TS Register No: 1161/2020-2021 AS Register No:1236/2020-2021

Providing Community Micro Irrigation in Navithankulam LIS – (Construction of Sump, Fertigation Room, Deepening and widening of pond and Electrification for Micro IrrigationWork at Navithankulam LIS in Eruthambathy Panchayath in Palakkad District)

Detailed Estimate

(Dsor year: 2016, Cost Index Applied for this estimate is 31.06%)

SI No	Description	No	L	В	D	CF	Quantity	Remark
		1 /	APPENDIX	A-SUMP TA	ANK			
1	2.6.1 Earth work in exca (exceeding 30 cm in earth, lead up to 50 soil	n depth, 1.5 m	in width as	well as 10	sqm on plai	n) including	g disposal of	excavate
		1	4.000	6.000	3.1000		74.400	
		14			Tota	l Quantity	74.400 cur	m
		194	Ka	To	otal Deducted	d Quantity	0.000 cum	
		700		n 01	Net Tota	l Quantity	74.400 cur	m
		0.1 E	Sa	y 74.400 cu	m @ Rs 165	.07 / cum	Rs 122	281.21
	Extra for every add materials.All kinds		4.000	6.000	1.500	al Quantity	36.000 cur	
				To	otal Deducted	d Quantity	0.000 cum	
					Net Tota	I Quantity	36.000 cur	m
			S	ay 36.000 c	um @ Rs 67	.82 / cum	Rs 24	41.52
3	60.1.2 RING BUND Type II height 2.0 m side ar till the completion of work.etc.complete.	nd filling in bet	ween with ea	arth to form	ring bund ar	nd maintain	ing the same	leak pro
	Pond	1	40.000				40.000	
					Tota	al Quantity	40.000 me	tre
				To	otal Deducted	d Quantity	0.000 met	re
					Net Tota	al Quantity	40.000 me	tre
							 	

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			Say 40	0.000 metre	@ Rs 980.	46 / metre	Rs 39	218.40		
4	60.2.2 Bailing out water Using conveyance to site and	_	•	•		•		_		
	5HP-1 no-15 days, 5 hrs	1	75.000				75.000			
					Tota	al Quantity	75.000 hc	our		
				To	tal Deducte	d Quantity	0.000 hou	ır		
					Net Tota	al Quantity	75.000 hc	our		
			Say	75.000 hoเ	ır @ Rs 243	3.42 / hour	Rs 18	256.50		
5	4.1.8 Providing and laying in shuttering - All work up nominal size)	•			•	•		•		
	PCC	1	3.200	5.200	0.100		1.665			
		A	TDE		Tota	al Quantity	1.665 cun	n		
		1 Dh		To	tal Deducte	d Quantity	0.000 cun	n		
					51251=177		•			
		70			Net Tota	al Quantity	1.665 cun	n		
		ther Fr		y 1.665 cum	@ Rs 5869	9.06 / cum		771.98		
6	5.1.2 Providing and laying in centering, shuttering, fir sand :3 graded stone as	n position s	ngineeri specified gra I reinforceme	ng Orga ade of reinfo ent - All work	@ Rs 5869 anisatio	9.06 / cum DNS	Rs 9	771.98 the cost o		
6	Providing and laying ir centering, shuttering, fir	n position s	ngineeri specified gra I reinforceme	ng Orga ade of reinfo ent - All work	@ Rs 5869 anisatio	9.06 / cum DNS	Rs 9	771.98 the cost o		
6	Providing and laying in centering, shuttering, fir sand :3 graded stone at	n position s nishing and ggregate 2	ngineeri specified gra I reinforceme 0 mm nomina	ng Organde of reinfont - All work	@ Rs 5869 anisation orced ceme c up to plinth	9.06 / cum DNS	Rs 9 e, excluding :3 (1 cemen	771.98 the cost o		
6	Providing and laying in centering, shuttering, fir sand :3 graded stone at Base slab	n position s nishing and ggregate 2	specified grad reinforcement of mm nominated 5.000	ng Organde of reinformat - All work all size 3.000	@ Rs 5869 anisation orced ceme c up to plinth	9.06 / cum DNS	Rs 9 e, excluding :3 (1 cemen	771.98 the cost o		
6	Providing and laying in centering, shuttering, fir sand :3 graded stone at Base slab Long wall	n position s nishing and ggregate 2 1 2	specified grad reinforcement of mm nomination 5.000	ng Organde of reinform - All work al size 3.000 0.250	@ Rs 5869 anisation orced ceme c up to plinth 0.300 3.000	9.06 / cum DNS	Rs 9 e, excluding 3 (1 cemen 4.500 7.500	771.98 the cost o		
6	Providing and laying in centering, shuttering, fir sand :3 graded stone at Base slab Long wall Short wall	n position s nishing and ggregate 2 1 2	specified grad reinforcement of mm nominal 5.000 5.000 2.500	ng Organde of reinform - All work all size 3.000 0.250 0.250	0.300 3.000 0.250	9.06 / cum DNS	Rs 9 e, excluding 3 (1 cemen 4.500 7.500 3.750	the cost of 1.5 coarse		
6	Providing and laying in centering, shuttering, fir sand :3 graded stone at Base slab Long wall Short wall	n position s nishing and ggregate 2 1 2	specified grad reinforcement of mm nominal 5.000 5.000 2.500	ng Organde of reinfornt - All work all size 3.000 0.250 0.250	0.300 3.000 0.250	2.06 / cum 20.06 /	Rs 9 e, excluding 3 (1 cemen 4.500 7.500 3.750 0.157	the cost of 1.5 coarse		
6	Providing and laying in centering, shuttering, fir sand :3 graded stone at Base slab Long wall Short wall	n position s nishing and ggregate 2 1 2	specified grad reinforcement of mm nominal 5.000 5.000 2.500	ng Organde of reinfornt - All work all size 3.000 0.250 0.250	0.300 3.000 3.000 0.250 Total Deducte	2.06 / cum 20.06 /	Rs 9 e, excluding 3 (1 cemen 4.500 7.500 3.750 0.157 15.907 cu	the cost of t 1.5 coarse		
6	Providing and laying in centering, shuttering, fir sand :3 graded stone at Base slab Long wall Short wall	n position s nishing and ggregate 2 1 2	specified grad reinforcement of mm nominal 5.000 5.000 2.500 2.500	ng Organde of reinfornt - All work all size 3.000 0.250 0.250	@ Rs 5869 anisation orced ceme a up to plinth 0.300 3.000 3.000 Total Deducte Net Total	2.06 / cum 20.06 /	Rs 9 e, excluding 3 (1 cemen 4.500 7.500 3.750 0.157 15.907 cu 15.907 cu	the cost of 1.5 coarse		
7	Providing and laying in centering, shuttering, fir sand :3 graded stone at Base slab Long wall Short wall	n position s nishing and ggregate 2 1 2 2 1	specified grad reinforcement of mm nomina 5.000 5.000 2.500 2.500 Say	ng Organde of reinformt - All work all size 3.000 0.250 0.250 To	@ Rs 5869 anisation orced ceme a up to plinth 0.300 3.000 3.000 Total Deducte Net Total @ Rs 8145 ing, cutting	al Quantity al Quantity al Quantity bending,	Rs 9 e, excluding 3 (1 cemen 4.500 7.500 3.750 0.157 15.907 cu 0.000 cun 15.907 cu Rs 12	the cost of t 1.5 coarse		
	Providing and laying in centering, shuttering, fir sand :3 graded stone ag Base slab Long wall Short wall Tie Beam 5.22.6 Steel reinforcement for	n position s nishing and ggregate 2 1 2 2 1	specified grad reinforcement of mm nomina 5.000 5.000 2.500 2.500 Say	ng Organde of reinformt - All work all size 3.000 0.250 0.250 To	@ Rs 5869 anisation orced ceme a up to plinth 0.300 3.000 3.000 Total Deducte Net Total @ Rs 8145 ing, cutting	al Quantity al Quantity al Quantity bending,	Rs 9 e, excluding 3 (1 cemen 4.500 7.500 3.750 0.157 15.907 cu 0.000 cun 15.907 cu Rs 12	the cost of t 1.5 coarse		

