
	Blower	1	3.000	4.100			12.300
	Pipe gallery	1	12.060	2.800			33.768
	Total						122.000
				To	tal Quantity	y in sqm	122.000
5.024	13.16.1						
	6 mm cement plas	ter of mix	:1:3 ( 1 ceme	ent : 3 fine sa	nd)		
			Л	W/\			
	Roof Slab GF	1	16.580	13.760			228.141
	Porch Slab and chlorine room	1	12.720	4.420			56.222
	Deduction top of filter bed	-2	3.600	2.300			-16.560
		-1	8.400	4.100	ANAGEMENT		-34.440
		-2	4.450	2.150			-19.135
	Deduction coln	-14	0.300	0.300			-1.260
	Deduction coln	-9	0.600	0.300			-1.620
	ROOF SLAB FF	1	16.580	13.760			228.141
	Deduction coln	-11	0.300	0.300			-0.990
	Deduction coln	-9	0.600	0.300			-1.620
	SF slab	2	12.250	8.400			205.800
	Deduction coln	-6	0.300	0.300			-0.540
	Deduction coln	-3	0.600	0.300			-0.540
	Total						641.599
				To	tal Quantity	y in sqm	641.599
5.025	13.1.1						
	12 mm cement pla	ster of mi	x:1:4 ( 1 cem	nent : 4 fine s	and)		
	GF Walls with column and beams	4	4.540		3.000		54.480
		4	13.120		3.000		157.440
		4	4.320		3.000		51.840

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		2	4.320		0.300		2.592
		6	5.620		3.000		101.160
		2	5.620		0.350		3.934
		4	5.240		3.000		62.880
		4	5.240		0.350		7.336
		2	4.320		3.000		25.920
		2	4.020		3.000		24.120
		4	5.420		3.000		65.040
		4	5.400		3.000		64.800
		4	4.920		3.000		59.040
		2	2.500		3.000		15.000
	standalone column	2	1.200		2.700		6.480
	Sunshade GF	2	80.140	0.600			96.168
	FF Walls with column and beams	4	5.080	50 T)	3.750		76.200
		8	4.500	<b>-</b>	3.750		135.000
	Toilet outer wall	1	1.800		3.750		6.750
	Toilet inside wall	1	1.800	A FOR THE MA	1.750		3.150
		1	1.300		1.750		2.275
		4	3.500		3.750		52.500
		4	4.000		3.750		60.000
		4	5.620		3.750		84.300
		4	5.240		3.000		62.880
		4	4.600		3.750		69.000
		2	4.320		3.750		32.400
		2	4.920		3.750		36.900
		2	5.400		3.750		40.500
		2	5.420		3.750		40.650
		4	5.620	0.350			7.868
		4	5.240	0.350			7.336
		2	4.920	0.300			2.952
		2	3.830	0.300			2.298
	Stand alone clms	2	1.800		3.450		12.420
	Sunshade	2	63.500	0.600			76.200
	Walls with column SF	4	4.920		2.850		56.088
		4	11.580		2.850		132.012

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Stand alone clms	1	1.200		2.850		3.420
	Deductions W1	-5	1.000		1.500		-7.500
	W2	-7	1.500		1.500		-15.750
	W3	-3	2.000		1.500		-9.000
	D1	-1	1.500		2.100		-3.150
	D2	-2	1.000		2.100		-4.200
	D3	-5	0.900		2.100		-9.450
	D4	-1	0.800		1.800		-1.440
	V	-16	1.000		0.600		-9.600
	V1	-1	0.600		0.400		-0.240
	Opening	-1	1.100		2.100		-2.310
	Rolling shutter	-2	2.000		3.000		-12.000
	parapet porch&chlorine room	4	4.020		0.800		12.864
		2	12.320		0.800		19.712
	top	1	20.300		0.100		2.030
	parapet roof	2	37.500		0.800		60.000
	top	1	37.500		0.100		3.750
	Lab	4	5.400	VORKS	3.000		64.800
	Lab	7	1.800	0.200			2.520
	Alum tank	2	4.100	0.700			5.740
	Alum tank	2	0.600	0.700			0.840
	Alum tank	1	1.200	0.450			0.540
	Alum tank	6	0.300	0.150			0.270
	FW channel	2	15.000		1.000		30.000
	FW channel	2	15.000		0.400		12.000
	ww drain	2	15.000		0.500		15.000
	ww drain	2	15.000	0.300			9.000
	cw channel	2	15.000	0.300			9.000
	cw channel	2	15.000	0.300			9.000
	stilling chamber	4	1.400		1.500		8.400
	stilling chamber	4	1.000		1.500		6.000
	Total						1998.155
				То	tal Quantity	in sqm	1998.155
5.026	13.43.1						
	Applying one coat manufacture on wa					orand and	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
						<u> </u>	
	same as item above	1	1889.185				1889.185
	Total						1889.185
				To	otal Quantit	y in sqm	1889.185
5.027	13.60.1						
	Wall painting with an even shade:Tw				d brand and	manufactu	ire to give
						I I	
		1889.1 85					1889.185
	Total						1889.185
				T	otal Quantit	y in sqm	1889.185
5.028	13.44.1			lo/\			
	Finishing walls wi	th water plied @ 3.8	oroofing cem 4 kg/10 sqm	ent paint of 1	required shad	le:New wo	ork (Two
	F'1. 1 1 G' 1			-10			
	Filter bed Side walls	2	5.320	ZIL.	3.000		31.920
	Filter bed Side walls	2	4.830	M FOR THE N WORKS	3.000		28.980
	Filter bed Side walls	2	2.200		3.000		13.200
	Filter bed Side walls	2	2.120		3.000		12.720
	filter bed floor	2	4.920		5.230		51.463
	back wash water tank walls	2	12.250		2.850		69.825
	back wash water tank walls	2	7.740		2.850		44.118
	back wash water tank floor	1	11.800		7.740		91.332
	Total						343.558
				T	otal Quantit	y in sqm	343.558
5.029	10.6.1						
	Supplying and fixt laths, interlocked the end locks, mounte arrangements for it including the cost manufactured from part 1 and M.S. the laths with 1.25 mr	cogether the d on specinside and of providing high tensor cover co	arough their of ally designed outside lock ng and fixing sile steel wir of required the	entire length d pipe shaft ing with pus g necessary 2 e of adequat	and jointed the with brackets the and pull op 27.5 cm longer strength co	together at s, side guid peration co wire sprin nforming	the end by des and omplete, ngs to IS: 4454

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Rolling shutter						
		2	2.000		3.000		12.000
	Total						12.000
				To	otal Quantit	y in sqm	12.000
5.030	9.120.1  Providing and fixing out of M.S. tubes of 15x15 mm for top approved make an PVC 'C'mm shall be flat at styles and 5mm th 45 degree on the integral out of which 75 m lock rail. Top, bot (5 mmx2) thick, 20 & mmx2 to the integral of the integral of the integral of the interior side complete as per discount of the interior side c	of 19 gauge & amp; be defined and 20 mm ick, 95 mm shall be to me widdle and the control of the & to the control of the & to the to the & to the to the & to the to	ge thickness a bottom rails. No cture. M.S. f l of size 30 m shall be tape m wide PVC of form top an e flat and 20 ock rails shall e cross PVC g of 5 mm thi o the styles & eading on inn onal 5 mm thi #39;C' Engineer -in	and sized of M.S. frame shane covered in thickness ered in 45 desheet out of d bottom rail mm shall be ll be provide sheet be prock both side kamp; rails where side, and ick PVC strip Channel usin-charge, man	19 mm x 19 mall have a cold with 5 mm, 70 mm wid gree angle or which 75 mm and 115 mm tapered on be doubt side ovided as gap PVC sheet to with 7 mm (5 joined togeth p of 20 mm was pVC solvenufacture \$\psi\$.	mm for stopat of stee thick head thout of what both sides of the panel insert for the panel i	yles and I primers of it moulded whicj 50 e forming tapered in /C sheet to form el. 10 mm top rail in the mm) thick obe stuck eve etc.
	& drawing.30	mm thic	k plain PVC	door shutters	LANAGEMENT		
		1	0.800	WORKS	1.800		1.440
	Total						1.440
				To	otal Quantit	y in sqm	1.440
5.031	21.1.1.3						
	Providing and fixing with extruded buil sections of approved fasteners of require i.e. at top, bottom. Aluminium section mechanically when glazing /paneling, drawings and the confasteners to be paid for fixed portion polyester powder of the section of the secti	t up stand ed make ced dia and sides and sides rever requested. C.P. brass directions d for separations to the colvester p	ard tubular seconforming to l size, includi with required e smooth, rus ired including s/stainless st of Engineer- rately):	ections/ appropriate IS: 733 and and IS: 733 and and IS: 733 and I	opriate Z sec d IS: 1285, f y filling up the ber/ neoprenent, mitred and e, Aluminniu all complete a dazing, panel	ctions and ixing with the gaps at the gasket ed jointed m snap be as per archard and d	other i dash junctions, tc. eading for nitectural
		_				0.5800	14.500
	W1	5	5.000			2.200	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	W3	3	7.000			0.5800 00	12.180
	D1	1	7.200			0.5800 00	4.176
	D2	2	6.200			0.5800 00	7.192
	D3	5	6.000			0.5800 00	17.400
	VENTILATORS	16	3.200			0.5800 00	29.696
	VENTILATORS 1	1	2.000			0.5800 00	1.160
	Total						110.664
					Total Quant	ity in kg	110.664
5.032	21.3.1		0	in a			
	partitions etc. with architectural drawi aluminium snap be thickness	ngs and th	ne directions	of Engineer	· - in -Charge.	( Cost of	
		M					
	W1	10	0.550	A FOR THE N	ANAG 1.450		7.975
	W2	14	0.700		1.450		14.210
	W3	9	0.800		1.450		10.440
	D1	1	1.450		0.900		1.305
	D2	2	0.950		0.900		1.710
	D3	5	0.850		0.900		3.825
	Total						39.465
				T	otal Quantity	y in sqm	39.465
5.022	OD76925/2022-20	23					

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Designing, fabrica Aluminium Compourvilinear portion Structural analysis equalisation or rain watertight including fabricating and suppan shape in metal composite panel metal c	ting, testicosite Panels of the base of the base of the base of the base of the colour laterial laterial laterial laterial colour laterial colour laterial colour laterial laterial colour laterial laterial colour laterial lateriala	ng, installing el Cladding, vilding, for esign and properties and graph of all the sand fixing pan of approved ensisting of 3 approved esign as pecified cone sealant, MS with Howad movement of approved as specified cone sealant, MS with Howad movement of a per specific components for components for components for components for components for er elevant all a composite properties as per the Approved shop drappose of payminum Components components for the relevant all a composite properties and composite properties a	gand fixing in with open greatly heights are paration of sequired, proportructural and els of aluminishades mademm thick Fromm thick). Kynar 500ba colour and sel using stainly backer rods to Dip Galvant, fasteners, tors to preventification and the cost of a resting in a with aluminiually with aluminium iterporation. Element, only the posite Panel	n position Cuoves for line all levels eshop drawing or drainage of functional chium compose out of 4mm and PVDF / shade on face ess steel screetc. c) The fall mock with sen SS 316 Pins on the bi-metallical drawing The all mock ups n approved lim composite inium composit	urtain Wa ear as well etc. include gs for press of water to design. b) site panel of thick alu- ral core sa am compose Lumiflon e # 1 and p ews, nuts, astening be rations ar and anch e contacts e item ince at site, co aboratory e panel cla osite panel ork for Ac tractor sha the perfo per item y the Engia a on the e	Il with I as ling: a) ssure o make it Providing, cladding in minium andwiched osite panel based polymer bolts, orackets of ad serrated or bolts of all cludes cost ost of all , field tests adding, I cladding CP all provide rmance description, neer-in- xternal face
	D1	1	1.450		1.200		1.740
	D2	2	0.950		1.200		2.280
	D3	5	0.850		1.200		5.100
	Total		0.020		1.200		9.120
				Te	otal Quantit	y in sqm	9.120
5.034	21.17						
	Providing and fixing required shade according of approved design window frame with including cutting the and fixing approved complete as per rection be measured for	ording to n/pattern, h C.P branche grill to ed anodise quirement	IS: 1868 wi with approve ss/stainless s proper open ed aluminium t and direction	th minimum ed standard s teel screws (ing size for fastandard se	anodic coati ection and fi 200 mm ce fixing and op ction around	ng of grace xed to the entre to ce eration of the openi	de AC 15) existing entre, handles ng, all
	W1	5	1.000		1.500		7.500
1	W2	7	1.500		1.500		15.750

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	W3	3	2.000		1.500		9.000
	Total						32.250
				ŗ	Total Quant	ity in kg	32.250
5.035	11.36						
	Providing and fixi (thickness to be sp shades except burg Charge, in skirting 1:3 (1 cement : 3 c including pointing	ecified by gundy, bot g, risers of coarse san	the manufactile green, blactile steps and dadd) and jointing	eturer), of appack of any sizedos, over 12 ag with grey	proved make ze as approve mm thick be cement slurr	e, in all co ed by Eng ed of ceme y @ 3.3 k	lours, gineer -in- ent mortar g per sqm,
	Wall tile						
	Toilet walls	2	1.800		2.000		7.200
	Toilet walls	2	1.300		2.000		5.200
	LAB WALL	1	10.500	0.450			4.725
	gullet	2	12.300	2.900			71.340
	ww trough	8	4.400		0.400		14.080
	ww trough	4	4.400		0.700		12.320
	Total			3			114.865
5.036	11 37		C-DI ATEOD	M FOR THE M	otal Quantit	y III sqiii	114.865
	Providing and layi specified by the m make, in colours s	anufactur	er), of 1st qua				
	cement mortar 1:4	(1 Cemer	nt: 4 Coarse	rey, Fume R sand), includ	ed Brown, la	id on 20 1	mm thick
	cement and match Floor tile	(1 Cemering pigme	nt: 4 Coarse ent etc., comp	rey, Fume R sand), includ lete.	ed Brown, la	id on 20 1	mm thick s with white
	cement and match Floor tile Lobby	(1 Cemering pigme	nt: 4 Coarse nt etc., comp	rey, Fume R sand), included lete.	ed Brown, la	id on 20 1	mm thick s with white 34.400
	cement and match Floor tile Lobby Filter Room	(1 Cemering pigme	8.000 6.000	rey, Fume R sand), included lete.  4.300 4.300	ed Brown, la	id on 20 1	34.400 51.600
	cement and match Floor tile Lobby Filter Room Private Room	(1 Cemering pigme	8.000 6.000 5.300	4.300 4.300 4.300	ed Brown, la	id on 20 1	34.400 51.600 22.790
	cement and match Floor tile Lobby Filter Room Private Room Toilet	(1 Cemering pigments)  1 2 1 1	8.000 6.000 5.300 1.800	4.300 4.300 4.300 1.300	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340
	cement and match Floor tile Lobby Filter Room Private Room Toilet Retiring Room	(1 Cemering pigment)  1 2 1 1 1	8.000 6.000 5.300 4.300	4.300 4.300 4.300 1.300 3.700	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340 15.910
	cement and match Floor tile Lobby Filter Room Private Room Toilet Retiring Room Solution Room	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8.000 6.000 5.300 1.800 4.200	4.300 4.300 4.300 1.300 4.300 4.300	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340 15.910 18.060
	cement and match Floor tile Lobby Filter Room Private Room Toilet Retiring Room	(1 Cemering pigment)  1 2 1 1 1	8.000 6.000 5.300 4.300	4.300 4.300 4.300 1.300 3.700	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340 15.910
	cement and match Floor tile Lobby Filter Room Private Room Toilet Retiring Room Solution Room Laboratory operating	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8.000 6.000 5.300 1.800 4.300 4.200 5.400	4.300 4.300 4.300 4.300 4.300 4.300 4.300 4.300 4.300	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340 15.910 18.060 22.140
	cement and match Floor tile Lobby Filter Room Private Room Toilet Retiring Room Solution Room Laboratory operating	1 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8.000 6.000 5.300 1.800 4.300 4.200 5.400	4.300 4.300 4.300 4.300 3.700 4.300 4.400	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340 15.910 18.060 22.140 7.920
	cement and match Floor tile Lobby Filter Room Private Room Toilet Retiring Room Solution Room Laboratory operating	1 2 1 1 1 2 2 1 1 2 1 1 1 1 2 1 1 1 1 1	8.000 6.000 5.300 1.800 4.200 5.400 0.900 1.800	4.300 4.300 4.300 4.300 4.300 4.300 4.400 4.400	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340 15.910 18.060 22.140 7.920
	cement and match Floor tile Lobby Filter Room Private Room Toilet Retiring Room Solution Room Laboratory operating	1 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8.000 6.000 5.300 1.800 4.200 5.400 0.900 11.200	4.300 4.300 4.300 4.300 4.300 4.300 4.400 4.400 4.400 1.050	ed Brown, la	id on 20 1	34.400 51.600 22.790 2.340 15.910 18.060 22.140 7.920 7.920 11.760

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Staircase side	24	0.300	0.167		0.5000 00	0.601
	Staircase side	1	4.100	0.150			0.615
	LAB SLAB	1	8.700	1.100			9.570
	Manifold	1	4.000	1.850			7.400
	Drain room	2	12.300	2.900			71.340
	Total						319.976
				To	tal Quantit	y in sqm	319.976
5.037	16.89						
	water absorption lecolours and shaded location etc., laid of in all shapes & am with matching pig	s in for ou on 20mm t p; patterns	tdoor floors s thick base of including gr	such as footp cement mor outing the jo	eath, court ya tar 1:4 (1 cei oints with wh	ord, multi in the ment: 4 continuities cemen	models parse sand) t mixed
	Porch	1	5.740	4.320			24.797
	Total	1	3.740	7.320			24.797
	Total			To	tal Quantit	y in sam	24.797
5.038	100.41.33	-			otai Quantit	y m sqm	270177
	Supplying and fix charges including manhole					medium d	uty)
		4					4.000
	Total						4.000
	Total			r	Fotal Quant	ity in no	4.000
5.039	Total OD79654/2022-20	)23		ŗ	Γotal Quant	ity in no	
5.039		viding wa ck MS pla for guidin ing float a	nte with in the g the float,& nd level indic	cator to the te frame work lt;br>nec	ank using so t of suitable essary pullic ng the entire	rale fabrica size MS se es, suitable structure,	4.000  ated out of quare tube, e nylon
5.039	OD79654/2022-20 Supplying and pro 2mm thi 160mm PVC pipe thread for connect lettering <br&gt< td=""><td>oviding wa ck MS pla for guidin ing float a ;etc comp</td><td>nte with in the g the float,&amp; nd level indic</td><td>cator to the te frame work lt;br&gt;nec</td><td>ank using so t of suitable essary pullic ng the entire</td><td>rale fabrica size MS se es, suitable structure,</td><td>4.000  ated out of quare tube, e nylon  ar for GL</td></br&gt<>	oviding wa ck MS pla for guidin ing float a ;etc comp	nte with in the g the float,& nd level indic	cator to the te frame work lt;br>nec	ank using so t of suitable essary pullic ng the entire	rale fabrica size MS se es, suitable structure,	4.000  ated out of quare tube, e nylon  ar for GL
5.039	OD79654/2022-20 Supplying and pro 2mm thi 160mm PVC pipe thread for connect lettering <br&gt tank</br&gt 	viding wa ck MS pla for guidin ing float a	nte with in the g the float,& nd level indic	cator to the te frame work lt;br>nec	ank using so t of suitable essary pullic ng the entire	rale fabrica size MS se es, suitable structure,	4.000  ated out of quare tube, enylon ar for GL
5.039	OD79654/2022-20 Supplying and pro 2mm thi 160mm PVC pipe thread for connect lettering <br&gt< td=""><td>oviding wa ck MS pla for guidin ing float a ;etc comp</td><td>nte with in the g the float,&amp; nd level indic</td><td>cator to the te frame work lt;br&gt;nec cator, painting all charges</td><td>ank using so to of suitable essary pullic ng the entire for material</td><td>rale fabrica size MS ses, suitable structure, and labou</td><td>4.000  Atted out of quare tube, e nylon  at for GL  1.000  1.000</td></br&gt<>	oviding wa ck MS pla for guidin ing float a ;etc comp	nte with in the g the float,& nd level indic	cator to the te frame work lt;br>nec cator, painting all charges	ank using so to of suitable essary pullic ng the entire for material	rale fabrica size MS ses, suitable structure, and labou	4.000  Atted out of quare tube, e nylon  at for GL  1.000  1.000
	OD79654/2022-20 Supplying and pro 2mm thi 160mm PVC pipe thread for connect lettering <br&gt .="" tank="" td="" total<=""><td>oviding wa ck MS pla for guidin ing float a ;etc comp</td><td>nte with in the g the float,&amp; nd level indic</td><td>cator to the te frame work lt;br&gt;nec cator, painting all charges</td><td>ank using so t of suitable essary pullic ng the entire</td><td>rale fabrica size MS ses, suitable structure, and labou</td><td>4.000  ated out of quare tube, enylon ar for GL</td></br&gt>	oviding wa ck MS pla for guidin ing float a ;etc comp	nte with in the g the float,& nd level indic	cator to the te frame work lt;br>nec cator, painting all charges	ank using so t of suitable essary pullic ng the entire	rale fabrica size MS ses, suitable structure, and labou	4.000  ated out of quare tube, enylon ar for GL
	OD79654/2022-20 Supplying and pro 2mm thi 160mm PVC pipe thread for connect lettering <br&gt tank</br&gt 	oviding wa ck MS pla for guiding ing float a ;etc comp	ate with in the general the float, & nd level indicate including	cator to the te frame work lt;br>nec cator, painting all charges	ank using so to of suitable essary pullice og the entire for material	eale fabrica size MS sees, suitable structure, and labou	4.000  ated out of quare tube, enylon  ar for GL  1.000  1.000  1.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		6					6.000
	Total						6.000
					Total Quant	tity in no	6.000
5.041	100.36.1						
	Filling water with of 5 km (average) height not less that and other applience	to the rese n 3 m usin	ervoir site an 1g 5 HP diese	d pumping t el engine pu	he water into mp set , hire	the reser	voir of
		150					150.000
	Total	130					150.000
	10441			Total (	Quantity in 1	Kilo litre	150.000
5.042	10.16.1			Total	Quantity in 1	MIO IIII C	150.000
	Steel work in built etc., including cutt approved steel princomplete.Hot finis	ing, hoisti ner, inclu	ing, fixing poding welding	osition and a g and bolted	pplying a pri	ming coat	of
	Total	423					
	Total		OF PUBLIC	WORKS	Total Owen	::4 :	423.000 423.000
5.042	OD80675/2022-20	22			Total Quant	nty m kg	423.000
J.0 <del>1</del> 3	Providing and fixi railing, blalcony rafixing charges. AL	ng handra ailing, stai	rcaes railing				
	•				1		
		200					200.000
	Total						200.000
				Total (	Quantity in l	kilogram	200.000
	Filter media						
6.001	100.55.1						
	Supplying of 2 to free from clay, dustincluding cost, contesting and as per CPHEEO specific.	st and other enveyance in the direction	er impurities up to 5 km a	), stacking ir nd labour ch	n standard he arges for stac	aps for me eking, spre	easurement eading,
					T	T	
		2	5.700	4.100	0.200		9.348
	Total						9.348
				T	otal Quantit	y in cum	9.348

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
6.002	100.55.2						
	Supplying of 12 to dust and other imp conveyance up to the directions of the specification.	ourities), s 5km and l	tacking in sta abour charge	andard heaps es for stackin	for measure g, spreading,	ment included, testing an	uding cost,
		2	5.700	4.100	0.200		9.348
	Total						9.348
				To	tal Quantity	y in cum	9.348
6.003	100.55.3						
	conveyance up to directions of the de						
				Sec. of			4.674
	Total						7.0/7
	Total			To	tal Quantity	y in cum	4.674
6.004	Total 100.55.4		P	To	otal Quantity	y in cum	
6.004		ormity coed d clean, fr charges an	efficient 1.30 ree from clay d conveyanc	of filter sand to 1.7, of sp dust and oth of material	d having effeecific gravity ner impuritie s up to 5 km	ective size y in the ra s includin and as pe	4.674 e 0.45 to nge of 2.55 g cost of r the
6.004	100.55.4 Supplying and stact 0.70 mm and unifor 2.65 and hard and materials, labour c	ormity coed clean, from the clean, from the clean clea	efficient 1.30 ree from clay d conveyanc officers etc.	of filter sand to 1.7, of sp , dust and oth e of material complete an	d having effectific gravity ner impuritie s up to 5 km d as per CPH	ective size y in the ra s includin and as pe	4.674 c 0.45 to nge of 2.55 ng cost of r the cification.
6.004	100.55.4 Supplying and stac 0.70 mm and unifor 2.65 and hard and materials, labour c directions of the do	ormity coed d clean, fr charges an	efficient 1.30 ree from clay d conveyanc	of filter sand to 1.7, of sp dust and oth of material	d having effeecific gravity ner impuritie s up to 5 km	ective size y in the ra s includin and as pe	e 0.45 to nge of 2.55 g cost of r the cification.
6.004	100.55.4 Supplying and stact 0.70 mm and unifor 2.65 and hard and materials, labour c	ormity coed clean, from the clean, from the clean clea	efficient 1.30 ree from clay d conveyanc officers etc.	of filter sand to 1.7, of sp, dust and oth e of material complete an	d having effectific gravity ner impurities up to 5 km d as per CPF 0.600	ective size y in the ra s includin and as pe IEEO spe	4.674 20.45 to nge of 2.55 g cost of r the cification. 28.044 28.044
	100.55.4 Supplying and stace 0.70 mm and uniformaterials, labour ordirections of the defendance of the	ormity coed clean, from the clean, from the coefficient of the coeffic	efficient 1.30 ree from clay d conveyance officers etc.	t of filter sand to 1.7, of sp, dust and othe of material complete an	d having effectific gravity ner impurities up to 5 km d as per CPF	ective size y in the ra s includin and as pe IEEO spe	e 0.45 to nge of 2.55 g cost of r the cification.
7	100.55.4  Supplying and stac 0.70 mm and unifor 2.65 and hard and materials, labour c directions of the document.  Total  General ground levels and stack of the document of t	ormity coed clean, from the clean, from the coefficient of the coeffic	efficient 1.30 ree from clay d conveyance officers etc.	t of filter sand to 1.7, of sp, dust and othe of material complete an	d having effectific gravity ner impurities up to 5 km d as per CPF	ective size y in the ra s includin and as pe IEEO spe	4.674 20.45 to nge of 2.55 g cost of r the cification. 28.044 28.044
7	100.55.4 Supplying and stace 0.70 mm and uniformaterials, labour ordirections of the defendance of the	ormity coed clean, from the clean, from the clean, from the clean and the clean are clean at the clean at the clean at the clean are clean at the clean are clean at the clean are clean at the clea	efficient 1.30 ree from clay d conveyance officers etc.  5.700  oad formation prooting of rain measured a	to of filter sand to 1.7, of sp., dust and othe of material complete an 4.100  To n,demolishing the analysis of the total to the total total to the total total total to the total	d having effectific gravity her impurities up to 5 km d as per CPF 0.600 otal Quantity ng	ective size y in the ra s includin and as pe HEEO spe y in cum	4.674 2.0.45 to ange of 2.55 ag cost of r the cification.  28.044 28.044 28.044 atrees and el and
7	100.55.4  Supplying and stac 0.70 mm and unifor 2.65 and hard and materials, labour c directions of the doc.  Total  General ground level 2.31  Clearing jungle incompanyings of girth upon the document of th	velling, Recluding up to 30 cm	efficient 1.30 ree from clay d conveyance officers etc.  5.700  oad formation prooting of rain measured a listance of 50	to of filter sand to 1.7, of sp., dust and othe of material complete an 4.100  To n,demolishing the analysis of the total to the total total to the total total total to the total	d having effectific gravity her impurities up to 5 km d as per CPF 0.600 otal Quantity ng	ective size y in the ra s includin and as pe HEEO spe y in cum	4.674 2.0.45 to age of 2.55 ag cost of r the cification.  28.044 28.044 28.044 trees and el and a cleared
7	100.55.4  Supplying and stac 0.70 mm and unifor 2.65 and hard and materials, labour c directions of the doc.  Total  General ground level 2.31  Clearing jungle incompanyings of girth upremoval of rubbish	ormity coed clean, from the clean, from the clean, from the clean and the clean are clean at the clean at the clean at the clean are clean at the clean are clean at the clean are clean at the clea	efficient 1.30 ree from clay d conveyance officers etc.  5.700  oad formation prooting of rain measured a	to of filter sand to 1.7, of sp., dust and othe of material complete an 4.100  To n,demolishing the analysis of the total to the total total to the total total total to the total	d having effectific gravity her impurities up to 5 km d as per CPF 0.600 otal Quantity ng	ective size y in the ra s includin and as pe HEEO spe y in cum	28.044 28.044 28.044 28.044 28.044 28.044 28.044
7	100.55.4  Supplying and stac 0.70 mm and unifor 2.65 and hard and materials, labour c directions of the doc.  Total  General ground level 2.31  Clearing jungle incompanyings of girth upon the document of th	velling, Recluding up to 30 cm	efficient 1.30 ree from clay d conveyance officers etc.  5.700  oad formation prooting of rain measured a listance of 50	to 1.7, of sp., dust and otle of material complete an 4.100  To n,demolishing the angle of moutside the total complete the complete and the co	d having effectific gravity her impurities up to 5 km d as per CPF 0.600 otal Quantity ng	y in the ras including and as per HEEO speriments where the series of the area	4.674 2.0.45 to age of 2.55 ag cost of r the cification.  28.044 28.044 28.044 trees and el and a cleared

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Felling trees of the cutting of trunks a material and dispoincluding 60 cm gi	nd branch sal of uns	es, removing	g the roots a	nd stacking o	of servicea	ıble
		I I			1		
		10					10.000
	Total						10.000
				T	otal Quantity	y in each	10.000
7.003	Felling trees of the cutting of trunks a material and dispoincluding 120 cm s	nd branch sal of uns	es, removing	g the roots a	nd stacking o	of servicea	ıble
		5		tar)			5.000
	Total	3	68	**			5.000 <b>5.00</b> 0
	Total				otal Quantity		
					atai t miantity	v in each i	5.00
7.004	2.33.3 Felling trees of the cutting of trunks a material and dispo	nd branch	es, removing	neight of 1 n	n above grour	nd level) i	ıble
7.004	Felling trees of the	nd branch sal of uns girth	es, removing	neight of 1 n	n above grour	nd level) i	able and
7.004	Felling trees of the cutting of trunks a material and dispoincluding 240 cm s	nd branch sal of uns	es, removing	neight of 1 n	n above grour	nd level) i	6.00
7.004	Felling trees of the cutting of trunks a material and dispo	nd branch sal of uns girth	es, removing	neight of 1 ng the roots anaterial.Beyo	n above grour nd stacking o and 120 cm gi	nd level) i of servicea irth up to	6.00 6.00
	Felling trees of the cutting of trunks a material and dispoincluding 240 cm;  Total	nd branch sal of uns girth	es, removing	neight of 1 ng the roots anaterial.Beyo	n above grour	nd level) i of servicea irth up to	ıble
	Felling trees of the cutting of trunks a material and dispoincluding 240 cm s	nd branch sal of uns girth  for a sal of uns girth  fo	made chamive ways or le, made by taern over 50m inter locking on by using per required siper direction of	Teight of 1 ng the roots a laterial. Beyond the roots a laterial of the roots and the roots are the roots are the roots are the roots are the roots and patter of Engineer d color designation.	n above ground stacking of the stacking of the stacking of the stacking etc. Of the stacking etc. Of the stacking etc. Of the stacking the join-Charge.80 gn and pattern	y in each rete paver f required ng PU mon f sand, co nd beddin oints with and sweep mm thicl	6.00 6.00 6.00 blocks strength, uld, laid in mpacting g layer sand and oing
	Felling trees of the cutting of trunks a material and dispoincluding 240 cm s.  Total  Total  16.91.2  Providing and laying footpath, parks, thickness & Description of the colour & Description of the cutting of paver blextra sand. complete complete complete cutting of paver blextra sand. complete cutting of the cutting of the cutting of the cutting of the cutting of paver blextra sand. complete cutting of the cutting of th	nd branch sal of uns girth  ng factory lawns, draize/ shape amp; patter cocks as per terms and grade versions.	es, removing erviceable merviceable mervic	Tendered edge (light traffic plate vibrator) m thick come graver blocolate vibratorize and pattered color designation (a) 1.000	catal Quantity  Cement Concrete arking etc, or method using pacted bed or method to the same and pattern and patte	y in each rete paver f required ng PU mon f sand, co nd beddin oints with and sweep mm thicl	6.00 6.00 6.00 blocks strength, uld, laid in mpacting g layer sand and oing k C.C.
	Felling trees of the cutting of trunks a material and dispoincluding 240 cm s.  Total  Total  16.91.2  Providing and laying footpath, parks, thickness & Description of the colour & Description of the cutting of paver blextra sand. complete complete complete cutting of paver blextra sand. complete cutting of the cutting of the cutting of the cutting of the cutting of paver blextra sand. complete cutting of the cutting of th	nd branch sal of uns girth  ng factory lawns, draize/ shape amp; patter compaction ocks as peter all as part and an arranged to the same and the same arranged to the same arrang	made chamive ways or learn over 50m inter locking on by using per required siner direction with approve	Tendered edge (light traffic plate vibrator) m thick come graver blocolate vibratorize and pattered color designation (a) 1.000	catal Quantity  Cement Concrete arking etc, or method using pacted bed or method to the same and pattern and patte	y in each rete paver f required ng PU mon f sand, co nd beddin oints with and sweep mm thicl	6.00 6.00 6.00 6.00 blocks strength, uld, laid in mpacting g layer sand and bing k C.C.

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
7.006	15.2.1			•		•	
	Demolishing ceme material within 50 concrete 1:3:6 or r	metres le	ad as per dire	ection of Eng	gineer - in-Cl		
	•						
	FLOOR	1	34.250	26.050	0.150		133.832
	SIDE WALL	2	34.250	0.300	2.620		53.841
		2	25.650	0.300	2.620		40.322
	INSIDE	2	25.650	0.300	2.620		40.322
	Total						268.317
				To	tal Quantity	y in cum	268.317
7.007	15.9.1						
	Demolishing stone stacking of service metres lead as per	able mate	erial and disp	osal of unser	viceable mat	erial with	
	RR FDN	1	34.850	26.050	(4+0.4)/2		1997.254
	Total			3-10			1997.254
				To	tal Quantity	v in cum	1997.254
8	Wash Water Arrar water	ngements t	to nearest saf			•	wash
8.001	100.1.1						
	Excavating trenches sockets, and dressing tring out the exceeding 20cm in watering, etc., and 50m, in all kinds of	ing of side avated so depth, in disposing	es, ramming oil, and then recluding cons	of bottoms, deturning the solidating each	lepth up to 1. soil as required	5m, inclu ed, in layo layer by ra	ding ers not amming,
	for 300 mm DI p	ipe	I	1	1	Ī	
		1	350.000	1.000	1.250	0.6500	284.375
	Total					- 00	284.375
				To	tal Quantity	v in cum	284.375
8.002	100.1.5					, ,	
	Excavating trenches sockets, and dressing etting out the exceeding 20cm in watering, etc., and m, in Ordinary Ro	ing of side avated so depth, in disposing	es, ramming oil, and then recluding cons	of bottoms, deturning the solidating each	lepth up to 1. soil as required the deposited	5m, inclued, in layer by r	ding ers not amming,
	ordinary rock						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	300 mm DI	1	350.000	1.000	1.250	$0.2500 \\ 00$	109.375
	Total						109.375
				To	tal Quantit	y in cum	109.375
8.003	100.1.13						
	Excavating trenches sockets, and dressing etting out the exceeding 20cm in watering, etc., and 50m, in Hard Rock	ing of side avated so depth, in disposing	es, ramming of il, and then re acluding conse g of surplus ex	of bottoms, deturning the solidating eac excavated soil	epth up to 1. soil as required	5m, inclu ed, in layo layer by r	ding ers not amming,
	hard rock					0.0500	
	300 mm DI	1	350.000	1.000	1.250	0.0500	21.875
	Total			in/2)			21.875
			- CS-3	To	tal Quantity	y in cum	21.875
8.004	100.2.2		(AL)				
	foundation trenche including dressing out the excavated of 50m, in Medium	of sides a soil and d	and rammin <mark>g</mark> isposal of sur	<mark>of</mark> bottoms, l plus excavat	lift up to 1.5 ed soils as d	m, includi	ng getting
	hard rock					0.0500	
	300 mm DI	1	350.000	1.000	1.250	0.0500 00	21.875
	Total						21.875
				To	tal Quantity	y in cum	21.875
8.005	100.8.2						
	Fencing 1.50m hig coir yarn on vertic						
	-	1	350.000				350.000
	Total			I			350.000
				Tota	al Quantity	in metre	350.000
8.006	15.2.1				- J		
	Demolishing ceme material within 50 concrete 1:3:6 or r	metres le	ad as per dire	ection of Eng	ineer - in-Cl		
	demolition cc demolition	4	10.000	0.800	0.150	T	4 900
	Total	4_	10.000	0.800	0.130		4.800
	[ 1 บเลเ						4.800