	Short wall	2	2.500	0.250	3.000	100.0	375.000	
	Tie Beam	1	2.500	0.250	0.250	100.0	15.625	
					Tota	al Quantity	1590.625	kilograr
				To	otal Deducte	ed Quantity	0.000 kilo	gram
					Net Tota	al Quantity	1590.625	kilograr
			Say 1590.62	5 kilogram (@ Rs 74.18	/ kilogram	Rs 11	7992.56
8	5.9.2 Centering and shutteri attached pilasters, but	•	-			for:Walls (a	any thicknes	s) inclu
	walls Inner	2	4.500		3.000		27.000	
	walls Inner	2	2.500	200	3.000		15.000	
	Wall Outer	2	5.000		3.000		30.000	
	Wall Outer	2	3.000	6 4	3.000		18.000	
	slab edge	2	5.000	53/1	0.300		3.000	
	slab edge	2	3.000		0.300	4	1.800	
	Tie Beam Side	2	2.500	ESY.	0.250	-	1.250	
	Tie Beam Bottom	1	2.500		0.250		0.625	
		\1 E	Hai	a ana	Tota	al Quantity	96.675 sc	ım
		otner E	ngineeri	ng Org	otal Deducte	d Quantity	0.000 sqn	n
					Net Tota	al Quantity	96.675 sc	ım
					1101 101	-,		
		P.	Sa	y 96.675 sq	m @ Rs 496			969.17
9	5.23 Smooth finishing of the sand).		surface of RC	C work with	m @ Rs 496	6.19 / sqm	Rs 47	969.17
9	Smooth finishing of the sand). Base slab	1	surface of RC		m @ Rs 496	6.19 / sqm	Rs 47	969.17
9	Smooth finishing of the sand). Base slab walls Inner	1 2	2.500 2.500	C work with	m @ Rs 496 6mm thick 3.000	6.19 / sqm	Rs 47	969.17
9	Smooth finishing of the sand). Base slab	1	surface of RC	C work with	m @ Rs 496	6.19 / sqm	Rs 47	969.17
9	Smooth finishing of the sand). Base slab walls Inner	1 2	2.500 2.500	C work with	m @ Rs 496 6mm thick 3.000	6.19 / sqm	Rs 47	969.17
9	Smooth finishing of the sand). Base slab walls Inner walls Inner	1 2 2	2.500 2.500 4.500	C work with	m @ Rs 496 6mm thick 3.000 3.000	6.19 / sqm	Rs 47 rtar 1:3 (cer 11.250 15.000 27.000	969.17
9	Smooth finishing of the sand). Base slab walls Inner walls Inner Top side	1 2 2 2	2.500 2.500 4.500 5.000	C work with	3.000 3.000 0.300	6.19 / sqm	Rs 47 rtar 1:3 (cer 11.250 15.000 27.000 3.000	7969.17 ment : 3
9	Smooth finishing of the sand). Base slab walls Inner walls Inner Top side	1 2 2 2	2.500 2.500 4.500 5.000	C work with	3.000 3.000 0.300	cement mod	Rs 47 rtar 1:3 (cer 11.250 15.000 27.000 3.000 1.500	ment : 3
9	Smooth finishing of the sand). Base slab walls Inner walls Inner Top side	1 2 2 2	2.500 2.500 4.500 5.000	C work with	3.000 3.000 0.300 Total Deducte	cement mod	Rs 47 rtar 1:3 (cer 11.250 15.000 27.000 3.000 1.500 57.750 so	ment : 3

Providing and applying integral crystalline slurry of hydrophilic in nature forwaterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservior, sewage & water treatment plant, tunnels/ subway and bridge deck etc., prepared by mixing in the ratio of 5:2 (5 partsintegral crystalline slurry: 2 parts water) for vertical surfaces and 3:1 (3 partsintegral crystalline slurry: 1 part water) for horizontal surfaces and applying thesame from negative (internal) side with the help of synthetic fiber brush. The materialshall meet the requirements as specified in ACI-212-3R-2010 i.e by reducingpermeability of concrete by more than 90% compared with control concrete as perDIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystallineslurry shall be capable of self-healing of cracks up to a width of 0.50mm. The workshall be carried out all complete as per specification and the direction of the engineerin-charge. The product performance shall carry guarantee for 10 years against anyleakage. For vertical surface two coats @0.70 kg per sqm 2.500 4.500 11.250 Base slab 1 2 walls Inner 2.500 3.000 15.000 2 4.500 3.000 27.000 walls Inner Top side 2 5.000 0.300 3.000 2 2.500 0.300 Top side 1.500 **Total Quantity** 57.750 sqm **Total Deducted Quantity** 0.000 sqm **Net Total Quantity** 57.750 sqm Say 57.750 sqm @ Rs 613.49 / sqm Rs 35429.05 gineering (a)rganisatio SI No Description Quantity Remark 2 APPENDIX B-FERTIGATION ROOM 1 2.31 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared FERTIGATION 1 8.000 8.000 64.000 ROOM**Total Quantity** 64.000 sqm 0.000 sqm **Total Deducted Quantity Net Total Quantity** 64.000 sqm Rs 604.16 Say 64.000 sqm @ Rs 9.44 / sqm 2 2.8.1 Earth work in excavation 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 soil as directed, within a lead of 50 m.All kinds of soil Foundation for walls 3 6.000 0.800 0.700 10.081