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
				To	otal Quantity	y in cum	4.800
8.007	18.72.5						
	Providing and layi conforming to IS:						pes
	300 mm DI K7	0227.200	Timi dia 2 di	ome non en	uss II / pipe	<u> </u>	
	WW drain	1	350.000				350.000
	Total						350.000
				Tota	al Quantity	in metre	350.000
8.008	18.70.5				<u> </u>		
	Providing push - or Pipes including tempipe	sting of jo	ints and inclu	uding the cos			
	300 mm D/F DI I		YTON JOIN	TS			
	tyton joints	75	-				75.000
	Total			0/451			75.000
		_	2000	To	tal Quantity	in joint	75.000
8.009	18.83.7	a		200			
	Labour for cutting		with steel sa	w.300 mm d	1ameter C.I.	ріре	
	300 mm DI pipe c		e-PLATFOR OF PUBLIC	M FOR THE M	ANAGEMENT		0.000
	DI pipe cutting	8					8.000
	Total			T. 4 . 1 . 0		V 1 C 4	8.000
0.010	10.60.1			1 otai Q	uantity in E	acn Cut <sub>1</sub>	8.000
8.010	18.68.1 Providing and layi IS: 9523:Upt 600		ecials of clas	s K - 12 suita	able for push	- on joint	ing as per
	DI specials						
	300 mm 90 deg bend	3				0.6500	1.950
	300 mm 45 deg bend	2				0.4900 00	0.980
	300 mm 11.25 deg bend	4				0.3700 00	1.480
	Total						4.410
				Total	l Quantity in	quintal	4.410
8.011	100.35.5						
	Testing 300mm D 300 mm dia Observed Data der	1 1	-		•	test pressi	ıre.
	testing 300 mm D						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	testing 300 mm DI	1	350.000				350.000
	Total						350.00
				Tota	l Quantity	in metre	350.00
8.012	4.1.3					·	
	Providing and layi of centering and sh (zone-III): 4 grade	nuttering -	All work up	to plinth lev	el:1:2:4 (cen	le excludi nent : 2 co	ng the cos parse sand
	road restoration &	kamp; anc	hor blocks				
	road restoration	4	10.000	0.800	0.150		4.80
	anchor blocks	8	0.800	0.800	0.800		4.09
	Total						8.89
				To	tal Quantity	y in cum	8.89
8.013	4.3.1		Л	1			
	Centering and shut for:Foundations, for				etc. and ren	noval of f	orm work
	form work			N. S. C.			
	form work	32	0.800	0.800			20.48
	form work  Total	32	0.800	0.800			
		32	0.800		tal Quantit	y in sqm	20.48
8.014		32	e-PLATFORM		tal Quantit	y in sqm	20.48
8.014	Total	nt for R.C.	C work inclu	To	ening, cuttir	ng, bendin	20.48 20.48
8.014	5.22.6 Steel reinforcement in position and bin	nt for R.C. ding all co	C work inclu	To	ening, cuttir	ng, bendin	20.48 20.48
8.014	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50	nt for R.C. ding all co	C work inclu	To	ening, cuttir	ng, bendin	20.48 20.48 ag, placing y Treated
8.014	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for	nt for R.C.0 ding all co 00D or mo T bars	C work incluomplete upto	To	ening, cuttir	ng, bending echanicall 20.000	20.48 20.48 20, placing y Treated 81.92
8.014	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for anchor blocks	nt for R.C.0 ding all co 00D or mo T bars	C work incluomplete upto	To ding straight plinth level	ening, cuttir	ng, bendin echanicall 20.000 000	20.48 20.48 ag, placing y Treated 81.92 81.92
	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for anchor blocks	nt for R.C. ding all co 00D or mo T bars	C work incluomplete upto	To ding straight plinth level	ening, cuttir Thermo - Me	ng, bendin echanicall 20.000 000	20.48 20.48 20, placing y Treated 81.92
9	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for anchor blocks Total	nt for R.C.0 ding all co 00D or mo T bars	C work incluomplete upto	To ding straight plinth level	ening, cuttir Thermo - Me	ng, bendin echanicall 20.000 000	20.48 20.48 20, placing y Treated 81.92
9	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for anchor blocks  Total  MECHANICAL I' OD49435/2022-20	nt for R.C.0 ding all co 00D or mo T bars  TEMS	C work incluomplete upto ore 4.096	To ding straight plinth level	ening, cuttir Thermo - Me	ng, bendin echanicall 20.000 000	20.48 20.48 20, placing y Treated 81.92
9	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for anchor blocks Total  MECHANICAL I	nt for R.C.0 ding all co 00D or mo T bars  TEMS	C work incluomplete upto ore 4.096	To ding straight plinth level	ening, cuttir Thermo - Me	ng, bendin echanicall 20.000 000	20.48 20.48 20, placing y Treated 81.92
9	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for anchor blocks  Total  MECHANICAL I' OD49435/2022-20	nt for R.C.0 ding all co 00D or mo T bars  TEMS	C work incluomplete upto ore 4.096	To ding straight plinth level	ening, cuttir Thermo - Me	ng, bendin echanicall 20.000 000	20.48 20.48
9	5.22.6 Steel reinforcement in position and bin bars of grade Fe-50 reinforcement TM 20 kg /cum for anchor blocks  Total  MECHANICAL I' OD49435/2022-20 Supply of 80mm C . From top of bed	TEMS  OLUMBER  TEMS  OLUMBER  TEMS	C work included by the complete upto ore 4.096	To ding straight plinth level	ening, cuttir Thermo - Me	ng, bendin echanicall 20.000 000	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	In situ fabrication including cost and of painting the stee even shade over ar	conveyar el work w	nce charges of the two or me	of M.S. plate, ore coat delu	, all fabrication xe multi surf	on charges	s, charges
		Γ				ı	
	From blower to top of bed	1	30.000				30.000
	Total						30.000
				Tot	al Quantity	in metre	30.000
9.003	100.37.5.2						
	the steel work with over an under-coat plates.	n two or n t of prime	nore coat del r etc., compl	uxe multi su ete: For pipe	rface paint to s fabricated v	give an e	ven shade thick M.S.
			4347				8.000
	Total						
	Total			316	<b>Total Quant</b>	ity in no	8.000
9.004	100.37.5.3 Cutting 100mm (I. including cost of g	gas, all lab	our and hire	king bends a		cials by ga	as cutting
9.004	100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m.	gas, all lab	our and hire	king bends a	nd other spec	cials by ga	as cutting r pipes
9.004	100.37.5.3 Cutting 100mm (I. including cost of g	gas, all lab	our and hire	king bends a charges of to	nd other spec	cials by gandlete: For	s cutting r pipes  8.000
	100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m	gas, all lab	our and hire	king bends a charges of to	nd other spec	cials by gandlete: For	s cutting r pipes  8.000
	100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m.	gas, all lab nm thick M 8 I.D.) M.S ncluding	our and hire M.S. plates.  . pipes for m cost of gas a	king bends a charges of to	nd other spectools etc., com  Total Quant  and other spectods, all labour	eials by ganplete: For	8.000 8.000 8.000 gas/electric
	100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m  Total  100.37.5.4  Welding 100mm (welding machine i	gas, all lab nm thick M 8 I.D.) M.S ncluding	our and hire M.S. plates.  . pipes for m cost of gas a	king bends a charges of to	nd other spectools etc., com  Total Quant  and other spectods, all labour	eials by ganplete: For	8.000 8.000 8.000 gas/electric charges of
	100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m  Total  100.37.5.4  Welding 100mm (welding machine i	I.D.) M.S ncluding e: For pip	our and hire M.S. plates.  . pipes for m cost of gas a	king bends a charges of to	nd other spectools etc., com  Total Quant  and other spectods, all labour	eials by ganplete: For	8.000 8.000 8.000 gas/electric
	100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m  Total  100.37.5.4  Welding 100mm (welding machine i tools etc., complet	I.D.) M.S ncluding e: For pip	our and hire M.S. plates.  . pipes for m cost of gas a	king bends a charges of to a charge of the charges of the	nd other spectools etc., com  Total Quant  and other spectods, all labour	ity in no	8.000 8.000 8.000 8.000 8.000 8.000
9.005	100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m  Total  100.37.5.4  Welding 100mm (welding machine i tools etc., complet	I.D.) M.S ncluding e: For pip	our and hire M.S. plates.  . pipes for m cost of gas a	king bends a charges of to a charge of the charges of the	nd other spectools etc., com  Total Quant  and other spectods, all labouthick M.S. pla	ity in no	8.000 8.000 8.000 8.000 8.000 8.000
9.005	Total  100.37.5.3  Cutting 100mm (I. including cost of g fabricated with 8m  Total  100.37.5.4  Welding 100mm (welding machine i tools etc., complete	I.D.) M.S neluding e: For pip	pipes for m cost of gas a es fabricated	aking bends a charges of to a charges of to the charges of to the charges of the	nd other spectools etc., com  Total Quant and other spectods, all labout hick M.S. pla  Total Quant	cials by ganplete: For ity in no cates.	8.000 8.000 8.000 8.000 8.000 8.000 8.000
9.005	Total  Total  Total  100.37.5.5  Grinding cut and vincluding all labout including cost of g fabricated with 8m	I.D.) M.S neluding e: For pip	pipes for m cost of gas a es fabricated	aking bends a charges of to a charges of to the charges of to the charges of the	nd other spectools etc., com  Total Quant and other spectods, all labout hick M.S. pla  Total Quant	cials by ganplete: For ity in no cates.	8.000 8.000 8.000 8.000 8.000 8.000 8.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						16.000
				ı	Total Quant	ity in no	16.000
9.007	100.15.1					-	
	Conveying and lay Ductile Iron Pipes specials: 100mm d	of Class	K-9 conform	ing to IS: 83	29, excluding		
	blower to top of be	ed					
	100 mm mS pipe fixing	1	30.000				30.000
	Total						30.000
				Tot	al Quantity	in metre	30.000
9.008	OD49477/2022-20	)23					
	Conveying and fix cutting and making good the volumental bore				C	•	C
		1	50.000				50.000
	Total	1	30.000	<del>- 1</del> 1			50.000
	1 Otal						
		_		Tot	al Quantity	in metre	
9 009	18.73.2		OF PUBLIC		al Quantity	in metre	50.000
9.009	18.73.2 Providing and layi Ductile Iron Pipes Double Flanged		e Flanged ( S	Screwed / Wo	elded ) Centr	ifugally (S	<b>50.000</b> Spun)
9.009	Providing and layi Ductile Iron Pipes	of Class	e Flanged ( S K - 9 conforn	Screwed / We ming to IS: 8	elded ) Centr 329 :150 mm	ifugally (S	<b>50.000</b> Spun)
9.009	Providing and layi Ductile Iron Pipes Double Flanged	of Class	e Flanged ( S K - 9 conforn	Screwed / We ming to IS: 8	elded ) Centr 329 :150 mm	ifugally (S	<b>50.000</b> Spun)
9.009	Providing and layi Ductile Iron Pipes Double Flanged back wash water p Inlet and overflow of wash	of Class I	e Flanged ( S K - 9 conformain and over	Screwed / We ming to IS: 8	elded ) Centr 329 :150 mm	ifugally (S	50.000 Spun) ile Iron
9.009	Providing and layi Ductile Iron Pipes Double Flanged back wash water p Inlet and overflow of wash water tank	of Class I	e Flanged ( S K - 9 conformain and over	Screwed / We ming to IS: 8	elded ) Centr 329 :150 mm	ifugally (S	50.000 Spun) ile Iron 36.000
	Providing and layi Ductile Iron Pipes Double Flanged back wash water p Inlet and overflow of wash water tank	of Class I	e Flanged ( S K - 9 conformain and over	Screwed / We ming to IS: 8	elded ) Centr 329 :150 mm arrangements	ifugally (S	50.000 Spun) ile Iron 36.000
	Providing and layi Ductile Iron Pipes Double Flanged back wash water p Inlet and overflow of wash water tank Total	of Class in the control of Cla	e Flanged ( S K - 9 conformation and over 36.000	Screwed / We ming to IS: 8 rflow scour a	elded ) Centr 329 :150 mm arrangements al Quantity	ifugally (Son dia Duct	50.000 Spun) ile Iron  36.000  36.000 Spun)
	Providing and layi Ductile Iron Pipes Double Flanged back wash water p Inlet and overflow of wash water tank  Total  18.73.5  Providing and layi Ductile Iron Pipes	of Class	e Flanged ( S K - 9 conformation and over 36.000	Screwed / We ming to IS: 8 rflow scour a	elded ) Centr 329 :150 mm arrangements al Quantity	ifugally (Son dia Duct	50.000 Spun) ile Iron  36.000  36.000 Spun)
	Providing and layi Ductile Iron Pipes Double Flanged back wash water p Inlet and overflow of wash water tank Total  18.73.5  Providing and layi Ductile Iron Pipes Double Flanged	of Class	e Flanged ( S K - 9 conformation and over 36.000	Screwed / We ming to IS: 8 rflow scour a	elded ) Centr 329 :150 mm arrangements al Quantity	ifugally (Son dia Duct	50.000 Spun) ile Iron 36.000 36.000 Spun)
	Providing and layi Ductile Iron Pipes Double Flanged back wash water p Inlet and overflow of wash water tank Total  18.73.5  Providing and layi Ductile Iron Pipes Double Flanged 300 mm D/F DI K	of Class and the control of Class and the cont	e Flanged ( S K - 9 conformation and over 36.000	Screwed / We ming to IS: 8 rflow scour a	elded ) Centr 329 :150 mm arrangements al Quantity	ifugally (Son dia Duct	50.000 Spun) ile Iron  36.000 36.000 Spun) ile Iron

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Flash mixer to Clariflocculator	1	15.000				15.000
	Total						44.000
				Tota	al Quantity	in metre	44.000
9.011	OD49583/2022-20	)23					
	Labour for cutting pipe	Ductile Ir	on pipe with	steel saw.30	00 mm diame	eter Ductil	e Iron.
	300mm flanged j	oints					
	for 44 m	10					10.000
	Total						10.000
				ŗ	Total Quant	ity in no	10.000
9.012	OD49603/2022-20	)23					
	Labour for cutting pipe	Ductile Ir	on pipe with	steel saw.15	50 mm diame	eter Ductil	e Iron.
			a Ka	5260			
	150 mm diameter Ductile Iron. pipe	6					6.000
	Total			<b>3</b> -16			6.000
		X			Total Quant	ity in no	6.000
9.013	18.30.1		e-PLATFORA	A FOR THE M	IANAGEMENT		
	Providing flanged testing of joints:80			d C.I./ D.I p	ipes and spec	cials, inclu	ding
		20					20,000
	T-4-1	20					20.000
	Total				T 1.0	•.	20.000
				<u>'</u>	Total Quant	ity in no	20.000
9.014	18.30.2						
	Providing flanged testing of joints:10	00 mm dia		d C.I./ D.I p	ipes and spec	cials, inclu	ding
	flanged joints 100						
	flanged joints 100 mm blower oulet	12					12.000
	Total						12.000
				ŗ	Total Quant	ity in no	12.000
9.015	18.30.4						
	Providing flanged testing of joints:15			d C.I./ D.I p	ipes and spec	cials, inclu	ding
	WW PM,overflo	w,scour	1				
	150 mm flanged jonts	10					10.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						10.000
					Total Quant	ity in no	10.000
9.016	18.30.7					-	
	Providing flanged testing of joints:30			ed C.I./ D.I p	pipes and spec	cials, inclu	ıding
	300 mm flanged j	oints					
	for 44 m	10					10.000
	Total						10.000
					Total Quant	ity in no	10.000
9.017	18.68.1						
	Providing and layi IS: 9523:Upt 600		ecials of clas	s K - 12 suit	able for push	- on joint	ing as per
	providing flanged	d bends,Te	ees and other	specials 300	0mm DI K12		
	300x90 AF DI bend	7	a K	5		0.7000 00	4.900
	300 x 300 mm TEE	3				1.0600 00	3.180
	150x90 AF DI bend	4	P	7		0.2100 00	0.840
	100x90 DI bend	4	e-PLATFOR OF PUBLIC	M FOR THE N WORKS	ANAGEMENT	0.1200 00	0.480
	300 mm wall casting pipe	5				0.4200 00	2.100
	150 mm wall casting pipe	4				0.1600 00	0.640
	100 mm wall casting pipe	2				0.1000 00	0.200
	Total						12.340
				Tota	l Quantity in	n quintal	12.340
9.018	100.98.481						
	Supply of CI Doub Valve with Hand V				ing to IS 148	46 - 2000,	Sluice
	Blower to bed	2					2.000
	Total						2.000
	1 otal				Total Quant	ity in no	2.000
9.019	100.98.484				Total Qualit	aty m no	2.000
J.017	Supply of CI Doubt Valve with Hand				ing to IS 148	46 - 2000,	Sluice
	150 mm CI D/F						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Back wash scour	1					1.000
	Total						1.000
					Total Quant	ity in no	1.000
9.020	100.98.487						
	Supply of CI Doub Valve with Hand V	ole Flange Wheel PN	ed Sluice Val 1.6, Size 30	ve Conform	ing to IS 148	46 - 2000,	Sluice
	300 mm CI DF sl	uice valve	<b>;</b>				
	Bed back wash outlet	2					2.000
	Filter outlet	2					2.000
	Flow control valves to stilling chamber	2					2.000
	Back wash inlet to beds	2		W			2.000
	Total		a s	OAL.			8.000
			100	SECTION .	Total Quant	ity in no	8.000
9.021	100.31.2.1			210			
	Conveying and fix insertions etc., cor will be paid separa	nplete, bu itely): 80r	t excluding t	he cost of th			
	blower to top of be						
	Blower to bed	2					2.000
	Total						2.000
					Total Quant	ity in no	2.000
9.022	100.31.2.4						
	Conveying and fix insertions etc., cor will be paid separa	nplete, bu	t excluding t	he cost of the	y providing b e valve (tail p	olts, nuts, pieces, if r	rubber equired,
	80mm CI DF slui	ce valve			T	Г	
	Blower to bed	1					1.000
	Total						1.000
					Total Quant	ity in no	1.000
9.023	100.31.2.7						
	Conveying and fix insertions etc., cor will be paid separa	nplete, bu	t excluding t	he cost of th			
	300 mm CI DF sl	uice valve	;			,	
	8 nos	8					8.000
	Total						8.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
					Total Quant	ity in no	8.000
9.024	100.98.232					-	
	Supply of PVC Pi	oe, 10kg/c	m2, 40mm I	Dia.			
	Alum ,lime mixing water line	1	60.000				60.000
	Pressure line for cleaning	1	70.000				70.000
	Chlorine	1	20.000				20.000
	Total						150.000
				Tot	al Quantity	in metre	150.000
9.025	100.98.236						
	Supply of PVC Pip	oe, 10kg/c	m2, 90mm I	Dia.			
					T	· · · · · · · · · · · · · · · · · · ·	
	Alum ,lime outlet and scour	1	40.000	8477			40.000
	Total						40.000
				Tot	al Quantity	in metre	40.000
9.026	OD49677/2022-20	)23					
	Supply, laying, and the filter bed by draining filter bed as	illing hole	es aat require	ed angles pre	ventign entry	of filter	media, and
	90 mm PVC 10kg	5					
	lateral pipes perforated	1	224.000				224.000
	Total						224.000
				Tot	al Quantity	in metre	224.000
9.027	100.9.4						
	Laying uPVC pipe made, placing in p pipes and specials required test press diameter pipes.	osition ali with solv	igning the pipent a	peline to the nd testing th	lines and lev e pipeline wi	els and jo th water t	inting the o the
		4	120.000				120.000
	Total	1	130.000				130.000
	Total			TT : 4	al Oue 44	• 4 ·	130.000
0.020	100.0.0			<u> 10t</u>	al Quantity	in metre	130.000
9.028	100.9.8						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantit
	Laying uPVC pipe made, placing in p pipes and specials required test pressor diameter pipes.	osition all with solv	igning the pigent a	peline to the nd testing the	lines and lev e pipeline wi	els and jo th water to	inting the o the
		1	40.000				40.00
	Total						40.00
				Tot	al Quantity	in metre	40.00
9.029	OD49906/2022-20	)23					
	suitable operating mechani spindles with suita specification with officers.	ble wheel				•	
	scour arrangemen	ts		<b>9</b> 444			
	using 200 mm	1	4290	Willess.			1.00
		_					
	dia pipe			3-16			1.0
			P	₹10	Total Quant	ity in no	
	dia pipe <b>Total</b> OD49932/2022-20		e-PLATPOR OF PUBLIC	M FOR THE M WORKS	Total Quant		1.00 1.00
	Total	esting and lt;br>b ction moto t;suitable	l commission best quality nor (reduction	ning of flocul nake brand no n gear	lator unit agi ew 2.5 HP or	tator motor nearest s	or with uitable partmental
	dia pipe  Total  OD49932/2022-20  Supply, erection, to reduction gear of & squirrel cage induction with & lt; br & gt officers.	esting and lt;br>b	l commission best quality nor (reduction	ning of flocul nake brand no n gear	lator unit agi ew 2.5 HP or	tator motor nearest s	or with uitable partmental
	dia pipe  Total  OD49932/2022-20  Supply, erection, to reduction gear of & squirrel cage induction with < br>	esting and lt;br>b ction moto t;suitable	l commission best quality nor (reduction	ning of flocul nake brand no n gear complete as p	lator unit agi ew 2.5 HP or per the direct	tator motor r nearest s ion of dep	or with uitable partmental 1.00
9.030	dia pipe  Total  OD49932/2022-20  Supply, erection, to reduction gear of & squirrel cage induction with & lt; br & gt officers.  Total	esting and lt;br>b ction moto t;suitable	l commission best quality nor (reduction	ning of flocul nake brand no n gear complete as p	lator unit agi ew 2.5 HP or	tator motor r nearest s ion of dep	or with uitable partmental 1.00
9.030	dia pipe  Total  OD49932/2022-20  Supply, erection, to reduction gear of & squirrel cage induction with & lt; br & gt of ficers.  Total  OD49939/2022-20	esting and lt;br>b etion moto t;suitable	l commission pest quality n or ( reduction ratio ) , etc. o	ning of flocul nake brand no n gear complete as p	lator unit agirew 2.5 HP or per the direct	tator motor nearest s	1.00  or with uitable partmental  1.00  1.00
9.030	Total  OD49932/2022-20 Supply, erection, to reduction gear of & squirrel cage induction with & lt; br & gt of ficers.  Total  OD49939/2022-20 Supply, erection, to arm motor with reduction gear cage induction mo gear box with suita connections, earthing and supplementations.	esting and lt;br>b etion moto t;suitable  1  223 esting and ar of best of tor ( reducable ratio ing and two tests and two tests and two tests are tor	l commission pest quality nor ( reduction ratio ) , etc. of the commission quality make ction ) , etc. includivo	ning of floculate brand no gear complete as printing of clarific brand new Hing panel both	lator unit agirew 2.5 HP or nearest pard, starter, or	tator motor nearest s ion of dep ity in no hit suitable suitable s cable, cap	1.00  or with uitable partmental 1.00  1.00  1.00  e raking equirrel
9.030	dia pipe  Total  OD49932/2022-20  Supply, erection, to reduction gear induction gear of & squirrel cage induction gear of ficers.  Total  OD49939/2022-20  Supply, erection, to arm motor with reduction gear cage induction motor gear box with suita	esting and lt;br>b etion moto t;suitable  1  223 esting and ar of best of tor ( reducable ratio ing and two tests and two tests and two tests are tor	l commission pest quality nor ( reduction ratio ) , etc. of the commission quality make ction ) , etc. includivo	ning of floculate brand no gear complete as printing of clarific brand new Hing panel both	lator unit agirew 2.5 HP or nearest pard, starter, or	tator motor nearest s ion of dep ity in no hit suitable suitable s cable, cap	1.00  or with uitable partmental 1.00  1.00  1.00  e raking equirrel
9.030	Total  OD49932/2022-20 Supply, erection, to reduction gear of & squirrel cage induction with & lt; br & gt of ficers.  Total  OD49939/2022-20 Supply, erection, to arm motor with reduction gear cage induction mo gear box with suita connections, earthing and supplementations.	esting and lt;br>b etion moto t;suitable  1  223  esting and ar of best of tor ( reducable ratio ing and two ing and the in	l commission pest quality nor ( reduction ratio ) , etc. of the commission quality make ction ) , etc. includivo	ning of floculate brand no gear complete as printing of clarific brand new Hing panel both	lator unit agirew 2.5 HP or nearest pard, starter, or	tator motor nearest s ion of dep ity in no hit suitable suitable s cable, cap	1.00  or with uitable partmental 1.00  1.00  1.00  e raking equirrel acitor, pip
9.030	Total  OD49932/2022-20 Supply, erection, to reduction gear of & squirrel cage induction with & lt; br & gt of ficers.  Total  OD49939/2022-20 Supply, erection, to arm motor with reduction gear cage induction mo gear box with suita connections, earthing and supplementations.	esting and lt;br>bction moto t;suitable 1	l commission pest quality nor ( reduction ratio ) , etc. of the commission quality make ction ) , etc. includivo	ning of floculate brand no gear complete as printing of clarific brand new Hing panel both	lator unit agirew 2.5 HP or nearest pard, starter, or	tator motor nearest s ion of dep ity in no hit suitable suitable s cable, cap	1.00  or with uitable partmental 1.00  1.00  1.00  e raking equirrel

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
9.032	OD49980/2022-20	)23									
	Supply, providing testing and commissioning of Flash mixer gate valves -400 mm square type (PN 1.6) or nearest IS specification of IS-3042 including gear system and spindles with suitable specification for works in manually with connecting specials as per the direction of depart mental officers.										
	gate valves rectan	gular type	e 400mm wid	dth							
	filter inlet- 2,aerator-2,by- pass channel1	5					5.000				
	Total						5.000				
				,	Total Quant	ity in no	5.000				
9.033	OD50077/2022-2023  Supply, erection, testing and commissioning of flash mixer unit agitator of best qualimake brand new 2 HP or nearest suitable squirrel cage induction motor ( reduction gear box with suitable ratio ), etc. including panel board, starter, cable, capacitor, pipe connections, earthing and two year maintenance complete asper the direction of departmental officers										
		N/			_=						
		1	e-PLATFOR	M FOR THE M	ANAGEMENT		1.000				
	Total		OF PUBLIC	WORKS			1.000				
				<u>'</u>	Total Quant	ity in no	1.000				
9.034	OD50135/2022-20 Supply, providing valves- 80 mm GM with s	testing an									
	Alum and Lime- Outlet and scour	8					8.000				
	Total						8.000				
				,	Total Quant	ity in no	8.000				
9.035	OD50151/2022-20	)23									
	Supply, erection, testing and commissioning of Alum, lime agitator motor with reduction gear of best quality make brand new 1.5 HP or nearest suitable squirrel cage induction motor with suitable specification for works in manually, electrically (reduction gear box with suitable ratio), etc. includin panel board, starter, cable, capacitor, pipe connections, earthing and two year maintenance complete as per the direction of departmental officers.										

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Alum and Lime	4					4.000			
	Total						4.000			
					Total Quant	tity in no	4.000			
9.036	OD50787/2022-20	)23								
	Supply, and fixing of spindles and wheel for scour valves and back wash in outlet, flow control (300 mm(PN 1.6)) including gear system and spindles suitable specification for works in manually with connecting specials  Filter bed back wash, scour, CW outlet etc. as per specification									
	Filter bed back w	ash,scour	, CW outlet	etc.as per spe	ecification	T				
	Filter bed back wash,scour, CW outlet etc.as per specification	10					10.000			
	Total						10.000			
				1/16	Total Quant	tity in no	10.000			
9.037	OD50843/2022-20	)23	A K	ō All						
	Supply, providing 0.7m3/min/sqm including NRV,sluelectrical works w	iice valve	s,starter.capa	acitor of requ	ired capacity	and asso				
		2	OF PUBLIC	WORKS			2.000			
	Total						2.000			
					Total Quant	tity in no	2.000			
9.038	OD50852/2022-20	)23								
	Supply, providing 17.36lps and total head 10) suitable f mm thick MS head and including pand starter, cable, capa two year maintena	For the treater pipe and the board, action, pipe	atment plant nd suction pi	works opera pe of suitabl	ting at 415V, e sizes, with	/50hz AC a connecting, NRV ear	supply, 8 ng specials			
		2					2.000			
	Total						2.000			
	1 0 0 0 1				Total Quant	tity in no	2.000			
9 030	OD50857/2022-20	)23			Tomi Quali	nty III IIU	2.000			
7.037	Supply, providing approval .and fille	testing an		oning of chlo	rine tonner v	vith all sta	itutory			
				T	T	T				
		2					2.000			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Total						2.000			
				ı	Total Quant	ity in no	2.000			
9.040	OD50870/2022-20	)23				-				
	Supply, providing flow(Material Rag borosilicate glass) manually or electridepartmental offic	id pvc pip of capaci ically with	oe, rod, sheet ty 50grams t	, copper, bra o 2000grams	ss and extra larger shares and extra larger specificar	heavy dut tion for w	y orks in			
		2					2 000			
	T-4-1	2					2.000			
	Total			,	T. 4. 1. O 4	•4	2.000			
9.041	OD50908/2022-20	22			Total Quant	ity in set	2.000			
	rubberized(with copiece ) piece with:	supply and providing Scraping piece in the raker arm .The high quality compressed rubberized(with compressed rubber piece as per IS/ISO specification including fixing piece ) piece with in the unit. as per the direction of departmental officers.								
		1	12.000	<b></b>			12.000			
	Total	P.O.					12.000			
			OF PUBLIC	Tot	al Quantity	in metre	12.000			
10	Electrification wor	ks								
	OD51033/2022-20	)23								
1	Wiring for light pomm FRI PVC ins PVC con type switch, pheno and eartl mm FRLS PVC in as required. <br&< td=""><td>LS ulated copuduit, with olic&lt; browning the psulated co</td><td>pper conduct n piano &gt;laminate oint with 1.5 ppper<br&< td=""><td>or single cord sheet, suita</td><td>e cable in sur</td><td>rface I rec box</td><td>ressed</td></br&<></td></br&<>	LS ulated copuduit, with olic< browning the psulated co	pper conduct n piano >laminate oint with 1.5 ppper <br&< td=""><td>or single cord sheet, suita</td><td>e cable in sur</td><td>rface I rec box</td><td>ressed</td></br&<>	or single cord sheet, suita	e cable in sur	rface I rec box	ressed			
		95					95.000			
	Total						95.000			
				-	Total Quant	ity in no	95.000			
	OD51088/2022-20	)23								
2	Wiring for circuit/ sizes of FRLS PVC ins recessed medium of conduit ; earth wire	ulated cop class PVC	pper conduct	or, single<	;br>core	cable in su	urface/			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
		60					60.000			
	Total						60.000			
				ı	Total Quant	ity in no	60.000			
_	OD51111/2022-20	)23								
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire									
		1	400.000				400,000			
	Total	1	400.000				400.000 <b>400.000</b>			
	Total			Tot	al Ossantitus	: o4				
10.00	OD51125/2022-20	)22	THE STATE OF THE S	100	al Quantity	in metre	400.000			
	Supplying and fixi with acc making good the s recessed conduit a	essories& ame <b s<br&g< td=""><td>clt;br&gt;in sr clt;br&gt;in case gt;required.&amp;</td><td>urface/recest of</td><td>s including co</td><td>utting the</td><td>wall and</td></br&g<></b 	clt;br>in sr clt;br>in case gt;required.&	urface/recest of	s including co	utting the	wall and			
		1	200.000				200.000			
	Total			TD 4	10 44		200.000			
10.00	OD 51100 /2022 20			Tot	al Quantity	in metre	200.000			
10.00	OD51139/2022-20 Wiring for circuit/ sizes of FRLS PVC ins recessed medium of conduit wire	submain ulated cop class PVC	oper conduct	or, single<	;br>core	cable in su	ırface/			
	•	1	250.000				250.000			
	Total						250.000			
				Tot	al Quantity	in metre	250.000			
10.00	OD51206/2022-20	)23			- ·					
6	Wiring for circuit/ sizes of FRLS PVC ins recessed medium of conduit  earth wire	submain ulated cop class PVC	oper conduct	or, single<	;br>core	cable in su	ırface/			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
		1	200.000				200.000				
	Total						200.000				
				Tot	al Quantity	in metre	200.000				
10.00	OD51224/2022-2023										
7	Wiring for circuit/ sizes of FRLS PVC ins recessed medium of conduit  wire	ulated cop class PVC	oper conducto	or, single<	;br>core	cable in si	urface/				
		1	160.000				160.000				
	Total	1	100.000								
	Total		J.	Т-4	-1.04:4	•	160.000				
10.00	OD51255/2022-20	200	TIN.	100	al Quantity	in metre	160.000				
8	Wiring for circuit/ sizes of FRLS PVC ins recessed medium conduit ; wire	ulated cop class PVC	oper conducto	o <mark>r, si</mark> ngle<	;br>core	cable in st	urface/				
8	sizes of FRLS PVC ins recessed medium of conduit wire .	ulated cop class PVC	oper conducto	o <mark>r, si</mark> ngle<	;br>core	cable in st	urface/ . mm earth  190.000				
8	sizes of FRLS PVC ins recessed medium of conduit 	ulated cop class PVC as <br&< td=""><td>oper conductor gt;required.&amp;</td><td>o<mark>r, s</mark>ingle&lt; klt;br&gt;4 2</td><td>;br&gt;core o</td><td>cable in si</td><td>urface/ . mm earth  190.000  190.000</td></br&<>	oper conductor gt;required.&	o <mark>r, s</mark> ingle< klt;br>4 2	;br>core o	cable in si	urface/ . mm earth  190.000  190.000				
	sizes of FRLS PVC ins recessed medium of conduit wire .  Total	ulated cop class PVC as <br&< td=""><td>oper conductor gt;required.&amp;</td><td>o<mark>r, s</mark>ingle&lt; klt;br&gt;4 2</td><td>;br&gt;core</td><td>cable in si</td><td>urface/ . mm earth  190.000  190.000</td></br&<>	oper conductor gt;required.&	o <mark>r, s</mark> ingle< klt;br>4 2	;br>core	cable in si	urface/ . mm earth  190.000  190.000				
	sizes of FRLS PVC ins recessed medium of conduit wire .	ulated copelass PVC as <br&< td=""><td>pper conductors; required.&amp;  190.000  odule stepped alt; br&gt; plate</td><td>Total type electrone switch box</td><td>;br&gt;core of X 6 sq. mm + A Sq.</td><td>cable in su-2 X 6 sq in metre</td><td>190.000 190.000 190.000 he</td></br&<>	pper conductors; required.&  190.000  odule stepped alt; br> plate	Total type electrone switch box	;br>core of X 6 sq. mm + A Sq.	cable in su-2 X 6 sq in metre	190.000 190.000 190.000 he				
10.00	sizes of FRLS PVC ins recessed medium of conduit wire  .  Total  OD51316/2022-20  Supplying and fixi existing excluding modular .	ulated copclass PVC as <br&< td=""><td>pper conductors; required.&amp;  190.000  odule stepped alt; br&gt; plate</td><td>Total type electrone switch box</td><td>;br&gt;core of X 6 sq. mm + A Sq.</td><td>cable in su-2 X 6 sq in metre</td><td>190.000 190.000 190.000 190.000 he as but</td></br&<>	pper conductors; required.&  190.000  odule stepped alt; br> plate	Total type electrone switch box	;br>core of X 6 sq. mm + A Sq.	cable in su-2 X 6 sq in metre	190.000 190.000 190.000 190.000 he as but				
10.00	sizes of FRLS PVC ins recessed medium of conduit wire  .  Total  OD51316/2022-20  Supplying and fixi existing 	ulated copelass PVC as <br&< td=""><td>pper conductors; required.&amp;  190.000  odule stepped alt; br&gt; plate</td><td>Total type electrone switch box required.</td><td>;br&gt;core of X 6 sq. mm + A sq.</td><td>in metre</td><td>190.000 190.000 190.000 190.000 20.000</td></br&<>	pper conductors; required.&  190.000  odule stepped alt; br> plate	Total type electrone switch box required.	;br>core of X 6 sq. mm + A sq.	in metre	190.000 190.000 190.000 190.000 20.000				
10.00	sizes of FRLS PVC ins recessed medium of conduit wire  .  Total  OD51316/2022-20 Supplying and fixit existing excluding modular .  Total  OD51327/2022-20 roviding and fixing	ulated copelass PVC as <br&< td=""><td>oper conductors; required.&amp;  190.000  odule stepped calt; br&gt; plat. &amp; lt; br&gt; as</td><td>Total type electrone switch box required.</td><td>;br&gt;core of K 6 sq. mm + al Quantity  onic fan regulation including control to the control of the control of</td><td>in metre</td><td>190.000 190.000 190.000 190.000 20.000 20.000</td></br&<>	oper conductors; required.&  190.000  odule stepped calt; br> plat. & lt; br> as	Total type electrone switch box required.	;br>core of K 6 sq. mm + al Quantity  onic fan regulation including control to the control of	in metre	190.000 190.000 190.000 190.000 20.000 20.000				
10.00 9	sizes of FRLS PVC ins recessed medium of conduit wire  .  Total  OD51316/2022-20  Supplying and fixit existing excluding modular .  Total  OD51327/2022-20	ulated copelass PVC as <br& 1="" 223="" a="" all="" and="" ang="" are="" at="" mean="" panels="" plate="" sp<="" special="" td="" two=""><td>pper conductors gt;required.&amp;  190.000  odule stepped clt;br&gt;plat  as  g rating and lers in existing el,making</td><td>Total type electrone switch box required.</td><td>;br&gt;core of X 6 sq. mm + A sq. mcity MCCB ANEL / verti</td><td>in metre lator on to onnection with there</td><td>190.000 190.000 190.000 190.000 20.000 20.000 modynamic</td></br&>	pper conductors gt;required.&  190.000  odule stepped clt;br>plat as  g rating and lers in existing el,making	Total type electrone switch box required.	;br>core of X 6 sq. mm + A sq. mcity MCCB ANEL / verti	in metre lator on to onnection with there	190.000 190.000 190.000 190.000 20.000 20.000 modynamic				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		1					1.000
	Total						1.000
					Total Quant	ity in no	1.000
10.01	OD51334/2022-20	)23					
1	roviding and fixing release and term drilling holes in cu connections <br< td=""><td>ninal spred bicle pan</td><td>lers in existinel, making</td><td>ng cubicle Pa</td><td>ANEL / verti</td><td></td><td>•</td></br<>	ninal spred bicle pan	lers in existinel, making	ng cubicle Pa	ANEL / verti		•
		2					2.000
	Total						2.000
					Total Quant	ity in no	2.000
10.01	OD51345/2022-20	)23		2-0		<i>j</i>	
	release a including drilling l panel,making <b< td=""><td>holes in co</td><td>ubicle nections etc</td><td></td><td>lt;br&gt;100</td><td></td><td>4.000</td></b<>	holes in co	ubicle nections etc		lt;br>100		4.000
	Total		OF PUBLIC	WORKS			4.000
					Total Quant	ity in no	4.000
10.01	OD51351/2022-20	)23				•	
3	Supply and installa proof en earth bus and DIN MCB/ is recess including cu making  (8+36) - three phase 42/43)	closure of rail suital colator etc atting hole good the o	f MCB DB in ble for fixing fixed on wa on the wall damages, col	ncluding cop s all using suita ,	per/brass bu able anchor b	s bar, neu	tral link, aed in
							<b>7</b> 000
	Total	5					5.000
	1 Uta1				Total Quant	ity in no	5.000 5.000
10.01	OD51356/2022-20	)23			Total Qualit	aty 111 110	2.000
4	Providing and fixing inside th including drilling landking connection	ng follow e <br& holes in c</br& 	gt;existing paubicle <bra< td=""><td>anel board w &gt;panel,</td><td>ith ISI marke</td><td>ed HRC fu</td><td>ises</td></bra<>	anel board w >panel,	ith ISI marke	ed HRC fu	ises