		3	2.600	0.800	0.700		4.368	
		2	2.800	0.800	0.700		3.136	
	Step	1	2.700	0.700	0.100		0.189	
					Tota	al Quantity	17.774 cu	m
				To	tal Deducte	d Quantity	0.000 cun	า
					Net Tota	al Quantity	17.774 cu	m
			Say	y 17.774 cur	m @ Rs 218	3.08 / cum	Rs 38	376.15
3	7.1.1 Random rubble maso concrete 1:6:12 (1 cem level with:Cement mort	nent : 6 coai	rse sand : 12	graded sto	•	•	• .	
	Foundation for walls	3	6.000	0.600	0.600		6.480	
		3	2.600	0.600	0.600		2.808	
		2	2.800	0.600	0.600		2.016	
	Basement for walls	3	6.000	0.450	0.450		3.646	
		3	2.600	0.450	0.450	Land .	1.580	
	1	2	2.800	0.450	0.450		1.135	
			Bai	a ang	Tota	al Quantity	17.665 cu	m
		v1 E		na Ona	migatio	10 C		
		ither Er	ngineeri	ng Oræ	tal Deducte	d Quantity	0.000 cun	า
		ther Er	ngineeri	ng Orga	7	d Quantity al Quantity	0.000 cun	
4	4.1.8	Dither Er	D 1		7	al Quantity	17.665 cu	
4		n position ce	Say	17.665 cum	Net Tota @ Rs 5197 fied grade 6	Quantity 7.64 / cum excluding th	17.665 cu Rs 91 e cost of ce	m 816.31 ntering a
4	4.1.8 Providing and laying ir shuttering - All work u nominal size)	n position cap to plinth	Say ement concr level:1:4:8 (17.665 cum ete of speci 1 cement : 4	Net Tota @ Rs 5197 fied grade et 4 coarse sa	Quantity 7.64 / cum excluding th	17.665 cu Rs 91 e cost of ce ed stone ag	m 816.31 ntering a
4	4.1.8 Providing and laying ir shuttering - All work u nominal size)	n position cap to plinth	Say ement concr level:1:4:8 (**	17.665 cum ete of speci 1 cement : 4	Net Tota @ Rs 5197 fied grade 64 coarse sa 0.100	Quantity 7.64 / cum excluding th	e cost of ce ed stone ag	m 816.31 ntering a
4	4.1.8 Providing and laying ir shuttering - All work u nominal size)	p to plinth	Say ement concrevel:1:4:8 (** 6.000 2.600	17.665 cum ete of speci 1 cement : 4 0.800 0.800	Net Tota @ Rs 5197 fied grade et 4 coarse sa 0.100 0.100	Quantity 7.64 / cum excluding th	17.665 cu Rs 91 e cost of ce ed stone ag 1.441 0.625	m 816.31 ntering a
4	4.1.8 Providing and laying in shuttering - All work unominal size) Foundation for walls	a position cop to plinth 1	Say ement concrevel:1:4:8 (** 6.000 2.600 2.800	17.665 cum ete of speci 1 cement : 4 0.800 0.800 0.800	Net Tota @ Rs 5197 fied grade et 4 coarse sa 0.100 0.100 0.100	Quantity 7.64 / cum excluding th	17.665 cu Rs 91 e cost of ce ed stone ag 1.441 0.625 0.448	m 816.31 ntering a
4	4.1.8 Providing and laying in shuttering - All work unominal size) Foundation for walls	a position cop to plinth 1	Say ement concrevel:1:4:8 (** 6.000 2.600 2.600 2.600	17.665 cum ete of speci 1 cement : 4 0.800 0.800 0.800 3.000	Net Tota @ Rs 5197 fied grade 64 coarse sa 0.100 0.100 0.100 0.100	Quantity 7.64 / cum excluding th	17.665 cu Rs 91 e cost of ce ed stone ag 1.441 0.625 0.448 0.781	m 816.31 ntering a
4	4.1.8 Providing and laying in shuttering - All work unominal size) Foundation for walls	a position cap to plinth 3 3 2 1	Say ement concrevel:1:4:8 (** 6.000 2.600 2.600 2.600	17.665 cum ete of speci 1 cement : 4 0.800 0.800 0.800 3.000 2.400	Net Tota @ Rs 5197 fied grade et 4 coarse sa 0.100 0.100 0.100 0.100 0.100	Quantity 7.64 / cum excluding th	17.665 cu Rs 91 e cost of ce ed stone ag 1.441 0.625 0.448 0.781 0.625	m 816.31 ntering a
4	4.1.8 Providing and laying in shuttering - All work u nominal size) Foundation for walls Flooring	a position cop to plinth I	Say ement concrevel:1:4:8 (** 6.000 2.600 2.600 2.600 2.800	17.665 cum ete of speci 1 cement : 4 0.800 0.800 0.800 3.000 2.400 5.600	Net Tota @ Rs 5197 fied grade et a coarse sa 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Quantity 7.64 / cum excluding th	17.665 cu Rs 91 e cost of ce ed stone ag 1.441 0.625 0.448 0.781 0.625 1.568	m 816.31 ntering a agregate
4	4.1.8 Providing and laying in shuttering - All work u nominal size) Foundation for walls Flooring	a position cop to plinth I	Say ement concrevel:1:4:8 (** 6.000 2.600 2.600 2.600 2.800	17.665 cum ete of speci 1 cement : 4 0.800 0.800 3.000 2.400 5.600 0.700	Net Tota @ Rs 5197 fied grade et a coarse sa 0.100 0.100 0.100 0.100 0.100 0.100 0.100	al Quantity 7.64 / cum excluding th nd : 8 grad	17.665 cu Rs 91 e cost of ce ed stone ag 1.441 0.625 0.448 0.781 0.625 1.568 0.189	m 816.31 ntering a agregate