	Specification	No	Length	Width	Depth	Cf	Quantity
		1					1.000
	Total						1.000
				ı	Total Quant	ity in no	1.000
10.01	OD51358/2022-20	)23				-	
5	Supply and installated vermin penclosure of MCB rail suitable for fix isolator etc. fixed cutting hole on the good the damages, phase double coverage.	oroof DB inclu ing <td>ding copper &gt;MCB/ sing suitable ;br&gt;maki ashing etc. a</td> <td>/brass bus ba anchor bolts ng</td> <td>or fixed in re</td> <td>k, earth b</td> <td>ading</td>	ding copper >MCB/ sing suitable ;br>maki ashing etc. a	/brass bus ba anchor bolts ng	or fixed in re	k, earth b	ading
		6					6.000
	Total		-6)				6.000
10.01	OD51361/2022-20		- A.X	<b>5</b> 26	Total Quant	ity in no	6.00
	Total	1	OF PUBLIC	WORKS	AVAGEMENT		1.00
	1000				Total Quant	ity in no	1.000
10.01	OD51444/2022-20	023			Total Quant	ity in no	1.000
7		ng follow: e <br&; holes in co</br&; 	gt;existing paubicle <bra< td=""><td>TP&amp;N anel board w &gt;panel,</td><td>disconnector ith ISI marke</td><td>fuse swited HRC fu</td><td>ises</td></bra<>	TP&N anel board w >panel,	disconnector ith ISI marke	fuse swited HRC fu	ises
7	OD51444/2022-20 Providing and fixing inside th including drilling landking connection.	ng follow e <br& holes in co ns, etc.&lt;</br& 	gt;existing paubicle <bra< td=""><td>TP&amp;N anel board w &gt;panel, quired.<bi< td=""><td>disconnector ith ISI marke &gt;100A T</td><td>fuse swited HRC fu</td><td>1.000 1.000 ch unit ises 2.000 2.000</td></bi<></td></bra<>	TP&N anel board w >panel, quired. <bi< td=""><td>disconnector ith ISI marke &gt;100A T</td><td>fuse swited HRC fu</td><td>1.000 1.000 ch unit ises 2.000 2.000</td></bi<>	disconnector ith ISI marke >100A T	fuse swited HRC fu	1.000 1.000 ch unit ises 2.000 2.000
7	OD51444/2022-20 Providing and fixiniside thincluding drilling limaking connection  Total	ng follow e <br& holes in cr ns, etc.&lt;</br& 	gt;existing paubicle <bra< td=""><td>TP&amp;N anel board w &gt;panel, quired.<bi< td=""><td>disconnector ith ISI marke</td><td>fuse swited HRC fu</td><td>1.000 1.000 ch unit ises</td></bi<></td></bra<>	TP&N anel board w >panel, quired. <bi< td=""><td>disconnector ith ISI marke</td><td>fuse swited HRC fu</td><td>1.000 1.000 ch unit ises</td></bi<>	disconnector ith ISI marke	fuse swited HRC fu	1.000 1.000 ch unit ises
7	OD51444/2022-20 Providing and fixing inside th including drilling landking connection.	ng follow e <br& holes in co ns, etc.&lt; 2 2 2 2 323 ing follow e<br& holes in co</br& </br& 	gt;existing paubicle <brd;;br>as red</brd;;br>	TP&N anel board w >panel, quired. <br TP&amp;N anel board w &gt;panel,ma</br 	disconnector ith ISI marker & gt;100A T	fuse swited HRC fuse swite fuse swited HRC fus	2.000 2.000 tch unit

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
	Total						1.000				
				ı	Total Quant	ity in no	1.000				
10.01	OD51523/2022-2023										
9	:Supply, conveyar & samp; switchgears & lt; broat the existing panel required. & lt; br & g type MCCB with release with overlo	>confoassembly t;125A,&	orming to IS as lt;br>35/3 eessor based	13947 suitab 86 kA (Ics=1	le for 440 V,	50 Hz, A	C supply in nt limiting				
		1					1 000				
	Total	1					1.000 <b>1.000</b>				
	Total				Total Quant	ity in no	1.000				
10.02	OD51547/2022-20	123		lw/\.	Total Qualit	ity iii iio	1.000				
	"C" circuit b existing MCB DB with con required. <br&g< td=""><td>reaker sui complete nections,</td><td>table for ind  te ole</td><td>uctive load o</td><td>nmissioning</td><td></td><td>poles in the</td></br&g<>	reaker sui complete nections,	table for ind  te ole	uctive load o	nmissioning		poles in the				
		35	OE PUBLIC	WORKS			35.000				
	Total	33					35.000				
	Total			ı	Total Quant	ity in no	35.000				
10.02	OD51567/2022-20	)23			Total Qualit	ity in no	22.000				
1	Supplying and fixi MCB DB com required. <br&g< td=""><td>plete with</td><td>n connections</td><td></td><td></td><td></td><td><u> </u></td></br&g<>	plete with	n connections				<u> </u>				
	Total						4.000				
				ı	Total Quant	ity in no	4.000				
10.02	OD51579/2022-20	)23									
2	Supplying and fixi MCB DB com required. <br&g< td=""><td>ng follow</td><td>n connections</td><td></td><td></td><td></td><td><u> </u></td></br&g<>	ng follow	n connections				<u> </u>				
		4					4.000				
	Total	<u> </u>	<u> </u>	<u> </u>			4.000				
	1000						7.000				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
				1	Total Quant	ity in no	4.000			
10.02	OD51619/2022-20	)23								
3	Supply, conveyand & switchgears & lt; brothe existing panel	>confo	orming to IS	13947 suitab	le for 440 V,	50 Hz, A	C supply in			
	required. <br&g limiting type MCC of 80 - 100% with</br&g 	B having	thermal sett	ing range	,,	1 ,				
	/D . 4 . 1	1					1.000 <b>1.000</b>			
	1 otai									
10.02	OD51649/2022-20	Total Quantity in no								
4	Wiring for circuit/ sizes of FRLS PVC ins recessed medium of conduit  earth wire	ulated cop class PVC	oper conduct	or, single<	;br>core	cable in su	urface/			
		1	195.000	M FOR THE M	ANAGEMENT		195.000			
	Total	1	193.000	WORKS			195.000			
	Total				Total Quant	ity in no	195.000			
10.02	OD51701/2022-20	)23			Total Qualit	ity iii iio	175.000			
5	Supplying and fixi on lt;br lt	ng suitab ce ess, included 5/6 A n	ding providir nodular swite	ng and fixing	•					
		1	110.000				110.000			
	Total						110.000			
					Total Quant	ity in no	110.000			
10.02	OD51707/2022-20	)23								
6	Supplying and fixi complete as required.	ng call be	ell/ buzzer su	itable for sin	gle phase,&l	t;br>2	30 V,			
	•	3					3.000			
	Total				<u> </u>	ı	3.000			
				ı	Total Quant	ity in no	3.000			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
10.02	OD51713/2022-20	)23			-	-					
7	:Installation, testing compact fluorescent <br&tube dire="" etc.="" lamp="" wall,<br="">inccopper cand eart</br&tube>	ectly on ce cluding&leconductor,	of all types, eiling/ t;br>conn single core	complete wi	th all <br&< td=""><td>gt;access</td><td>ories and</td></br&<>	gt;access	ories and				
	76										
	Total	70					76.000 <b>76.000</b>				
	Total Quantity in no										
10.02	OD51725/2022-2023										
	:Installation, testindown rods of standinsulated, copper core cab	ard length	(upto 30 cm , single	n) with 1.5&l							
		20					20.000				
	Total	20					20.000				
			e-PLATFOR OF PUBLIC	M FOR THE M WORKS	Total Quant	ity in no	20.000				
10.02	OD51741/2022-20	)23									
9	the damage, <br&gt< td=""><td>;connection;</td><td colspan="9">:Installation of exhaust fan in the existing opening, including making good</td></br&gt<>	;connection;	:Installation of exhaust fan in the existing opening, including making good								
	1 -										
		10					10.000				
	Total	10					10.000 <b>10.000</b>				
	Total	10			Total Quant	ity in no					
10.03	<b>Total</b> OD51756/2022-20				Total Quant	ity in no	10.000				
10.03		023 king follov rmomagn d includir <br&gt< td=""><td>etic release a g drilling ;cubicle pand</td><td>and breaking and terminal&amp;</td><td>capacity and</td><td><br&gt< td=""><td>10.000 10.000 ;pole</td></br&gt<></td></br&gt<>	etic release a g drilling ;cubicle pand	and breaking and terminal&	capacity and	<br&gt< td=""><td>10.000 10.000 ;pole</td></br&gt<>	10.000 10.000 ;pole				
_	OD51756/2022-20 :Providing and fix MCCB with the cubicle panel boar holes ind	023 king follov rmomagn d includir <br&gt< td=""><td>etic release a g drilling ;cubicle pand</td><td>and breaking and terminal&amp;</td><td>capacity and</td><td><br&gt< td=""><td>10.000 10.000 ;pole existing</td></br&gt<></td></br&gt<>	etic release a g drilling ;cubicle pand	and breaking and terminal&	capacity and	<br&gt< td=""><td>10.000 10.000 ;pole existing</td></br&gt<>	10.000 10.000 ;pole existing				
_	OD51756/2022-20 :Providing and fix MCCB with the cubicle panel boar holes increquired. <br&g< td=""><td>023 king follov rmomagn d includir <br&gt< td=""><td>etic release a g drilling ;cubicle pand</td><td>and breaking and terminal&amp;</td><td>capacity and</td><td><br&gt< td=""><td>10.000 10.000 ;pole existing</td></br&gt<></td></br&gt<></td></br&g<>	023 king follov rmomagn d includir <br&gt< td=""><td>etic release a g drilling ;cubicle pand</td><td>and breaking and terminal&amp;</td><td>capacity and</td><td><br&gt< td=""><td>10.000 10.000 ;pole existing</td></br&gt<></td></br&gt<>	etic release a g drilling ;cubicle pand	and breaking and terminal&	capacity and	<br&gt< td=""><td>10.000 10.000 ;pole existing</td></br&gt<>	10.000 10.000 ;pole existing				
_	OD51756/2022-20 :Providing and fix MCCB with the cubicle panel boar holes ind	023 king follow rmomagn d includir <br&gt t;100 A, 3</br&gt 	etic release a g drilling ;cubicle pand	nd breaking and terminal& el, making co CB	capacity and	<br&gt eaders in tc. as</br&gt 	10.000 10.000 ;pole existing				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
10.03	OD51768/2022-20	)23									
1	:Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth Actual rate = 2440.62/no For avoiding CPOH 16% = 2440.62*.84 = 2050.12/no bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 12 way double door =2Nos										
	T-4-1	1					1.000				
	Total			,	T. ( 1.0 )	•	1.000				
10.00					Total Quant	ity in no	1.000				
10.03	OD51802/2022-20 Supplying and fixi			W/L			_				
	copper bus bar, ne bar, din etc. as re MCB/RCCB/Isola	bar, <bi< td=""><td>r&gt;intercor But without r&gt;8 way d</td><td></td><td>_=</td><td>l including</td><td></td></bi<>	r>intercor But without r>8 way d		_=	l including					
		1					1.000				
	Total						1.000				
				,	Total Quant	ity in no	1.000				
10.03	OD51834/2022-20	)23									
3	:Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 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) 8 way (4 + 24), Double door=3										
		1					1.000				
	Total						1.000				
				,	Total Quant	ity in no	1.000				
10.03	OD51846/2022-20	)23									

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	:Supplying and fix sheet steel,	ing follow	ving way, ho	rizontal type	three pole&	lt;br>a	nd neutral,			
	MCB di tinned copper bus earth bar, <br&g earthing etc. as rec</br&g 	bar, neutr gt;din bar, quired. (B	al  interconnect ut	bus bar, ions, powder	r painted<	br>inc	luding			
	without MCB/RCCB/ Isolator) 6 way (4 + 18), Double door									
	m 4 1	2					2.000			
	Total				T. ( 10)	•	2.000			
10.03	OD51871/2022-20	)22			Total Quant	ity in no	2.000			
	:Supplying and fir type, 415 V, TPN MCB distribution painted, inclusive tinned cofor mourand incomer) as&l normally used who  8 way (-	ution boar of 200 A, opper <l nting MCl lt;br&gt;re ere 3 phas</l 	d of sheet stoor>bus ba Bs (but without equired. <be>br&gt;Dou</be>	eel, <br&g ur, common r out MCBs or&gt;(Note: outle4 way</br&g 	t;dust protect neutral link, e Vertical typ klt;br>	ted, duly pearth bar, o	oowder din bar			
				ı	Total Quant	ity in no	1.000			
10.03	OD51875/2022-20	)23								
6	OD51875/2022-2023  :Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 4 way (4 + 12), Double door									
		1					1 000			
	Total	1					1.000 <b>1.000</b>			
	1 Otal				Total Quant	ity in no	1.000			
10.02	OD51884/2022-20	)23			Total Qualit	III IIO	1.000			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Triple pole=24Nos										
				•	, ,	<u> </u>					
		6					6.000				
	Total				•		6.00				
				1	Total Quant	tity in no	6.00				
10.03	OD51889/2022-20	)23									
8	Supplying and fixi " C" circuit< br> b existing MCB DB with< br> conrequired.< br&g	<br&g reaker sui complete inections,</br&g 	t;curve, mini table for ind  te	ature uctive load o	of f	0.1	poles in the				
,				<b>Q</b> A[1]	Τ	1					
					1	1	50.00				
		50	100				30.00				
	Total	50									
10.03	OD51897/2022-20	)23	wing rating (	M FOR THE M	Total Quant		50.00 50.00				
_	OD51897/2022-20 :Supplying and fix existing MCB DB com required. <br&g< td=""><td>023 ing follow</td><td></td><td>double pole,</td><td>240 V, isolat</td><td>or<br&< td=""><td>50.00 50.00 egt;in the aing etc. as</td></br&<></td></br&g<>	023 ing follow		double pole,	240 V, isolat	or <br&< td=""><td>50.00 50.00 egt;in the aing etc. as</td></br&<>	50.00 50.00 egt;in the aing etc. as				
_	OD51897/2022-20 :Supplying and fix existing MCB DB com	023 ing follow plete with t;40A		louble pole,	240 V, isolat  co	or <br& ommission</br& 	50.00 50.00 egt;in the ning etc. as 1.00 1.00				
9	OD51897/2022-20 :Supplying and fix existing MCB DB com required. <br&g< td=""><td>023 ing follow plete with t;40A</td><td></td><td>louble pole,</td><td>240 V, isolat</td><td>or<br& ommission</br& </td><td>50.000 50.000 egt;in the</td></br&g<>	023 ing follow plete with t;40A		louble pole,	240 V, isolat	or <br& ommission</br& 	50.000 50.000 egt;in the				
9	OD51897/2022-20 :Supplying and fix existing MCB DB com required. <br&g< td=""><td>223 cing follow plete with t;40A  1  223 cing follow current ci the existin plete with</td><td>ring rating, d</td><td>ouble pole, (controller)</td><td>240 V, isolat  co</td><td>tity in no  </td><td>50.00 50.00  egt;in the sing etc. as  1.00 1.00 1.00  ignal</td></br&g<>	223 cing follow plete with t;40A  1  223 cing follow current ci the existin plete with	ring rating, d	ouble pole, (controller)	240 V, isolat  co	tity in no 	50.00 50.00  egt;in the sing etc. as  1.00 1.00 1.00  ignal				
9 10.04	OD51897/2022-20 :Supplying and fix existing MCB DB com required. <br&g .="" 2022-20="" 240="" and="" fixi="" neutral),="" od51916="" residual<br="" supplying="" total="" v,=""> current 30 mA in t DB  com</br&g>	223 cing follow plete with t;40A  1  223 cing follow current ci he existin plete with red. <br< td=""><td>ring rating, d</td><td>ouble pole, (controller)</td><td>240 V, isolat  co</td><td>tity in no  </td><td>50.00 50.00 50.00 egt;in the sing etc. as 1.00 1.00 1.00 cand tivity sing etc.</td></br<>	ring rating, d	ouble pole, (controller)	240 V, isolat  co	tity in no 	50.00 50.00 50.00 egt;in the sing etc. as 1.00 1.00 1.00 cand tivity sing etc.				
9 10.04	OD51897/2022-20 :Supplying and fix existing MCB DB com required. <br&g .="" 2022-20="" 240="" and="" fixi="" neutral),="" od51916="" residual<br="" supplying="" total="" v,="">current 30 mA in t DB current 30 mA in t DB requires.</br&g>	223 cing follow plete with t;40A  1  223 cing follow current ci the existin plete with	ring rating, d	ouble pole, (controller)	240 V, isolat  co	tity in no 	50.00 50.00 50.00 egt;in the aing etc. as 1.00 1.00 1.00 cand tivity aing etc.				
9 10.04	OD51897/2022-20 :Supplying and fix existing MCB DB com required. <br&g .="" 2022-20="" 240="" and="" fixi="" neutral),="" od51916="" residual<br="" supplying="" total="" v,=""> current 30 mA in t DB  com</br&g>	223 cing follow plete with t;40A  1  223 cing follow current ci he existin plete with red. <br< td=""><td>ring rating, d</td><td>ouble pole, ouble pole, (c (RCCB),&amp;l</td><td>240 V, isolat  co</td><td>tity in no   ng a sensit</td><td>50.00 50.00 egt;in the sing etc. as 1.00 1.00 1.00 1.00 1.00</td></br<>	ring rating, d	ouble pole, ouble pole, (c (RCCB),&l	240 V, isolat  co	tity in no ng a sensit	50.00 50.00 egt;in the sing etc. as 1.00 1.00 1.00 1.00 1.00				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	:Supplying and fixing following rating, four pole, (three phase and neutral),									
	415 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63A									
		2					2.000			
	Total						2.000			
				1	Total Quant	ity in no	2.000			
10.04	OD51923/2022-20	)23								
	power cable of 1.1 kV g in one tier horizon formation <br&g covering and<b required.<br&g< td=""><td>tal gt;includir r&gt;refil</td><td>ng  ling the trend</td><td>excavation, s</td><td>sand cushion</td><td>ing, prote</td><td></td></br&g<></b </br&g 	tal gt;includir r>refil	ng  ling the trend	excavation, s	sand cushion	ing, prote				
		1	200.000	310			200.000			
	Total	1	200.000	<b>7</b> 11						
							7000 0000			
	10001	_	e-PLATFOR	M FOR THE M	Total Quant	ity in no				
10.04	OD51925/2022-20	)23	e-PLATFOR	M FOR THE M	Total Quant	tity in no	200.000			
10.04		mber addigrade of fotal gricludingt;includingt;but exclu	ollowing size ng  uding sand c	nsulated and  di excavation a ushioning	PVC <br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench</td><td>200.000 ed / XLPE ame trench</td></br&rect>	egt;sheath ad in the sa he trench	200.000 ed / XLPE ame trench			
_	OD51925/2022-20 :Laying of one nur power cable of 1.1 kV g in one tier horizon formation <br&g required,<br&g< td=""><td>mber addigrade of fotal gricludingt;includingt;but exclu</td><td>ollowing size ng  uding sand c</td><td>nsulated and  di excavation a ushioning</td><td>PVC<br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench</td><td>200.000 ed / XLPE ame trench</td></br&rect></td></br&g<></br&g 	mber addigrade of fotal gricludingt;includingt;but exclu	ollowing size ng  uding sand c	nsulated and  di excavation a ushioning	PVC <br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench</td><td>200.000 ed / XLPE ame trench</td></br&rect>	egt;sheath ad in the sa he trench	200.000 ed / XLPE ame trench			
_	OD51925/2022-20 :Laying of one nur power cable of 1.1 kV g in one tier horizon formation <br&g and="" protective<<="" required,<br&g="" td=""><td>mber addigrade of fotal gricludingt;includingt;but exclu</td><td>ollowing size ng  uding sand c</td><td>nsulated and  di excavation a ushioning</td><td>PVC<br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench</td><td>ed / XLPE ame trench etc. as</td></br&rect></td></br&g>	mber addigrade of fotal gricludingt;includingt;but exclu	ollowing size ng  uding sand c	nsulated and  di excavation a ushioning	PVC <br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench</td><td>ed / XLPE ame trench etc. as</td></br&rect>	egt;sheath ad in the sa he trench	ed / XLPE ame trench etc. as			
_	OD51925/2022-20 :Laying of one nur power cable of 1.1 kV g in one tier horizon formation <br&g required,<br&g< td=""><td>mber addigrade of fo tal gt;includir t;but exclubr&gt;cov</td><td>ollowing size ng  uding sand covering.<br< td=""><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br&rect ground="" in="" refilling="" sq.mm="150&lt;/td" to=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect></td></br<></td></br&g<></br&g 	mber addigrade of fo tal gt;includir t;but exclubr>cov	ollowing size ng  uding sand covering. <br< td=""><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br&rect ground="" in="" refilling="" sq.mm="150&lt;/td" to=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect></td></br<>	nsulated and  di excavation a ushioning >Up to 35	PVC <br&rect ground="" in="" refilling="" sq.mm="150&lt;/td" to=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect>	egt;sheath ad in the sa he trench Ometre	200.000 ed / XLPE ame trench etc. as 50.000 50.000			
_	OD51925/2022-20 :Laying of one nur power cable of 1.1 kV g in one tier horizon formation <br&g and="" protective<<="" required,<br&g="" td=""><td>mber addigrade of fo tal gt;includir t;but exclubr&gt;cov</td><td>ollowing size ng  uding sand covering.<br< td=""><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect></td></br<></td></br&g>	mber addigrade of fo tal gt;includir t;but exclubr>cov	ollowing size ng  uding sand covering. <br< td=""><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect></td></br<>	nsulated and  di excavation a ushioning >Up to 35	PVC <br&rect ground<="" in="" td=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect>	egt;sheath ad in the sa he trench Ometre	200.000 ed / XLPE ame trench etc. as 50.000 50.000			
10.04	OD51925/2022-20 :Laying of one nur power cable of 1.1 kV g in one tier horizon formation <br&g and="" protective<<="" required,<br&g="" td=""><td>mber addigrade of fo tal gt;includin t;but exclubr&gt;cov</td><td>ollowing size ng  uding sand covering.<br< td=""><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br&rect ground="" in="" refilling="" sq.mm="150&lt;/td" to=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect></td></br<></td></br&g>	mber addigrade of fo tal gt;includin t;but exclubr>cov	ollowing size ng  uding sand covering. <br< td=""><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br&rect ground="" in="" refilling="" sq.mm="150&lt;/td" to=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect></td></br<>	nsulated and  di excavation a ushioning >Up to 35	PVC <br&rect ground="" in="" refilling="" sq.mm="150&lt;/td" to=""><td>egt;sheath ad in the sa he trench Ometre</td><td>200.000 ed / XLPE ame trench etc. as 50.000 50.000</td></br&rect>	egt;sheath ad in the sa he trench Ometre	200.000 ed / XLPE ame trench etc. as 50.000 50.000			
3	OD51925/2022-20 :Laying of one nur power cable of 1.1 kV g in one tier horizon formation <br&g .="" and="" protective<="" required,<br&g="" td="" total<=""><td>mber addigrade of fortal gt;including t;but excluding t;but excluding t;cov</td><td>bllowing size  ng   uding sand covering.<br 50.000="" f="" following="" in="" pvc="" sing<br="" tional=""/>  uding sand covering s</td><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br& c;direct="" ground="" grour="" in="" nd="" pvc<br&="" quant="" rect="" refilling="" sq.mm="150" td="" to="" to<="" total=""><td>city in no</td><td>200.000 ed / XLPE ame trench etc. as  50.000 50.000 ed / XLPE e same etc. as</td></br&></td></br&g>	mber addigrade of fortal gt;including t;but excluding t;but excluding t;cov	bllowing size  ng uding sand covering. uding sand covering s	nsulated and di excavation a ushioning >Up to 35	PVC <br& c;direct="" ground="" grour="" in="" nd="" pvc<br&="" quant="" rect="" refilling="" sq.mm="150" td="" to="" to<="" total=""><td>city in no</td><td>200.000 ed / XLPE ame trench etc. as  50.000 50.000 ed / XLPE e same etc. as</td></br&>	city in no	200.000 ed / XLPE ame trench etc. as  50.000 50.000 ed / XLPE e same etc. as			
10.04	OD51925/2022-20 :Laying of one nur power cable of 1.1 kV g in one tier horizon formation <br&g .="" 2022-20="" :laying="" and="" cable="" nur="" od51927="" of="" of<br="" one="" power="" protective<="" required,<br&g="" total="">1.1 k' trench in one tier h formation<br&g required,<br&g="" required,<br&g<="" td=""><td>mber addigrade of fortal gt;including t;but excluding t;but excluding t;cov</td><td>bllowing size  ng   uding sand covering.<br 50.000="" f="" following="" in="" pvc="" sing<br="" tional=""/>  uding sand covering s</td><td>nsulated and  di excavation a ushioning &gt;Up to 35</td><td>PVC<br& c;direct="" ground="" grour="" in="" nd="" pvc<br&="" quant="" rect="" refilling="" sq.mm="150" td="" to="" to<="" total=""><td>city in no</td><td>200.000  ed / XLPE ame trench etc. as  50.000 50.000  cd / XLPE e same etc. as</td></br&></td></br&g></br&g>	mber addigrade of fortal gt;including t;but excluding t;but excluding t;cov	bllowing size  ng uding sand covering. uding sand covering s	nsulated and di excavation a ushioning >Up to 35	PVC <br& c;direct="" ground="" grour="" in="" nd="" pvc<br&="" quant="" rect="" refilling="" sq.mm="150" td="" to="" to<="" total=""><td>city in no</td><td>200.000  ed / XLPE ame trench etc. as  50.000 50.000  cd / XLPE e same etc. as</td></br&>	city in no	200.000  ed / XLPE ame trench etc. as  50.000 50.000  cd / XLPE e same etc. as			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Total						50.000			
				1	Total Quant	ity in no	50.000			
	OD51933/2022-20	23								
5	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 r size) foundation including excavation and refilling etc. as required. Above 6.5 meter an 8.0 meter									
		10					10.000			
		10					10.000			
	Total				T ( 10 )	•	10.000			
10.04	OD51977/2022-20				Total Quant	ity in no	10.000			
	foundation <br&pipe require="" required.<br&g<="" td="" the="" to=""><td>d shape co</td><td>omplete as</td><td>and the second</td><td>including&lt;</td><td>;br&gt;be</td><td>10.000</td></br&pipe>	d shape co	omplete as	and the second	including<	;br>be	10.000			
	Total		OF PUBLIC	WORKS			10.000			
				Tot	al Quantity	in metre	10.000			
10.04	OD51978/2022-20	23								
7	Supply and provid terminal with 12 n spike red icluding all access possitive absorberd receiving <br&g box="" cast="" crca<br="" depoxy="" fabri="" joint="" parapetest="" quantity="" required="" resin="" sconductor<br&grun="" through="">s quantity of 32x6m including earth wo back fill</br&g>	eeddled need receiver, supportes as referenced as referenc	ickel coated porting rod a equired with (a), supply and (b), supply and (c) and installation of 16 SWG ply and laying through greation	laying rough  I on of g required ound						
		1					1.000			
	Total	1					1.000			
				1	Total Quant	ity in no	1.000			
10.04	OD51979/2022-20	123								

	Specification	No	Length	Width	Depth	Cf	Quantity
	Supply and fitting required	1200mm s	sweep ceiling	g fan <br&< td=""><td>gt;with all ac</td><td>cessories</td><td>as</td></br&<>	gt;with all ac	cessories	as
	(D) 4 1	20					20.000
	Total				T ( 10		20.000
10.04	OD 51000 /2022 20			<u>.</u>	<u> Fotal Quanti</u>	ty in no	20.000
10.04	OD51980/2022-20		:4111 0 14	.10		: 1/II-	1-4)
	Supply and fitting	exhaust fa	n with all&li	;br>acce	ssories as req	uired(Hea	avy duty)
		10					10.000
	Total	10					10.000
	Total			r	Total Quanti	ty in no	10.000
10.05	OD51091/2022 20	122			Total Qualiti	ty III IIO	10.000
0	OD51981/2022-20		Tubo fittin	ra leltibe le at	with all aggre	anorion on	raquirad
	Supply and fitting	20 W LEL	7 Tube mung	gs⁢br>	;with all acces	ssories as	required
		76	1000				76.000
	Total	70		716			<b>76.000</b>
	Total	M	_	<u> </u>	Total Quanti	ty in no	76.000
10.05	OD51982/2022-20	123	e-PLATFORM	A FOR THE M	ANAGEMENT	ty III IIO	70.000
1	Supply and laying		n alluminiun	u UG<·br&	vot cable incl		
	trench and back fill	•			egt,edole mei	uding exc	eavation of
	trench and	•		To Gam, ore	egt,cubic mer	uding exc	eavation of
	trench and	•	100.000			uding exc	100.000
	trench and	ing pit				uding exc	100.000
	trench and back fill	ing pit			al Quantity in		100.000 <b>100.00</b> 0
10.05	trench and back fill	ing pit					100.000
10.05	trench and back fill: . Total	ing pit  1  223 3.5x35sq.1 t Supply a	100.000 mm PVC Al nd laying 3.5	Tota UG cable in	al Quantity in a cluding excar	n metre	100.000 100.000 100.000
	trench and back fill: .  Total  OD51984/2022-20  Supply and laying back filling pi	ing pit  1  223 3.5x35sq.1 t Supply a	100.000 mm PVC Al nd laying 3.5	Tota UG cable in	al Quantity in a cluding excar	n metre	100.000 100.000 100.000
	trench and back fill: .  Total  OD51984/2022-20  Supply and laying back filling pi	ing pit  1  223 3.5x35sq.1 t Supply a	100.000 mm PVC Al nd laying 3.5	Tota UG cable in	al Quantity in a cluding excar	n metre	100.000 100.000 100.000 trench and
	trench and back fill: .  Total  OD51984/2022-20  Supply and laying back filling pi	ing pit  1  223  3.5x35sq.1  t Supply a on of trence	mm PVC Al and laying 3.5th and back&	Tota UG cable in	al Quantity in a cluding excar	n metre	100.000  100.000  100.000  trench and
	trench and back fill: .  Total  OD51984/2022-20 Supply and laying back filling pi including excavation.	ing pit  1  223  3.5x35sq.1  t Supply a on of trence	mm PVC Al and laying 3.5th and back&	Tota UG cable in 5x35sq.mm	al Quantity in a cluding excar	n metre vation of	100.000 100.000 100.000 trench and cable

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Supply conveyanc street/Yard light out put greater tha make cree/Lumille with pov to 8 kv and allumi cast pow power factor great R0HS compartment shou for main party lab produced manufacturer)	n105 lum ed/Nichea werfactor nium prea yder coate er than 0. ompliant o ild be sepa tanance(I	en/watts 400 greater than asure die and housing ac 98 duly wired up arately access M 79&	0-6000K wit 0.95 at full loryliccover confor use on 2 sible	h IP66 prote oad ,internal omplete with 230v AC sup	ction with surge prot THD less ply.Drive	LED chip tection up than 10%
		20					20.000
	Total			2-8			20.000
					Total Quant	ity in no	20.000
	OD51989/2022-20	)23	14-13	<b>9</b> 444			
4	Supply and laying and back filling pit	4x16sq.n	P	₹10	including ex	cavation	
		1	40.000	WORKS			40.000
	Total						40.000
				Tot	al Quantity	in metre	40.000
10.05	Supply and provid Electrical <br&g rubber gloves=2 p fire bucket=3NosF 5kg fire estingushe</br&g 	ing the fogt;Inspectoair <br&first aid="" b<="" td=""><td>orate and rele &gt;11kv&lt; ox=2Nos.&lt;</td><td>evant standar br&gt;dange</td><td>ds.11kv rubl r board=10N</td><td>oer mat=8 los 9lttre d</td><td>capacity</td></br&first>	orate and rele >11kv< ox=2Nos.<	evant standar br>dange	ds.11kv rubl r board=10N	oer mat=8 los 9lttre d	capacity
		1					1.000
	Total	1					1.000 <b>1.000</b>
	Total				F. ( . 1 O 4	•4	
4.4	D 11 1		1 .	<u>.</u>	<b>Fotal Quant</b>	ny in set	1.000
	Providing and sett		boratory				
11.00	OD51992/2022-20	)23					

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
	Provision for setting equipments, furnity meter, Turbidity miglass wares (Boros Nos, Standard Flas 1000ml, Ammonia both ends, Ordinar with locker-1 No a	are etc suce eter (of apil) such as k 250 ml- -500ml, Ary Chairs(	ch as Refrige pproved man s Conical Flate 5 Nos, Standarmed Chair Thermoplast	rator 200 Ltr ufacturer wit ask 250 ml-5 lard Flask 50 -6 Nos,2 nos ic)-4 Nos of	s,Jar test app h relevant IS Nos, Standa 0 ml, RC test Office table	aratus, PI standards rd Flask 1 t kit ,ET s with drav	H s), class B 00 ml-5 olution vers on				
	. 1 1.0										
	Total	1					1.000 <b>1.000</b>				
	1000			Т	otal Ouanti	tv in L.S	1.000				
12	Operation and Maintanance charges										
	OD52007/2022-2023										
1	Operation and mai	ntenance	of WTP duri	ing guarantee	period						
			- 68								
		12	30.000				360.000				
	Total						360.000				
				To	otal Quantit	y in Day	360.000				
12.00	OD52009/2022-20	)23	e-PLATFOR	M FOR THE M	ANASEMENT						
	Supply and delive	ry of Alur	n (or as per o	condition)							
	for 12 months	12	30.000			0.0500	18.000				
	Total						18.000				
				Т	otal Quantit	y in MT	18.000				
	OD52025/2022-2023										
3	Supply and delivery of Hydrated lime as per specification at dosage(or as per condition)										
	for 12 months	12	30.000			0.0380	13.680				
	Total						13.680				
				Т	otal Quantit	y in MT	13.680				
13	Water supply and	Sanitary A	Arrangement	S							
13.00	50.18.7.2.1										
1	Providing and fiximetre spacing. This solvent cement and 20 mm dia 12Kgf/	is include: d testing o	s jointing of joints com	pipes & plete as per c	fittings with lirection of E	one step	PVC				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
		1	50.000				50.000
	Total						50.000
				Tot	al Quantity	in metre	50.000
13.00	50.18.7.4.1						
	Providing and fixing spacing. This in cement and testing dia 10Kgf/cm2- In	cludes joi g of joints	nting of pipe complete as	s & fitt per direction	ings with on	e step PV	C solvent
		1	50.000				50.000
	Total	1	50.000				50.000
	10001			Tot	al Quantity	in metre	50.000
13.00	50.18.7.5.1			100	ui Quaitity	III IIIeti e	20.000
	Providing and fixing 1.00m spacing. The solvent cement and 40 mm dia 10 Kgf	is included testing of	es jointing of of joints com	pipes & amp plete as per c	; fittings with lirection of E	h one step	PVC
	Total	1	20.000				
							20 000
	Total		OF PUBLIC	WORKS Tot	al Ouantity	in metre	20.000
13.00	50.18.8.2.1		OF PUBLIC	Tot	al Quantity	in metre	20.000
13.00		cludes joi g of joints	nting of pipe complete as	including fix s & fitt per direction	king the pipe ings with one	with clane step PVO	20.000  nps at 1.00 C solvent ge.
	50.18.8.2.1 Providing and fixim spacing. This in cement and testing Concealed work,ir	cludes joi g of joints	nting of pipe complete as	including fix s & fitt per direction	king the pipe ings with one	with clane step PVO	20.000  nps at 1.00 C solvent ge.
	50.18.8.2.1 Providing and fixim spacing. This in cement and testing Concealed work,ir	cludes joints g of joints neluding c	enting of pipe complete as cutting chased	including fix s & fitt per direction	king the pipe ings with one of Engineer	with clane step PVO	nps at 1.00 C solvent ge. mm pipe
	50.18.8.2.1  Providing and fixing spacing. This in cement and testing Concealed work,in 12 Kgf/cm2	cludes joints g of joints neluding c	enting of pipe complete as cutting chased	including fix s & fitt per direction l and making	king the pipe ings with one of Engineer	with clan e step PVo -in-Charg all etc. 20	nps at 1.00 C solvent se. mm pipe
4	50.18.8.2.1  Providing and fixing spacing. This in cement and testing Concealed work,in 12 Kgf/cm2	cludes joints g of joints neluding c	enting of pipe complete as cutting chased	including fix s & fitt per direction l and making	xing the pipe ings with one of Engineer g good the w	with clan e step PVo -in-Charg all etc. 20	20.000  nps at 1.00 C solvent ie. mm pipe  50.000  50.000
4	50.18.8.2.1 Providing and fixing spacing. This in cement and testing Concealed work,in 12 Kgf/cm2 . Total	eludes joints of joints of joints of joints of joints	50.000  ipes, fittings ing of pipes & complete as	including fix s & amp; fitt per direction l and making  Tot including fix amp; fitting per direction	xing the pipe ings with one of Engineer good the war al Quantity al Quantity wing the pipe gs with one so of Engineer	in metre with clan e step PV0 -in-Charg all etc. 20 in metre with clan tep PVC s -in-Charg	20.000  nps at 1.00 C solvent ge. mm pipe  50.000  50.000  50.000  nps at 1.00 solvent ge.
13.00	50.18.8.2.1  Providing and fixing spacing. This in cement and testing Concealed work,in 12 Kgf/cm2  Total  50.18.8.1.2  Providing and fixing spacing. This includement and testing Concealed work, in Concealed work, in Concealed work, in the spacing concealed work, in the space concealed work, in the	eludes joints of joints of joints of joints of joints	50.000  ipes, fittings ing of pipes & complete as	including fix s & amp; fitt per direction l and making  Tot including fix amp; fitting per direction	xing the pipe ings with one of Engineer good the war al Quantity al Quantity wing the pipe gs with one so of Engineer	in metre with clan e step PV0 -in-Charg all etc. 20 in metre with clan tep PVC s -in-Charg	20.000  nps at 1.00 C solvent ge. mm pipe  50.000  50.000  50.000  nps at 1.00 solvent ge.
13.00	50.18.8.2.1 Providing and fixim spacing. This in cement and testing Concealed work,in 12 Kgf/cm2 .  Total  50.18.8.1.2 Providing and fixing spacing. This includement and testing Concealed work, in 10kgf/cm2	eludes joints of joints of joints of joints of joints	50.000  ipes, fittings ing of pipes & complete as	including fix s & amp; fitt per direction l and making  Tot including fix amp; fitting per direction	xing the pipe ings with one of Engineer good the war al Quantity al Quantity wing the pipe gs with one so of Engineer	in metre with clan e step PV0 -in-Charg all etc. 20 in metre with clan tep PVC s -in-Charg	20.000  nps at 1.00 C solvent ge. mm pipe  50.000  50.000  50.000  nps at 1.00 solvent ge.