	Say 5.677 cum @ Rs 5869.06 / cum								
5	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers n exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and lift up to 1.5 m.								
		1	2.600	3.000	0.100		0.781		
		1	2.600	2.400	0.100		0.625		
		1	2.800	5.600	0.100		1.568		
		1	2.350	2.750	0.450		2.909		
		1	2.350	2.150	0.450		2.274		
		1	2.550	5.350	0.450		6.140		
			140	199	Tota	al Quantity	14.297 cu	m	
		1	£ 2 1	To	otal Deducte	d Quantity	0.000 cum	1	
		6	W. B	25 1	Net Tota	al Quantity	14.297 cu	m	
		16	Sa	y 14.297 cu	m @ Rs 164	1.81 / cum	Rs 23	356.29	
6	50.6.1.4 Solid block masor size confirming to 1:6 (1 cement : 6	IS 2185 part I o coarse sand) e	f 1979 for fo		E. M.C.				
Ü	Solid block masor size confirming to	IS 2185 part I o	f 1979 for fo		E. M.C.				
	Solid block masor size confirming to	IS 2185 part I o	f 1979 for fo		E. M.C.				
	Solid block masor size confirming to 1:6 (1 cement : 6	IS 2185 part I o coarse sand) e	of 1979 for fo	undation an	d plinth with	thickness 2	20cm and at		
	Solid block masor size confirming to 1:6 (1 cement : 6	IS 2185 part I of coarse sand) e	of 1979 for for etc complete	undation an	d plinth with	thickness 2	20cm and ab		
	Solid block masor size confirming to 1:6 (1 cement : 6	IS 2185 part I of coarse sand) e	f 1979 for fo etc complete 6.000 2.600	0.200 0.200	3.600 3.600	thickness 2	12.961 5.617		
	Solid block masor size confirming to 1:6 (1 cement : 6	IS 2185 part I of coarse sand) e Other En	f 1979 for fo etc complete 6.000 2.600 2.800	0.200 0.200 0.200	3.600 3.600 3.600	thickness 2	12.961 5.617 4.032		
	Solid block masor size confirming to 1:6 (1 cement : 6	IS 2185 part I of coarse sand) e Other E1	f 1979 for fo etc complete 6.000 2.600 2.600	0.200 0.200 0.200 0.600	3.600 3.600 3.600 0.200	thickness 2	12.961 5.617 4.032 0.313		
	Solid block masor size confirming to 1:6 (1 cement : 6 Wall	IS 2185 part I of coarse sand) e Other E1	1979 for for the complete 6.000 2.600 2.600 2.000	0.200 0.200 0.200 0.600 0.300	3.600 3.600 3.600 0.200 0.200	thickness 2	12.961 5.617 4.032 0.313 0.120		
	Solid block masor size confirming to 1:6 (1 cement : 6 Wall	IS 2185 part I of coarse sand) et coars	1979 for for the complete 6.000 2.600 2.600 2.600 2.000 6.000	0.200 0.200 0.200 0.600 0.300 0.200	3.600 3.600 3.600 0.200 0.200 0.150	thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540		
	Solid block masor size confirming to 1:6 (1 cement : 6 Wall	IS 2185 part I of coarse sand) et coars	1979 for for the second	0.200 0.200 0.200 0.600 0.300 0.200	3.600 3.600 3.600 0.200 0.200 0.150	thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540 -0.234		
	Solid block masor size confirming to 1:6 (1 cement:6 Wall Step Lintel beam	IS 2185 part I of coarse sand) e Cheg En 3 2 1 3 3 3 2	2.600 2.600 2.600 2.600 2.600 2.600 2.800 2.800	0.200 0.200 0.200 0.600 0.300 0.200 0.200 0.200	3.600 3.600 3.600 0.200 0.150 0.150	thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540 -0.234 -0.167		
	Solid block masor size confirming to 1:6 (1 cement:6 Wall Step Lintel beam	1S 2185 part I of coarse sand) e coarse sand	2.600 2.600 2.600 2.600 2.600 2.600 2.600 2.600 2.600 2.600 2.600 2.800	0.200 0.200 0.200 0.600 0.300 0.200 0.200 0.200	3.600 3.600 3.600 0.200 0.200 0.150 0.150 2.100	thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540 -0.234 -0.167 -0.840		
	Solid block masor size confirming to 1:6 (1 cement:6 Wall Step Lintel beam D1 D2	1S 2185 part I of coarse sand) e coarse sand	1979 for footc complete 1 6.000 2.600 2.600 2.000 6.000 2.600 2.800 2.000 0.900	0.200 0.200 0.200 0.600 0.300 0.200 0.200 0.200 0.200	3.600 3.600 3.600 0.200 0.200 0.150 0.150 2.100	thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540 -0.234 -0.167 -0.840 -0.756		
	Solid block masor size confirming to 1:6 (1 cement: 6 Wall Step Lintel beam D1 D2 W1	1S 2185 part I of coarse sand) e coarse sand	2.600 2.600 2.600 2.600 2.600 2.600 2.600 2.600 2.800 2.000 2.000 2.000	0.200 0.200 0.200 0.600 0.300 0.200 0.200 0.200 0.200 1.500	3.600 3.600 3.600 0.200 0.200 0.150 0.150 2.100 2.100 0.200	thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540 -0.234 -0.167 -0.840 -0.756 -0.600		
	Solid block masor size confirming to 1:6 (1 cement: 6 Wall Step Lintel beam D1 D2 W1 W2	1S 2185 part I of coarse sand) et coars	1979 for footc complete 1 6.000 2.600 2.600 2.600 2.600 2.600 2.600 2.800 2.000 0.900 2.000 1.000	0.200 0.200 0.200 0.600 0.300 0.200 0.200 0.200 0.200 1.500	3.600 3.600 3.600 0.200 0.200 0.150 0.150 2.100 2.100 0.200 0.200	thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540 -0.234 -0.167 -0.840 -0.756 -0.600 -0.300	pove in: C	
	Solid block masor size confirming to 1:6 (1 cement: 6 Wall Step Lintel beam D1 D2 W1 W2	1S 2185 part I of coarse sand) et coars	1979 for footc complete 1 6.000 2.600 2.600 2.600 2.600 2.600 2.600 2.800 2.000 0.900 2.000 1.000	0.200 0.200 0.200 0.600 0.300 0.200 0.200 0.200 0.200 1.500 0.600	3.600 3.600 3.600 0.200 0.200 0.150 0.150 2.100 2.100 0.200 0.200	n thickness 2	12.961 5.617 4.032 0.313 0.120 -0.540 -0.234 -0.167 -0.840 -0.756 -0.600 -0.300 -0.144	m	

			Say	19.462 cum	@ Rs 5116	.15 / cum	Rs 99	570.51
7	5.3 Reinforced cement balconies, shelves, five level excluding 1.5 coarse sand (Zo	chajjas, lintels the cost of cer	, bands, plai ntering, shut	n window si tering, finish	lls, staircase ning and reir	es and spira forcement,	al stair cases	up to floo
	Lintel beam	3	6.000	0.200	0.150		0.540	
		3	2.600	0.200	0.150		0.234	
		2	2.800	0.200	0.150		0.168	
	Slab	1	6.200	6.200	0.120		4.613	
	Flat shade	1	2.600	0.600	0.100		0.157	
		1	1.600	0.600	0.100		0.096	
		2	1.200	0.600	0.100		0.144	
			37 9	K X	Tota	al Quantity	5.952 cum)
		(k.		To	otal Deducte	d Quantity	0.000 cum	1
							0.000 cum	
		11/50			Net Tota	al Quantity	5.952 cum	1
8	5.1.2	10	Sa	y 5.952 cum	Net Tota ® Rs 9686			653.33
8	5.1.2 Providing and layin centering, shuttering sand :3 graded ston	g, finishing and	specified gra	ade of reinfo	@ Rs 9686	.38 / cum	Rs 57	653.33 the cost of
8	Providing and layin centering, shuttering	g, finishing and	specified gra	ade of reinfo	@ Rs 9686	.38 / cum	Rs 57	653.33 the cost of
8	Providing and layin centering, shuttering sand :3 graded ston	g, finishing and e aggregate 20	specified gra reinforceme 0 mm nomin	ade of reinfo ent - All work al size	@ Rs 9686 prced ceme	.38 / cum	Rs 57	653.33
8	Providing and layin centering, shuttering sand :3 graded ston	g, finishing and e aggregate 20 3	specified gra reinforceme 0 mm nomin 6.000	ade of reinfo ent - All work al size 0.200	@ Rs 9686 proced ceme cup to plinth	.38 / cum	Rs 57	653.33
8	Providing and layin centering, shuttering sand :3 graded ston	g, finishing and e aggregate 20 3 3	specified gra reinforceme 0 mm nomin 6.000 2.600	ade of reinfo ent - All work al size 0.200 0.200	@ Rs 9686 corced ceme cup to plinth 0.200 0.200 0.200	.38 / cum	Rs 576 e, excluding 3 (1 cement 0.721 0.313	653.33 the cost 1.5 coars
8	Providing and layin centering, shuttering sand :3 graded ston	g, finishing and e aggregate 20 3 3	specified gra reinforceme 0 mm nomin 6.000 2.600	ade of reinfo ent - All work al size 0.200 0.200	@ Rs 9686 corced ceme cup to plinth 0.200 0.200 0.200	nt concrete level:1:1:5:	Rs 576 e, excluding 3 (1 cement 0.721 0.313 0.224	653.33 the cost of 1.5 coars
8	Providing and layin centering, shuttering sand :3 graded ston	g, finishing and e aggregate 20 3 3	specified gra reinforceme 0 mm nomin 6.000 2.600	ade of reinfo ent - All work al size 0.200 0.200	© Rs 9686 corced ceme cup to plinth 0.200 0.200 Total	nt concrete level:1:1:5:	Rs 576 9, excluding 13 (1 cement 0.721 0.313 0.224 1.258 cum	the cost of 1.5 coars
8	Providing and layin centering, shuttering sand :3 graded ston	g, finishing and e aggregate 20 3 3	specified gra reinforceme 0 mm nomin 6.000 2.600 2.800	ade of reinfo ent - All work al size 0.200 0.200	© Rs 9686 corced ceme cup to plinth 0.200 0.200 Total	al Quantity d Quantity	Rs 576 , excluding 3 (1 cement 0.721 0.313 0.224 1.258 cum 0.000 cum 1.258 cum	the cost
9	Providing and layin centering, shuttering sand :3 graded ston	g, finishing and e aggregate 20 3 3 2	specified grad reinforcement of mm nominal force of the following services of the following serv	ade of reinfo ent - All work al size 0.200 0.200 To y 1.258 cum	@ Rs 9686 orced ceme (up to plinth 0.200 0.200 Total otal Deducte Net Total @ Rs 8145	al Quantity d Quantity al Quantity self Quantity d Quantity self Quantity self Quantity self Quantity	Rs 576 2, excluding 23 (1 cement 0.721 0.313 0.224 1.258 cum 0.000 cum 1.258 cum Rs 10	653.33 the cost 1.5 coars
	Providing and layin centering, shuttering sand :3 graded ston Plinth belt 5.22.6 Steel reinforcemen	g, finishing and e aggregate 20 3 3 2	specified grad reinforcement of mm nominal force of the following services of the following serv	ade of reinfo ent - All work al size 0.200 0.200 To y 1.258 cum	@ Rs 9686 orced ceme (up to plinth 0.200 0.200 Total otal Deducte Net Total @ Rs 8145	al Quantity d Quantity al Quantity self Quantity d Quantity self Quantity self Quantity self Quantity	Rs 576 2, excluding 23 (1 cement 0.721 0.313 0.224 1.258 cum 0.000 cum 1.258 cum Rs 10	the cost of 1.5 coars
	Providing and layin centering, shuttering sand :3 graded ston Plinth belt 5.22.6 Steel reinforcemen binding all complete	t for R.C.C we e upto plinth I	specified grader reinforcement of the contract	ode of reinfo ent - All work al size 0.200 0.200 0.200 To y 1.258 cum	@ Rs 9686 orced ceme (up to plinth 0.200 0.200 Total otal Deducte Net Total @ Rs 8145 ing, cutting cally Treate	al Quantity d Quantity al Quantity al Quantity bending, led bars of g	Rs 576 7, excluding 13 (1 cement 0.721 0.313 0.224 1.258 cum 0.000 cum 1.258 cum Rs 10	the cost of 1.5 coars
	Providing and layin centering, shuttering sand :3 graded ston Plinth belt 5.22.6 Steel reinforcemen binding all complete	t for R.C.C we e upto plinth I	specified grader reinforcement of the control of th	ode of reinfo ent - All work al size 0.200 0.200 0.200 To y 1.258 cum g straighten - Mechanio 0.200	Rs 9686 orced ceme (up to plinth 0.200 0.200 Total otal Deducte Net Total @ Rs 8145 ing, cutting cally Treate 0.150	al Quantity d Quantity al Quantity .84 / cum bending, p d bars of g 100.0	Rs 576 7, excluding 13 (1 cement	the cost of 1.5 coars

	Flat shade	1	2.600	0.600	0.100	90.0	14.041	
		1	1.600	0.600	0.100	90.0	8.640	
		2	1.200	0.600	0.100	90.0	12.960	
	Plinth belt	3	6.000	0.200	0.200	100.0	72.001	
		3	2.600	0.200	0.200	100.0	31.201	
		2	2.800	0.200	0.200	100.0	22.400	
					Tota	al Quantity	670.595 k	ilogram
				To	tal Deducte	d Quantity	0.000 kilo	gram
					Net Tota	al Quantity	670.595 k	ilogram
			Say 670.59	5 kilogram @	2 Rs 74.18	′ kilogram	Rs 49	744.74
10	5.9.5 Centering and shutte girders bressumers	and cantileve	rs	8 4	oval of form	n for:Lintels		inth beam
	Plinth belt outer	4	6.000	0.200	44		4.801	
	Plinth belt inner	4	2.600	0.200	1 33	1	2.080	
		2	2.800	0.200			1.120	
		2	3.000	0.200	DO.		1.201	
		Other Fr	2.400	0.200	anisatio	ns	0.960	
		2	5.600	0.200			2.240	
	Lintel outer	D 4	6.000	0.150		1	3.600	
	Lintel outer Lintel inner		6.000 2.600	0.150 0.150			3.600 1.560	
		1 1 1						
		4	2.600	0.150			1.560	
		4 2	2.600	0.150 0.150			1.560 0.840	
		2 2	2.600 2.800 3.000	0.150 0.150 0.150			1.560 0.840 0.900	
		2 2 2	2.600 2.800 3.000 2.400	0.150 0.150 0.150 0.150	Tota	al Quantity	1.560 0.840 0.900 0.720	m
		2 2 2	2.600 2.800 3.000 2.400	0.150 0.150 0.150 0.150 0.150	Tota	<u>-</u>	1.560 0.840 0.900 0.720 1.680	
		2 2 2	2.600 2.800 3.000 2.400	0.150 0.150 0.150 0.150 0.150	tal Deducte	<u>-</u>	1.560 0.840 0.900 0.720 1.680 21.702 sq	า
		2 2 2	2.600 2.800 3.000 2.400 5.600	0.150 0.150 0.150 0.150 0.150	tal Deducte	d Quantity	1.560 0.840 0.900 0.720 1.680 21.702 sq 0.000 sqn 21.702 sq	า
11		4 4 2 2 2 2 2	2.600 2.800 3.000 2.400 5.600	0.150 0.150 0.150 0.150 0.150 To	ntal Deducte Net Tota m @ Rs 449	d Quantity al Quantity .40 / sqm	1.560 0.840 0.900 0.720 1.680 21.702 sq 0.000 sqm 21.702 sq Rs 97	m 752.88
11	5.9.3 Centering and shut	4 4 2 2 2 2 2	2.600 2.800 3.000 2.400 5.600	0.150 0.150 0.150 0.150 0.150 To	ntal Deducte Net Tota m @ Rs 449	d Quantity al Quantity .40 / sqm	1.560 0.840 0.900 0.720 1.680 21.702 sq 0.000 sqm 21.702 sq Rs 97	m 752.88