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
				Tot	al Quantity	in metre	15.000				
13.00	18.57.1										
6	Providing and fixing nominal bore, 98 r					olour.15 n	nm				
		Г		Т		г					
		2					2.000				
	Total						2.000				
				To	tal Quantity	y in each	2.000				
13.00	50.17.1.1										
	Supplying and fixicharges etc comple						nd labour				
		2					2.000				
	Total		-6.)	200			2.000				
			1478	OALL .	Total Quant	ity in no	2.000				
13.00	50.17.1.5		4340		10tal Qualit	orty III IIO	2,000				
	l 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 - 1 -	1111111111		1 4	41 11 1	· · · · · ·				
	including cost of n Engineer-in-charge	e.	nd labour ch	M FOR THE M	nplete as per	the direct					
	Engineer-in-charge		e-PLATFOR	M FOR THE M	mplete as per	the direct	1.000				
		e.	e-PLATFOR	M FOR THE M WORKS	IANAGEMENT		1.000 <b>1.00</b> 0				
13.00	Engineer-in-charge	e.	e-PLATFOR	M FOR THE M WORKS	mplete as per  Total Quant		1.000 1.000 1.000				
13.00	Engineer-in-charge . Total	e.  1  ng wash b ste of stan g good the	pasin with C.	I. brackets, 1, including pa	Total Quant 5 mm C.P. b ainting of fitt Stainless Stee	rass pillar	1.000 1.000 1.000 taps, 32 prackets,				
	Total  17.7.11  Providing and fixinm C.P. brass was cutting and making	ng wash b ste of stan g good the 345 mm v	pasin with C.	I. brackets, 1, including pa	Total Quant 5 mm C.P. b ainting of fitt Stainless Stee	rass pillar	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000				
	Total  17.7.11  Providing and fixing mm C.P. brass was cutting and making Wash basin 530 x	e.  1  ng wash b ste of stan g good the	pasin with C.	I. brackets, 1, including pa	Total Quant 5 mm C.P. b ainting of fitt Stainless Stee	rass pillar	1.000 1.000 1.000 1.000 1.000 1.000				
	Total  17.7.11  Providing and fixinm C.P. brass was cutting and making	ng wash b ste of stan g good the 345 mm v	pasin with C.	I. brackets, 1, including paever require: 5mm C.P. br	Total Quant 5 mm C.P. b ainting of fitt Stainless Stee ass pillar tap	rass pillar ings and tel AISI - 3	1.000 1.000 1.000 taps, 32 brackets, 304 (18/8) 1.000 1.000				
9	Total  17.7.11  Providing and fiximm C.P. brass was cutting and making Wash basin 530 x  Total	ng wash b ste of stan g good the 345 mm v	pasin with C.	I. brackets, 1, including paever require: 5mm C.P. br	Total Quant 5 mm C.P. b ainting of fitt Stainless Stee	rass pillar ings and tel AISI - 3	1.000 1.000 1.000 taps, 32 brackets, 304 (18/8) 1.000 1.000				
9	Total  17.7.11  Providing and fixing mm C.P. brass was cutting and making Wash basin 530 x	ng wash be ste of standing good the 345 mm var and lid, anually cold fixtures	vitreous chin 10 litre low ontrolled dev complete, in	I. brackets, 1, including paever require: 5mm C.P. br  To a pedestal ty level white I ice (handle lectuding cutti	5 mm C.P. bainting of fitt Stainless Stee ass pillar tap otal Quantity pe water close P.V.C. flushing ever), conforng and making the control of the control	rass pillar ings and bel AISI - 3 y in each	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000				
9 13.01	Total  17.7.11  Providing and fixing mm C.P. brass was cutting and making Wash basin 530 x  .  Total  17.2.1  Providing and fixing W.C. pan) with seaflush pipe, with making with all fittings and making with all fittings and seaflush pipe.	ng wash be ste of standing good the 345 mm var and lid, anually cold fixtures	vitreous chin 10 litre low ontrolled dev complete, in	I. brackets, 1, including paever require: 5mm C.P. br  To a pedestal ty level white I ice (handle lectuding cutti	5 mm C.P. bainting of fitt Stainless Stee ass pillar tap otal Quantity pe water close P.V.C. flushing ever), conforng and making the control of the control	rass pillar ings and bel AISI - 3 y in each	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000				

ſ	_	No	Length	Width	Depth	Cf	Quantity
	Total						1.000
				To	tal Quantity	y in each	1.000
13.01	OD79304/2022-20	)23					
	Supply, installation interconnection wi						
	septic tank				•		•
	septic tank	1					1.000
	Total						1.000
				1	Total Quant	ity in no	1.000
13.01	17.7.7						
	Providing and fixing mm C.P. brass was cutting and making wash basin size 45	ste of stang good the	dard pattern, walls where	, including parties;	ainting of fitt White Vitreo	ings and bus China	orackets,
	wash basin toilet	1	- ax				
	wash basin toilet	1					1.000
	Total						1.000
		_		To	tal Quantity	y in each	1.000
	Providing and fixing waste fittings composed pipe Semi rigid pipe 32.	plete. mm dia	waste pipe i	or sink or wa	asii basiii iiic		
	T. 4 . 1	2					2.000
	Total				. 10		2.000
				To	tal Quantity	in each	2.000
4	17.28.1.2 Providing and fixing waste fittings complement rigid pipe40	plete.	waste pipe f	or sink or w	ash basin inc	luding PV	C.
	•	2					2.000
	Total						2.000
	20111			To	tal Quantity	y in each	2.000
13.01	17.28.2.1			10	var Quantity	in cucii	2.000
l 5	Flexible pipe32 mi	m dia					
		ii did					
		2					2.000
	Total			<u> </u>			2.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
				To	tal Quantity	y in each	2.000			
13.01	17.35.1.2									
6	Providing and fixing soil, waste and vent pipes: 100 mm diaCentrifugally cast (spun) iron socket & pigot (S & pipe as per IS: 3989									
					<u> </u>					
		1	8.000				8.000			
	Total						8.000			
				Tot	al Quantity	in metre	8.000			
13.01 7	17.60.1.1									
	Providing and fixing grating without vewalls and floors: 100 mm inlet and	nt arm co	mplete, inclu	ding cost of	cutting and r	naking go				
		2	64-134	241			2.000			
	Total		Sept.	SS CONTRACTOR OF THE PARTY OF T			2.000			
				To	tal Quantity	y in each	2.000			
8	Constructing maso 1:4 (1 cement:4 co diameter, 160 mm RCC top slab 1:2:4 nominal size), i/c r sand: 10 graded sto cement mortar 1:3 coat of neat cemen (non modular) brio	barse sand bottom d 4 mix (1 onecessary one aggre (1 cement of complete	) for sluice value in the sluice value in the sluice value in the sluin in the slui	alve, with C. 180 mm deep varse sand: 4 foundation comminal size sand) 12 mm dard design:	I. surface bo o (inside) with graded ston oncrete 1:5:1 ) and inside pathick, finish	x 100 mm h chained e aggregat 0 (1 ceme plastering ed with a	top lid and te 20 mm ent: 5 fine with floating			
					<u> </u>					
		1					1.000			
	Total						1.000			
				To	tal Quantity	y in each	1.000			
13.01 9	Constructing maso 1:4 (1 cement : 4 c diameter, 160 mm RCC top slab 1:2:4 nominal size), i/c r sand: 10 graded sto cement mortar 1:3 (1 cement : 3 coars complete as per sta of class designatio	bottom d 4 mix (1 c necessary one aggre se sand) 1 andard de	d) for sluice iameter and leement: 2 coexcavation, 1 gate 40 mm i	valve, with 0 180 mm deep arse sand: 4 foundation comminal size finished with	C.I. surface be (inside) with graded stone oncrete 1:5:1) and inside part a floating control of the control of	ox 100 mind chained aggregate 0 (1 ceme chastering oat of nea	m top lid and 20 mm ent: 5 fine with t cement			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity		
	scour valve chamb	er							
	for clarifier scour	1					1.000		
	Total						1.000		
				To	otal Quantity	y in each	1.000		
13.02	OD52106/2022-2023								
0	Supplying, covey ,fitting , and fixing of 200 mm Stainless Steel shower set vaccessories connecting Brass threaded reducer,Brass threaded tee threaded elbow etc of approved make with all necessary accessories,including cutting pipes, fitting, fixing complete in all respect including cost of all necessary fittings as required,jointing materials in any position connecting the angle valve ,taps ,Shower, etc as per the direction of Departmental officers. (No separate pay be made for accessories, specials.								
		1	-63				1.000		
	Total		(A-13)	<b>9</b> 414			1.000		
			soll.	No.	Total Quant	ity in no	1.000		
13.02	OD52111/2022-20	)23		3-16					
1	Supplying, covey , connection <br& departmental="" n="" office.<="" required,jointing="" th=""><th>gt;(heavy naterials i</th><th>quality) inc n any positic</th><th>luding cost on as per the</th><th>of all necessa direction&lt;</th><th>ry fittings br&gt;of</th><th>as</th></br&>	gt;(heavy naterials i	quality) inc n any positic	luding cost on as per the	of all necessa direction<	ry fittings br>of	as		
		1					1.000		
	Total						1.000		
				'	Total Quant	ity in no	1.000		
13.02	OD52113/2022-2023 :Supplying, covey ,and fixing 32 mm G.M. ball valve with polythene float for 32 mm connection(heavy quality including cost of all necessary fittings as required,jointing materials in any position as per the direction of Departmental officers. No separate payment will be made for accessories, specials.								
					Γ	<del>                                     </del>			
		1					1.000		
	Total						1.000		
					Total Quant	ity in no	1.000		
13.02	OD52114/2022-20	)23							

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Supplying, covey mm connection <br& accessories,="" as="" be="" for="" made="" per="" position="" r="" required,jointing="" specia<="" td="" the="" will=""><td>&gt;(heavy naterials i</td><td>quality) inc n any</td><td>luding cost o</td><td>of all necessary</td><td>y fittings</td><td>as</td></br&>	>(heavy naterials i	quality) inc n any	luding cost o	of all necessary	y fittings	as			
		1					1.000			
	Total						1.000			
				,	Total Quanti	ty in no	1.000			
13.02 4	OD52117/2022-20	023								
	materials in any poseparate payment made for accessor	will be	(d)J,Q.	r the directio	п от Берагин					
	Total	1					1.000 <b>1.000</b>			
	Total		e-PLATFOR OF PUBLIC	WORKS	Total Quanti	ty in no	1.000			
13.02	OD52104/2022-20	022			Total Qualiti	ty III IIO	1.000			
5	Supplying, covey accessories <br&threaded all<br="" elbow="" etc="" with=""> complete in all resall necessary<b acces<="" angetc="" as="" be="" connecting="" for="" made="" per="" td="" the="" the<b=""><td>&gt;conne c of appro necessary spect inclu or&gt;fittingle valve, or&gt;direct</td><td>cting Brass t ved make accessories, ding cost of ags as require taps ,Shower ction of Depart</td><td>hreaded redu including cut ed,jointing m r,</td><td>cer,Brass thre tting pipes, fit aterials in any</td><td>eaded tee ting, fixi position</td><td>,Brass ng etc.</td></b></br&threaded>	>conne c of appro necessary spect inclu or>fittingle valve, or>direct	cting Brass t ved make accessories, ding cost of ags as require taps ,Shower ction of Depart	hreaded redu including cut ed,jointing m r,	cer,Brass thre tting pipes, fit aterials in any	eaded tee ting, fixi position	,Brass ng etc.			
		2					2.000			
	Total						2.000			
				,	Total Quanti	ty in no	2.000			
13.02	Supplying, covey connection of approrespect including of fittings 	fitting an oved make cost of all	(As per AS' necessary	ГМ D 2467,	Schedule 80).	complet	e in all			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
					1		
		5					5.000
	Total						5.000
				<u> </u>	Total Quant	ity in no	5.000
	Sump cum Pump l	House					
14.00	2.9.3						
	Excavation work to foundation trenched including dressing out the excavated of 50 m.Hard rock	es or draing of sides a soil and d (blasting	ns (not exceed and ramming isposal of sur prohibited)	ding 1.5 m in of bottoms,	width or 10 lift up to 1.5	sqm on p m, includ	lan), ling getting
	excavati	on for foo					
	columns	16	1.400	1.400	1.200		37.632
	columns	4	1.400	1.400	3.300		25.872
	Total						63.504
			11176	To	otal Quantity	y in cum	63.504
14.00	2.6.1 Earth work in exca	ling 30 cm	n in depth, 1.	5 m in width	as well as 10	sqm on	plan)
	Earth work in exca	ling 30 cm of excava	n in depth, 1. ated earth, lea	<mark>5 m</mark> in width ad up to 50 m	as well as 10 and lift up t	sqm on	plan)
	Earth work in exca over areas (exceed including disposal earth to be levelled	ling 30 cm of excava	n in depth, 1. ated earth, lea	<mark>5 m</mark> in width ad up to 50 m	as well as 10 and lift up t	sqm on	plan) disposed
	Earth work in exca over areas (exceed including disposal	ling 30 cm of excava d and neat	n in depth, 1. ated earth, leatly dressed.A	5 m in width ad up to 50 m ll kinds of so	as well as 10 n and lift up t il	sqm on	plan) disposed 48.000
	Earth work in exca over areas (exceed including disposal earth to be levelled	ling 30 cm of excava d and neat	n in depth, 1. ated earth, leady dressed.A	5 m in width ad up to 50 m ll kinds of so	as well as 10 n and lift up to il	sqm on	plan) disposed 48.000 51.408
	Earth work in exca over areas (exceed including disposal earth to be levelled	ling 30 cm of excava d and neat	n in depth, 1. ated earth, leatly dressed.A 15.000 15.300	5 m in width ad up to 50 m ll kinds of so 4.000 4.200	as well as 10 and lift up to sil 0.800 0.800	sqm on	plan) disposed  48.000 51.408 9.913
	Earth work in excaption over areas (exceeds including disposal earth to be levelled a sump - E/W	ling 30 cm of excava d and neat	n in depth, 1. ated earth, leatly dressed.A 15.000 15.300	5 m in width ad up to 50 m ll kinds of so 4.000 4.200 2.600	as well as 10 and lift up to sil 0.800 0.800	o sqm on j	48.000 51.408 9.913
14.00	Earth work in excaption over areas (exceeds including disposal earth to be levelled a sump - E/W	ling 30 cm of excava d and neat	n in depth, 1. ated earth, leatly dressed.A 15.000 15.300	5 m in width ad up to 50 m ll kinds of so 4.000 4.200 2.600	as well as 10 n and lift up to il 0.800 0.800 0.250	o sqm on j	48.000 51.408 9.913
2	Earth work in exca over areas (exceed including disposal earth to be levelled sump - E/W	avation by of excava	n in depth, 1. ated earth, leated earth, leated earth, leated y dressed. A 15.000 15.300 15.250 y mechanical in in depth, 1. ated earth, leated earth, leate	5 m in width ad up to 50 m ll kinds of so 4.000 4.200 2.600  To means (Hydrad up to 50 m in width ad up to 50 m	as well as 10 and lift up to 1	y in cum  ator )/ man by sqm on y  ator 1.5 m, o	48.000 51.408 9.913 109.321 nual means plan)
14.00	Earth work in excaptover areas (exceeding disposal earth to be levelled as sump - E/W  Total  2.7.3  Earth work in excaptover areas (exceeding disposal earth to be levelled as a concluding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal	avation by ding 30 cm of excavad and neat	15.000 15.300 15.250 7 mechanical in depth, 1. ated earth, leath depth, 1. ated earth, leath dressed.H	5 m in width ad up to 50 m ll kinds of so 4.000 4.200 2.600  To means (Hydrough of the solution of the solutio	as well as 10 and lift up to 1	y in cum  ator )/ man by sqm on y  ator 1.5 m, o	48.000 51.408 9.913 109.321 109.321 nual means plan) disposed
14.00	Earth work in excaption over areas (exceed including disposal earth to be levelled as sump - E/W  Total  2.7.3  Earth work in excaption over areas (exceed including disposal	ling 30 cm of excava d and neat  1 1 1 avation by ling 30 cm of excava d and neat	n in depth, 1. ated earth, leated earth, leated earth, leated y dressed. A 15.000 15.300 15.250 The mechanical in depth, 1. ated earth, leated	5 m in width ad up to 50 m ll kinds of so 4.000 4.200 2.600  To means (Hydrodus of the sound of	0.800 0.800 0.250  Otal Quantity  raulic excava as well as 10 and lift up to sting prohibi	y in cum  ator )/ man by sqm on y  ator 1.5 m, o	48.000 51.408 9.913 109.321 109.321 nual means plan) disposed
14.00	Earth work in excaptover areas (exceedingluding disposal earth to be levelled a sump - E/W  Total  2.7.3  Earth work in excaptover areas (exceedingluding disposal earth to be levelled a sump - E/W  SUMP - E/W	avation by ding 30 cm of excavad and neat	15.000 15.300 15.250 7 mechanical in depth, 1. ated earth, leath depth, 1. ated earth, leath dressed.H	5 m in width ad up to 50 m ll kinds of so 4.000 4.200 2.600  To means (Hydrough of the solution of the solutio	as well as 10 and lift up to 1	y in cum  ator )/ man by sqm on y  ator 1.5 m, o	48.000 51.408 9.913 109.321 109.321 nual means plan) disposed  83.296 88.036
14.00	Earth work in excaptover areas (exceeding disposal earth to be levelled as sump - E/W  Total  2.7.3  Earth work in excaptover areas (exceeding disposal earth to be levelled as a concluding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal earth to be levelled as a concentration of the exceeding disposal	ling 30 cm of excava d and neat  1 1 1 avation by ling 30 cm of excava d and neat	n in depth, 1. ated earth, leated earth, leated earth, leated y dressed. A 15.000 15.300 15.250 The mechanical in depth, 1. ated earth, leated	5 m in width ad up to 50 m ll kinds of so 4.000 4.200 2.600  To means (Hydrough and up to 50 m ard rock (bla 4.000 4.200	0.800 0.800 0.250  Otal Quantity  raulic excava as well as 10 and lift up to sting prohibi	y in cum  ator )/ man by sqm on y to 1.5 m, on to 1.5 m,	48.000 51.408 9.913 109.321 nual means plan)

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity								
	DOWEL BARS - long (1m in rock a of 1m in rock and	nd 1 m in	concrete) inc	cluding drilli	ng holes of 2	20mm dia	to a depth								
		80	1.000				80.000								
	Total						80.000								
				ŗ	<b>Fotal Quant</b>	ity in no	80.000								
14.00	4.1.2														
5	Providing and layi of centering and sl sand : 3 graded sto	nuttering -	All work up	to plinth lev											
	footing														
	leveling course	20	1.200	1.200	0.300		8.640								
	sump base	1	12.700	15.700	0.150		29.909								
	Total		- E				38.549								
			44133	To	tal Quantity	y in cum	38.549								
14.00	5.33.1			Target .											
	concrete, improve direction of Engine	workabili eer - in-ch ess or less	ty without in arge. Note:- cement used	npairing strea Cement cont	ngth and dura tent consider	ability as ed in this	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 content considered in this item is @ 330 kg/cum. Excess or less cement used as per design mix is payable or recoverable								
	rcc														
	footing step 1	20	1.000	1.000	0.300										
	footing step 2	20	1.120		0.400/3		6.000								
					0.400/3		6.000 2.987								
	column up to floor level	20	0.300	0.300	0.400/3										
		20	0.300	0.300			2.987								
	floor level	20	0.300			y in cum	2.987 1.350								
14.00	floor level	20	0.300		0.750	y in cum	2.987 1.350 <b>10.337</b>								