	Wall area	3	6.000	0.200			-3.600	
		3	2.600	0.200			-1.560	
		2	2.800	0.200			-1.119	
	I			0.200	⊥ Tota	L Quantity	41.417 sq	m
				To	otal Deducte		-6.279 sqr	
						al Quantity	35.138 sq	
			Sa	y 35.138 sq	m @ Rs 553	-		447.83
12	13.1.2 12 mm cement plaster of	of mix:1:6 (1 cement : 6	fine sand).				
	Wall outer	4	6.000	3.600			86.400	
	Store room	2	2.600	3.600			18.721	
		2	3.000	3.600			21.600	
	Office/pannel room	2	2.400	3.600	1		17.280	
		2	2.600	3.600	41		18.721	
	Fertigation & Filtration unit room	2	2.800	3.600		L	20.160	
		2	5.600	3.600	54		40.320	
	D1	1 h = F	2.000	0.200	0 4 4 0 0 4 4 0	10.0	-0.400	
	D2	ner Er	0.900	0.200	amsauo	IIS	-0.360	
	W1	1	2.000	1.500	1	(-3.000	
	W2	1	1.000	1.500			-1.500	
	V	2	0.600	0.600			-0.720	
					Tota	al Quantity	223.202 s	qm
				To	otal Deducte	d Quantity	-5.980 sqr	n
					Net Tota	al Quantity	217.222 s	qm
			Say	217.222 sq	m @ Rs 210).15 / sqm	Rs 45	649.20
13	13.16.1 6 mm cement plaster of	mix:1:3 (1	cement : 3	fine sand)				
	Slab bottom	1	6.200	6.200			38.441	
	Slab edge	4	6.200		0.120		2.976	
	Wall area	3	6.000	0.200			-3.600	
		3	2.600	0.200			-1.560	
		2	2.800	0.200			-1.119	
					Tota	al Quantity	41.417 sq	m

				To	otal Deducte	ed Quantity	-6.279 sqr	n
						al Quantity	35.138 sq	
			Sa	y 35.138 sq	m @ Rs 18	3.46 / sqm	Rs 66	622.11
14	13.46.1 Finishing walls with Acr @ 1.67 ltr/10 sqm over	-	•	•		•		
	Wall outer	4	6.000	3.600			86.400	
	Store room	2	2.600	3.600			18.721	
		2	3.000	3.600			21.600	
	Office/pannel room	2	2.400	3.600			17.280	
		2	2.600	3.600			18.721	
	Fertigation & Filtration unit room	2	2.800	3.600	-		20.160	
		2	5.600	3.600	7 1 3		40.320	
	D1	1	2.000	0.200	T-A		-0.400	
	D2	2	0.900	0.200	الوافوي	1	-0.360	
	W1	1	2.000	1.500			-3.000	
	W2	1	1.000	1.500			-1.500	
	v	thez En	gio.6001i	ngo.600g	anisatio	ns	-0.720	
	Slab bottom	1	6.200	6.200	T	7	38.441	
	Slab edge	4	6.200		0.120		2.976	
	Wall area	3	6.000	0.200			-3.600	
		3	2.600	0.200			-1.560	
		2	2.800	0.200			-1.119	
					Tot	al Quantity	264.619 s	qm
				To	otal Deducte	ed Quantity	-12.259 so	qm
					Net Tot	al Quantity	252.360 s	qm
15	10.5.2		Say	252.360 sq	m @ Rs 12	5.88 / sqm	Rs 31	767.08
	Providing and fixing 1 r gusset plates at the jur coat of approved steel	ctions and	corners, all	necessary	fittings con	nplete, inclu	ding applyin	g a priming
	D1	1	2.000	2.100			4.200	
	D2	2	0.900	2.100			3.781	
					Tot	al Quantity	7.981 sqm	1

SI No	W1 W2 V Description 60.2.2 Bailing out water Usiconveyance to site and 5HP-1 no-3 days, 5 hrs	ing 5HP P	L NDIX C- REI ump- Bailin	ay 11.961 s B NOVATION g out wate	Net Total Qm @ Rs 98 D OF POND er with 5HP	al Quantity 3.36 / sqm CF engine an	Quantity Indicate the second	m 176.48 Remark
	V Description 60.2.2 Bailing out water Using	1+1 2+2 No 3 APPEN	1.000 0.600 S L NDIX C- REP	1.500 0.600 To ay 11.961 s B	Net Total Qm @ Rs 98 D OF POND er with 5HP	d Quantity al Quantity 3.36 / sqm CF	6.000 3.000 1.440 11.961 sq 0.000 sqm 11.961 sq Rs 11 Quantity	m 176.48 Remark
SI No	W2 V	1+1 2+2 No	1.000 0.600	1.500 0.600 To ay 11.961 s	Net Tota qm @ Rs 98	d Quantity al Quantity 3.36 / sqm	6.000 3.000 1.440 11.961 sq 0.000 sqm 11.961 sq Rs 11	m 176.48
SI No	W2 V	1+1 2+2	1.000 0.600	1.500 0.600 To	Net Total	d Quantity al Quantity 3.36 / sqm	6.000 3.000 1.440 11.961 sq 0.000 sqm 11.961 sq Rs 11	m 176.48
	W2	1+1	1.000	1.500 0.600	otal Deducte	d Quantity	6.000 3.000 1.440 11.961 sq 0.000 sqm 11.961 sq	m
	W2	1+1	1.000	1.500 0.600	otal Deducte	d Quantity	6.000 3.000 1.440 11.961 sq 0.000 sqm	1
	W2	1+1	1.000	1.500 0.600			6.000 3.000 1.440 11.961 sq	
	W2	1+1	1.000	1.500	Fate	Al Quantity	6.000 3.000 1.440	m
	W2	1+1	1.000	1.500	F		6.000 3.000	
						1	6.000	
	D2	2+2	0.900	0.200	1			
	D1	ther Er	g 2.000 g in eeri	0.200 ng	anisatio	ns	0.800	
17	13.84.2 Painting with synthetic grams/ litre, of approve achieve even shade an	d brand and	d manufactu					
		11		Say 36.000	0 kg @ Rs 16	62.58 / kg	Rs 58	352.88
			35 9	S A	Net Tota	al Quantity	36.000 kg	
			1	To	otal Deducte	d Quantity	0.000 kg	
			(Ca)	7.Rs	Tota	al Quantity	36.000 kg	
	W2	1	1.000	1.500		8.0	12.000	
	W1	1	2.000	1.500		8.0	24.000	
	Providing and fixing M /L-Type sections, made of required size, include approved steel prime 15x10x10 cm of C.C. 1	e of 1.60 mr ding fixing r.Fixing wit	n thick M.S. of necessar th 15x3 mm	Sheet,joints y butt hinge n lugs 10 c	s mitred, weldes and screventer mitted in the mitter mitted in the mitter mitted in the mitter mitted in the mitter mitter mitted in the mitter mitter mitted in the mitter mitte	ded and grir ws and app edded in c	nded finish, v lying a prim cement cond	with prof ling coa crete blo
	10.15.1)			110 20	
16			Sa	v 7 981 sam	n @ Rs 3619	-	·	889.22
16					Not Tota	al Quantity	0.000 sqm 7.981 sqm	

				To	otal Deducte	d Quantity	0.000 hou	r
					Net Tota	al Quantity	15.000 ho	ur
			Say	/ 15.000 hou	ır @ Rs 243	.42 / hour	Rs 36	351.30
2	2.31 Clearing jungle includir to 30 cm measured at m outside the peripher	a height of	1 m above (
	Through banks of pond	1	(41+55)*2	2.800			537.600	
					Tota	al Quantity	537.600 s	qm
				To	tal Deducte	d Quantity	0.000 sqm	1
			1/90	1/4/2	Net Tota	al Quantity	537.600 s	qm
			S	ay 537.600	sqm @ Rs 9).44 / sqm	Rs 50	74.94
	Earth work in excava (exceeding 30 cm in d earth, lead up to 50 m soil	epth, 1.5 m	in width as	well as 10	sqm on pla	n) including	disposal of	excavated
	Outer peripheral	1	55*2	6.000	2.000		1320.000	
	Outer peripheral	the <mark>l</mark> En	gilleeri	6.000	2.000 anisatio	ns	696.000	
	Inner portion	1	29.000	43.000	0.600		748.200	
	For foundation of side protection	1	192.000	2.200	0.600		253.440	
					Tota	al Quantity	3017.640	cum
				To	tal Deducte	d Quantity	0.000 cum	ı
					Net Tota	al Quantity	3017.640	cum
			Say 3	3017.640 cur	m @ Rs 165	5.07 / cum	Rs 498	3121.83
4	60.7.1 DRY RUBBLE MASOI blasted rubble including labour charges etc. cor	g packing to	compactne	ess to lines a	and levels co	ost and conv	, ,	
	Side protection-Total perimeter of pond	1	192.000	(2+0.6)/2	4.000		998.401	
	RCC belt@1.5 m	1	192.000	(1.48+1.42)/2	0.150		-41.760	
	RCC belt@3.15 m	1	192.000	(0.9+0.85) /2	0.150		-25.200	

	Side protection-For foundation	1	192.000	2.200	0.600		253.440	
					Tota	al Quantity	1251.841	cum
				To	tal Deducte	d Quantity	-66.960 cı	ım
					Net Tota	al Quantity	1184.881	cum
			Say 11	84.881 cum	@ Rs 2515	5.43 / cum	Rs 298	0485.21
5	4.1.5 Providing and laying in shuttering - All work up nominal size)	•		-	_	•		_
	wearing course at top	1	192.000	0.600	0.075		8.640	
			168	166	Tota	al Quantity	8.640 cum	ı
			C. 1	To	tal Deducte	d Quantity	0.000 cum	1
		1	X 3	S. W	Net Tota	al Quantity	8.640 cum	ı
			Say	/ 8.640 cum	@ Rs 6457	7.33 / cum	Rs 55	791.33
6	5.1.3 Providing and laying ir centering, shuttering, fill sand: 4 graded stone a	nishing and	reinforceme	ent - All wor			-	
	RCC belt@1.5 m	ther En	gineeri 192.000	(1.48+1.42)/2	anisatio 0.150	ns	41.760	
	RCC belt@3.15 m	1	192.000	(0.9+0.85)	0.150	1	25.200	
					Tota	al Quantity	66.960 cu	m
				Тс	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	66.960 cu	m
			Say	66.960 cum	@ Rs 7565	5.64 / cum	Rs 506	5595.25
7	5.9.5 Centering and shuttering girders bressumers and	•	-	etc. and rem	noval of form	n for:Lintels	, beams, pl	inth beams,
	For RCC belt	4	192.000	0.150			115.200	
	For Wearing course	2	192.000	0.075			28.800	
					Tota	al Quantity	144.000 s	qm
				Тс	tal Deducte	d Quantity	0.000 sqn	1
					Net Tota	al Quantity	144.000 s	qm
			Say	144.000 sqr	m @ Rs 449	.40 / sqm	Rs 64	713.60

8		5.22.6 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										
	RCC belt@1.5 m	1	192.000	(1.48+1.42)/2	0.150	60.0	2505.600					
	RCC belt@3.15 m	1	192.000	(0.9+0.85) /2	0.150	60.0	1512.000					
					Tota	al Quantity	4017.600	kilogram				
				То	tal Deducte	d Quantity	0.000 kilogram					
					Net Tota	al Quantity	4017.600	kilogram				
			Say 4017.60	00 kilogram @	® Rs 74.18	/ kilogram	Rs 298	3025.57				
SI No	Description	No	L/(8)	В	D	CF	Quantity	Remark				
		4 A	Appendix - I	D Electrifica	tion							
	copper conductor sing modular plate, suitable conductor single core	ole GI box a e cable etc	ınd earthing	g the point v			PVC insula					
	1.10.3	6	PROPERTY.	in 01.2-2.7			6.000					
		ther Er	ngineeri	ing Orga	anisatic	al Quantity	6.000 poir					
	-			То	tal Deducte		0.000 poir					
						al Quantity	6.000 poir					
	4.40		Sa	y 6.000 poin	t @ Rs 992	.12 / point	Rs 5	952.72				
2	1.12 Wiring for light/ power surface/ recessed me conductor single core	edium class	PVC condu	uit along with	1 No 4 sc		•					
	1.12	20					20.000					
					Tota	al Quantity	20.000 me	etre				
				То	tal Deducte	d Quantity	0.000 met	re				
					Net Tota	al Quantity	20.000 me	etre				
			Say 2	0.000 metre	@ Rs 220.	18 / metre	Rs 44	103.60				
3	1.14.2 Wiring for circuit/ sub copper conductor, sin sq. mm + 1 X 2.5 sq.	gle core cab	le in surfac			•						
	1.14.2	10					10.000					
	Ì	1	1	1		I	1	l .				