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	rcc	•	•	•			
	sump column	20	0.300	0.300	2.750		4.950
	sump bottom floor	1	12.700	15.700	0.300		59.817
	sump roof slab	1	12.900	15.900	0.150		30.767
	sump rcc wall	6	3.700	0.300	2.750		18.315
		2	3.930	0.300	2.750		6.485
		2	4.160	0.300	2.750		6.864
	_	2	2.640	0.300	2.750		4.356
	pump house columns	20	0.300	0.300	2.650		4.770
	pump house rcc lintel	2	12.700	0.220	0.150		0.838
		2	15.260	0.220	0.150		1.007
	pumb house sun shade	2	13.900	0.600	0.150/2		1.251
		2	16.900	0.600	0.150/2		1.521
	pump house top beam	5	12.700	0.300	0.250		4.763
		4	14.200	0.300	0.250		4.260
	pumb house roof slab	1	12.900	15.900	0.200		41.022
	sump rcc steps	19	1.500	0.300	0.150/2		0.641
	pump house rcc steps	19	1.500	0.300	0.150/2		0.641
	pump house rcc step slabs	1	3.800	4.200	0.150		2.394
	panel room columns	20	0.300	0.300	2.650		4.770
	panel room rcc lintel	2	12.700	0.220	0.150		0.838
		2	15.260	0.220	0.150		1.007
	panel roomsun shade	2	13.900	0.600	0.150/2		1.251
		2	16.900	0.600	0.150/2		1.521
	panel room top beam	5	12.700	0.300	0.250		4.763
		4	15.700	0.300	0.250		4.710
	panel room roof slab	1	12.900	15.900	0.100		20.511
	sump step column	1	0.300	0.300	1.500		0.135

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						234.168
				To	otal Quantit	y in cum	234.168
	5.34.1						
8	Extra for providing specified cement c grade concrete ins in M-30 is @ 340	ontent use tead of M	ed is payable	/ recoverable	e separately.I	Providing	M-30
	item no. 6& 7	1	244.505				244.505
	Total						244.505
				To	otal Quantity	y in cum	244.505
9	Centering and shut footings, bases of				removal of f	orm for:F	oundations,
	levelling course(.3*.3)	20	4.800	2011	0.300		28.800
	columns footing (.3*.3)	20	3.600		0.200		14.400
	columns footing (.3*.3)	20	1.200	M FOR THE M	anas 0.750		18.000
	Total						61.200
				To	otal Quantit	y in sqm	61.200
14.01	5.9.2						
0	Centering and shut thickness) includir	ttering inc ng attache	luding strutt d pilasters, b	ing, etc. and utteresses, pl	removal of f linth and stri	orm for: Wing courses	Valls (any s etc.
	shuttering						
	sump wall	4	11.500		2.750		126.500
		4	14.200		2.750		156.200
	Total				. 10	•	282.700
4 4 0 4				Te	otal Quantit	y in sqm	282.700
14.01	5.9.3 Centering and shur floors, roofs, landi					form for:S	uspended
	centering and sh	uttering					
	sump roof slab	1	12.900	15.900			205.110
	sump roof slab deduction	-1	1.500	1.500			-2.250
	pump house roof slab	1	12.900	15.900			205.110

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	pump house roof slab deduction	-1	1.500	1.500			-2.250
	panel room roof slab	1	12.900	15.900			205.110
	Total						610.830
				To	otal Quantit	y in sqm	610.830
	5.9.5						
2	Centering and shut beams, plinth beam					orm for:L	intels,
	centering and shu	ittering					
	sump top beam	9	11.450		0.300		30.915
		9	14.200		0.300		38.340
	panel room top beam	10	12.700		0.300		38.100
		8	14.200		0.300		34.080
	panel room top beam	10	12.700		0.300		38.100
		8	14.200		0.300		34.080
	Total	100					213.615
			e-PLATFOR	To	otal Quantit	y in sqm	213.615
	5.9.6		OF PUBLIC Y	WORKS			
3	Centering and shut Pillars, Piers, Abut				removal of f	orm for:C	columns,
	centering and shu	ttering				1	
	sump columns(.3*.3)	20	1.200		2.750		66.000
	pump house columns(.3*.3)	20	1.200		2.650		63.600
	panel room columns(.3*.3)	20	1.200		2.650		63.600
	Total						193.200
				To	otal Quantit	y in sqm	193.200
14.01	5.9.19						
4	Centering and shurshade, Chajjas, con				removal of f	orm for:W	Veather
	centering and shu	ittering					
	pumb house sunshed	2	13.900	0.600			16.680
		2	13.900		0.150		4.170
		2	16.900	0.600			20.280
	I	2	16.900		0.150		5.070

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	panel room sunshed	2	13.900	0.600			16.680			
	panel room sunshed	2	13.900		0.150		4.170			
	panel room sunshed	2	16.900	0.600			20.280			
	panel room sunshed	2	16.900		0.150		5.070			
	Total						92.400			
				To	otal Quantit	y in sqm	92.400			
14.01	5.9.7					-				
5	Centering and shu (excluding landing				removal of f	orm for:S	tairs,			
	centering and shu									
	sump rcc steps	19	1.500	0.300			8.550			
	sump rcc step slab	1	3.800	4.200			15.960			
	pump house rcc steps	19	1.500	0.300			8.550			
	pump house rcc step slabs	1	3.800	4.200			15.960			
	Total		OF PUBLIC	WORKS	N-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		49.020			
				To	otal Quantit	y in sqm	49.020			
	5.22.6									
6	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more									
	steel									
	100kg/m3	1	339.206			100.00 0000	33920.60 0			
	Total						33920.60 0			
				Total Q	Quantity in k	xilogram	33920.60			
14.01	50.6.1.2									
7	Solid block mason or nearest availabl floor two level this complete.	e size con	firming to IS	2185 part I	of 1979 for s	super struc	cture up to			
	brick masonary									
	pumb house wall	2	11.440	0.220	2.750		13.842			
		2	14.440	0.220	2.750		17.472			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	panel room brick wall	2	11.200	0.220	2.750		13.552
		2	14.200	0.220	2.750		17.182
	rolling shutter	-1	1.500	0.220	2.900		-0.957
	ventilation	-13	0.600	0.220	0.450		-0.772
	rolling shutter	-1	1.500	0.220	2.900		-0.957
	window	-13	1.000	0.220	1.500		-4.290
	lintel	-1	56.560	0.220	0.150		-1.866
	Total						53.206
				To	tal Quantity in	cum	53.206
14.01	13.1.1						
8	12 mm cement pla	ster of mi	x:1:4 ( 1 cem	ent: 4 fine s	and)		
	PLASTERI		/1	107	1		
	sump rcc wall	4	12.700		2.750		139.700
	sump rcc wall	4	15.700	ZOLA!	2.750		172.700
	sump top colums	6	0.300*4	The state of the s	2.750		19.800
	pumb house wall	4	12.700	3.000			152.400
		4	15.700	3.000			188.400
	top beam	4	12.700	0.300	ANAGEMENT		15.240
		9	12.700	0.300			34.290
		4	13.900	0.300			16.680
		6	13.900	0.300			25.020
	pumb house sun shade	2	13.900	0.600			16.680
		2	13.900	0.100			2.780
	pumb house sun shade	2	16.900	0.600			20.280
		2	16.900	0.100			3.380
	panel room wall	4	12.700		2.900		147.320
		4	15.700		2.900		182.120
	columns	6	.300*4		2.900		20.880
	sunshade	2	13.900	0.600			16.680
		2	13.900		0.150		4.170
		2	16.900	0.600			20.280
		2	16.900		0.150		5.070
	roof slab	2	12.900	15.900			410.220
	roof slab	2	12.900		0.100		2.580
	roof slab	2	15.900		0.100		3.180

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	sump door	-1	1.500		2.750		-4.125
	pumb house shutter	-1	1.500		3.000		-4.500
	panel house shutter	-1	1.500		3.000		-4.500
	pumb house window	-13	1.000		1.500		-19.500
	panel room window	-13	1.000		1.500		-19.500
	sump step column	1	0.300*4		1.500		1.800
	Total						1569.525
				To	otal Quantity	y in sqm	1569.525
	13.16.1						
9	6 mm cement plas	ter of mix	:1:3 ( 1 ceme	ent: 3 fine sa	nd)		
	PLASTERING	I I	AIST	<b>5</b> 241.			
	sump roof slab	2	12.900	15.900			410.220
	pumb house roof slab	2	12.900	15.900			410.220
	panel room roof slab	2	12.900	15.900	ANAGEMENT		410.220
	Total		OF PUBLIC	WORKS			1230.660
				To	otal Quantit	y in sqm	1230.660
	13.43.1						
0	Applying one coat manufacture on wa					brand and	
	cement primer						
	sump rcc wall	2	12.700		2.750		69.850
		2	15.700		2.750		86.350
	pumb house wall	4	12.700	3.000			152.400
		4	15.700	3.000			188.400
		9	12.700	0.300			34.290
		6	14.200	0.300			25.560
	pumb house colums	6	0.300*4	2.750			19.800
	pumb house sun shade	4	13.900	0.600			33.360
	I	2	13.900	0.100			2.780
			13.700				
	pumb house sun shade horizontal	4	16.900	0.600			40.560

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	panel room wall	4	12.700		2.900		147.320
		4	15.700		2.900		182.120
	columns	6	.300*4		2.900		20.880
	sunshade	2	13.900	0.600			16.680
	roof slab	2	12.900	15.900			410.220
	roof slab	2	12.900		0.100		2.580
	roof slab	2	15.900		0.100		3.180
	sump door	-1	1.500		2.750		-4.125
	pumb house shutter	-1	1.500		3.000		-4.500
	panel house shutter	-1	1.500		3.000		-4.500
	pumb house window	-13	1.000	n	1.500		-19.500
	panel room window	-13	1.000		1.500		-19.500
	sump step column	1	0.300*4	3000	1.500		1.800
	Total	_		7 11	_		1389.385
			EPLATFOR	To	tal Quantity	in sqm	1389.385
14.02	Finishing walls wi or more coats appl water proofing	th water pied @ 3.8	proofing ceme 4 kg/10 sqm)	ent paint of r	equired shade	e:New wo	ork (Two
	sump inside wall	2	12.200		2.750		67.100
		2	15.200		2.750		83.600
	sump inside floor	1	12.200	15.200			185.440
	Total						336.140
				To	tal Quantity	in sqm	336.140
14.02	13.60.1						
2	Wall painting with an even shade:Two				l brand and n	nanufactu	re to give
			T	Т	Т	Т	
	sump rcc wall	2	12.700		2.750		69.850
		2	15.700	6.000	2.750		86.350
	pumb house wall	4	12.700	3.000			152.400
		4	15.700	3.000			188.400
		9	12.700 14.200	0.300			34.290 25.560
1				11 21 11 1			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	pumb house colums	6	0.300*4	2.750			19.800
	pumb house sun shade	4	13.900	0.600			33.360
		2	13.900	0.100			2.780
	pumb house sun shade horizontal	4	16.900	0.600			40.560
		2	16.900	0.100			3.380
	panel room wall	4	12.700		2.900		147.320
		4	15.700		2.900		182.120
	columns	6	.300*4		2.900		20.880
	sunshade	2	13.900	0.600			16.680
	roof slab	2	12.900	15.900			410.220
	roof slab	2	12.900	.es	0.100		2.580
	roof slab	2	15.900	130	0.100		3.180
	sump door	-1	1.500		2.750		-4.125
	pumb house shutter	-1	1.500		3.000		-4.500
	panel house shutter	-1	1.500	< 1	3.000		-4.500
	pumb house window	-13	1.000	VORKS	1.500		-19.500
	panel room window	-13	1.000		1.500		-19.500
	sump step column	1	0.300*4		1.500		1.800
	Total						1389.385
				To	tal Quantity	y in sqm	1389.385
14.02	10.6.1						
3	Supplying and fixing laths, interlocked to end locks, mounted arrangements for in including the cost of manufactured from a part 1 and M.S. to laths with 1.25 mm.	ogether the domestic of providing the high tensor cover of the cover o	rough their en ally designed outside locking and fixing sile steel wire of required thi	ntire length a pipe shaft w ng with push necessary 2 of adequate	and jointed to with brackets a and pull op 7.5 cm long strength con	ogether and side guide eration con wire spring forming	t the end by des and omplete, ngs to IS: 4454
	rolling shutter	i inch top					
	rolling shutter	2	2.000	3.000			12.000
	0 000000			2.000			000
	Total						12.000

window w2		Specification	No	Length	Width	Depth	Cf	Quantity
panel room window w2 13 6.000 0.5800 45.240  Total 90.480  Total 90.480  21.3.1  Providing and fixing glazing in aluminium 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 aluminium snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness  . window w3 28 0.800 1.450 32.480  Total 32.480  Total Quantity in sqm 32.480  21.17  Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).  . pumb house w2 13 1.000 1.500 19.500  panel room window w2 13 1.000 1.500 19.500  Total 39.000		with extruded buil sections of approv fasteners of require i.e. at top, bottom. Aluminium section mechanically when glazing /paneling, drawings and the of fasteners to be paid. For fixed portionP	t up stand ed make ced dia and and sides as shall be rever requence. P. brass directions d for sepa colyester p	ard tubular seconforming to l size, including with required e smooth, rustired including stainless stoof Engineer- rately):	ections/ appropriate IS: 733 and an eccessary depending the EPDM rub to free, straight geleat angle eel screws, a in-charge. (Green et al., 2016)	ropriate Z sec d IS: 1285, f y filling up the ber/ neoprenent, mitred and e, Aluminniu all complete a dazing, panel	ctions and ixing with the gaps at the gasket ed jointed m snap be as per arching and d	other dash junctions, tc. eading for nitectural
panel room window w2 13 6.000 0.5800 45.240  Total 90.480  Total 90.480  21.3.1  Providing and fixing glazing in aluminium 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 aluminium snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness  . window w3 28 0.800 1.450 32.480  Total 32.480  Total Quantity in sqm 32.480  21.17  Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).  . pumb house w2 13 1.000 1.500 19.500  panel room window w2 13 1.000 1.500 19.500  Total 39.000								
Total  Total  Total 90.486  Total Quantity in kg 90.486  14.02  21.3.1  Providing and fixing glazing in aluminium 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 aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness  .  window w3 28 0.800 1.450 32.486  Total Quantity in sqm 32.486  Total Quantity in sqm 32.486  Total Quantity in sqm 32.486  and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge.(Only weight of grill to be measured for payment).  pumb house w2 13 1.000 1.500 19.500  panel room 13 1.000 1.500 19.500  Total 39.000			13	6.000				45.240
14.02  15 Providing and fixing glazing in aluminium 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 aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness  .  window w3  28  0.800  1.450  32.480  Total  Total Quantity in sqm  32.480  14.02  21.17  Providing and fixing anodised aluminium grill ( anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge.(Only weight of grill to be measured for payment).  pumb house w2  13  1.000  1.500  19.500  Total  39.000			13	6.000	le/\			45.240
14.02  Total Quantity in sqm   32.480  To		Total		- 68				90.480
Providing and fixing glazing in aluminium 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 aluminium snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness  .  window w3 28 0.800 1.450 32.480  Total 32.480  Total Quantity in sqm 32.480  14.02 21.17  Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge.(Only weight of grill to be measured for payment).  .  pumb house w2 13 1.000 1.500 19.500  panel room 13 1.000 1.500 19.500  Total 39.000						Total Quant	ity in kg	90.480
14.02 6 Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge.(Only weight of grill to be measured for payment).  .  pumb house w2 13 1.000 1.500 19.500 panel room window w2 13 1.000 1.500 19.500		jaiummum snap ot	Jaume Sm	m oc para m			acc nanec	
14.02 6 Providing and fixing anodised aluminium grill ( anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge.(Only weight of grill to be measured for payment ).  pumb house w2 13 1.000 1.500 19.500 panel room window w2 13 1.000 1.500 19.500 Total 39.000		thickness					ass panes	of 4.0 mm
Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P brass/stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge.(Only weight of grill to be measured for payment).  pumb house w2 13 1.000 1.500 19.500 panel room window w2 13 1.000 1.500 19.		thickness window w3					ass panes	of 4.0 mm
panel room window w2 13 1.000 1.500 19.500 19.500 <b>Total</b> 39.000	14.02	thickness . window w3 Total				1.450		32.480 32.480
panel room window w2 13 1.000 1.500 19.500 19.500 <b>Total</b> 39.000		window w3  Total  21.17  Providing and fixing required shade according approved design window frame with including cutting that and fixing approved complete as per research.	ng anodise ording to h/pattern, h C.P brashe grill to ed anodise quirement	ed aluminium IS: 1868 wi with approve ss/stainless st proper open ed aluminium t and directio	n grill ( anod th minimum ed standard s teel screws ( ing size for fa	1.450  otal Quantit  lised transpar anodic coati ection and fire 200 mm cerixing and opction around	y in sqm  Tent or dye ng of grac xed to the entre to ce eration of the openi	32.480 32.480 32.480 32.480 ed to le AC 15) existing ntre, handles ng, all
Total 39.000		window w3  Total  21.17  Providing and fixing required shade according of approved design window frame with including cutting the and fixing approved complete as per reto be measured for the complete of the measured for the complete of the complete of the measured for the complete of t	ng anodise fording to n/pattern, h C.P brase he grill to ed anodise quirement	ed aluminium IS: 1868 wi with approve ss/stainless st proper open ed aluminium t and directio ).	n grill ( anod th minimum ed standard s teel screws ( ing size for fa	1.450  otal Quantit  lised transparanodic coatic ection and firm 200 mm certing and operion around er-in-charge.	y in sqm  Tent or dye ng of grac xed to the entre to ce eration of the openi	32.480 32.480 32.480 ed to le AC 15) existing ntre, handles ng, all ght of grill
		thickness window w3  Total  21.17 Providing and fixing required shade according approved design window frame with including cutting the and fixing approved complete as per return to be measured for the pumb house w2 panel room	ng anodise cording to n/pattern, h C.P brashe grill to ed anodise quirement payment	ed aluminium IS: 1868 wi with approve ss/stainless st proper open ed aluminium t and directio ).  1.000	n grill ( anod th minimum ed standard s teel screws ( ing size for fa	1.450  otal Quantit  lised transpar anodic coati ection and fi 200 mm ce ixing and op ction around er-in-charge.	y in sqm  Tent or dye ng of grac xed to the entre to ce eration of the openi	32.480 32.480 32.480 32.480 ed to de AC 15) existing ntre, handles ng, all ght of grill
		thickness . window w3  Total  21.17  Providing and fixing required shade according of approved design window frame with including cutting the and fixing approved complete as per restorate be measured for the pumb house w2  panel room window w2	ng anodise cording to n/pattern, h C.P brashe grill to ed anodise quirement payment	ed aluminium IS: 1868 wi with approve ss/stainless st proper open ed aluminium t and directio ).  1.000	n grill ( anod th minimum ed standard s teel screws ( ing size for fa	1.450  otal Quantit  lised transpar anodic coati ection and fi 200 mm ce ixing and op ction around er-in-charge.	y in sqm  Tent or dye ng of grac xed to the entre to ce eration of the openi	32.480 32.480 32.480 32.480 ed to le AC 15) existing ntre, handles ng, all ght of grill 19.500 19.500

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
14.02	100.41.33	100.41.33									
7	Supplying and fixi charges including					medium c	luty)				
	pump house man	hole									
	manhole	6					6.000				
	Total						6.000				
				1	Total Quant	ity in no	6.000				
14.02	13.71			ı	Total Quant	tity in no	6.000				
14.02 8	13.71 Lettering with blace	ck Japan p	oint of appro		•	•	6.000				
		ck Japan p	oint of appro		•	•	6.000				
	Lettering with blace	ck Japan p	oint of appro		•	•	500.000				
	Lettering with blace name board		oint of appro		•	•					