					Tota	al Quantity	10.000 me	etre
				To	tal Deducte	•	0.000 met	re
					Net Tota	al Quantity	10.000 me	etre
			Say 10	Say 10.000 metre @ Rs 179.55 / metre				
4	1.31 Supplying and fixing s including providing ar connection etc. as re-	nd fixing 3	pin 5/6 am _l	ps modular	socket out	let and 5/6	ampsmodu	
	1.31	1					1.000	
		Į.	I	Į.	Tota	al Quantity	1.000 eac	h
			-	To	tal Deducte	d Quantity	0.000 eac	h
			1/90	SPAL	Net Tota	al Quantity	1.000 eac	h
			Sa	y 1.000 each	n @ Rs 410.	.22 / each	Rs 4	10.22
	including providing and switch, connection etc	. as require		16 amps mo	odular sock	et outlet an		ps modular
	1.32	2		n el 1927	OK.		2.000	
		thor En	ginoori	ng Orga	4	al Quantity	2.000 eac	h
		ther En	iginieeri	ing Orac	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	2.000 eac	h
			Sa	y 2.000 each	n @ Rs 532.	.10 / each	Rs 10	064.20
6	1.33 Supplying and fixing 3 connection etc as req	•	p ceiling ro	se on the e	existina iun	ction box/ v	wooden blo	
	1.33			1	,		wooden blo	ckincluding
	1.00	6					6.000	ckincluding
	1.00	6				al Quantity		
		6		То		al Quantity	6.000	h
		6		То	Tota	al Quantity	6.000 6.000 eac	h h
		6	Sa	To	Total Deducte Net Tota	al Quantity d Quantity al Quantity	6.000 6.000 eac 0.000 eac 6.000 eac	h h
7	90.3.19.3 Supply conveyance, in: CRCA sheet 0.5mm thi 16/0.20 mm 3 core P\ original wiring and giv	stallation, te	sting and co all accesso d and shea	ay 6.000 ead ommissionin ries and lam thed round	Total Deducte Net Total ch @ Rs 60. g the light finps directly of copper cor	al Quantity d Quantity al Quantity 29 / each ttings of follon wall and	6.000 6.000 eac 0.000 eac 6.000 eac Rs 3 owing types giving connect wire or extensions	h h 61.74 made from ections with tending the

			Tota	al Quantity	6.000 eac	ch
		To	tal Deducte	d Quantity	0.000 eac	h
			Net Tota	al Quantity	6.000 eac	:h
	5	Say 6.000 each	@ Rs 1174.	12 / each	Rs 7	044.72
8	90.11.1.14 Supply and installation of sheet steel, phomography ana	, neutral link, e chor bolts or fix g etc. as require	arth bus an ed in recess d4 way (8+	d DIN rail s including c 12) - double	suitable for cutting hole cover TPN	fixing MCE on the wal vertical D
	90.11.1.14	2-2			1.000	
	السنا		Tota	al Quantity	1.000 eac	:h
	-63	To	tal Deducte	d Quantity	0.000 eac	ch
		BAY.	Net Tota	al Quantity	1.000 eac	ch
		Say 1.000 each	@ Rs 6466.	17 / each	Rs 6	466.17
	suitable for inductive load of following pole and commissioning etc. as required. Single 2.10.1		anisatio	ns	6.000	
	PR	To	Tota otal Deducte	Quantity d Quantity	0.000 ead	
				al Quantity	6.000 eac	
		Say 6.000 each		<u> </u>		360.38
10	2.10.4 Supplying and fixing 5 amps to 32 amps suitable for inductive load of following pole and commissioning etc. as required. Triple	s rating, 240/4 ²	15 volts, "C	" curve, mi	niature circ	cuit breake
	2.10.4 2				2.000	
			Tota	al Quantity	2.000 eac	ch
		To	tal Deducte	d Quantity	0.000 eac	h
			Net Tota	al Quantity	2.000 eac	h
		Say 2.000 each	n @ Rs 917.	42 / each	Rs 1	834.84
11	2.10.5 Supplying and fixing 5 amps to 32 amps suitable for inductive load of following pole	•				

	2.10.5	1					1.000	
	2.10.0	1			ITota	L Quantity	1.000 ead	⊥ :h
				To	ital Deducte		0.000 ead	
						al Quantity	1.000 ead	
			Say	1.000 each			Rs 1	167.74
12	2.15.1 Supplying and fixing f circuit breaker (RCCI complete with connections)	B), having a	a sensitivity	current up	to 300 milli	amperes in	the existin	
	2.15.1	1	n.				1.000	
			198	199	Tota	al Quantity	1.000 ead	ch
			E: 2 1	To	tal Deducte	d Quantity	0.000 ead	ch
		619	N. P.	33 A	Net Tota	al Quantity	1.000 ead	ch
		18	Say	1.000 each	@ Rs 2747.	.02 / each	Rs 2	747.02
13	Supply & installation 760x450x260x) and to							,
	Supply & installation 760x450x260x) and to good the damages col od131609/2020_2021	fix KSEB m	neters, fuse g etc. as req	units, CT etc uired.	as require	d including		wall, ma
	760x450x260x) and to good the damages col	fix KSEB mount from the first fixed from the fixed	neters, fuse g etc. as req	units, CT etcuired.	as require	ns al Quantity	fixing it on v	wall, ma
	760x450x260x) and to good the damages col	fix KSEB mount from the first fixed from the fixed	neters, fuse g etc. as req	units, CT etcuired.	anisatio Tota tal Deducte	ns al Quantity	1.000 eac	wall, ma
	760x450x260x) and to good the damages col	fix KSEB mount from the first fixed from the fixed	neters, fuse g etc. as req ngineeri	units, CT etcuired.	Total Deducte Net Total	ns al Quantity d Quantity al Quantity	1.000 1.000 eac 0.000 eac 1.000 eac	wall, ma
14	760x450x260x) and to good the damages col	fix KSEB mount washing ther Er	neters, fuse g etc. as req ngineeri	units, CT etcuired. ng Orga To	Total Deducte Net Tota @ Rs 4814	ns al Quantity d Quantity al Quantity 66 / each	1.000 1.000 eac 0.000 eac 1.000 eac	wall, ma
	760x450x260x) and to good the damages col od131609/2020_2021	fix KSEB mount washing ther Er	neters, fuse g etc. as req ngineeri	units, CT etcuired. ng Orga To	Total Deducte Net Tota @ Rs 4814	ns al Quantity d Quantity al Quantity 66 / each	1.000 1.000 eac 0.000 eac 1.000 eac	wall, ma
	760x450x260x) and to good the damages col od131609/2020_2021 od131612/2020_2021 Supply and fixing 63A	fix KSEB mour washing ther Er	neters, fuse g etc. as req ngineeri	units, CT etcuired. ng Orga To	Total Deducte Net Total @ Rs 4814	ns al Quantity d Quantity al Quantity 66 / each	1.000 eac 0.000 eac 1.000 eac Rs 4	wall, ma
	760x450x260x) and to good the damages col od131609/2020_2021 od131612/2020_2021 Supply and fixing 63A	fix KSEB mour washing ther Er	neters, fuse g etc. as req ngineeri	units, CT etcuired. ng Orga To 1.000 each e link in the c	Total Deducte Net Total @ Rs 4814	ns al Quantity d Quantity al Quantity 66 / each er board.	1.000 eac 0.000 eac 1.000 eac 1.000 eac Rs 4	wall, ma
	760x450x260x) and to good the damages col od131609/2020_2021 od131612/2020_2021 Supply and fixing 63A	fix KSEB mour washing ther Er	neters, fuse g etc. as req ngineeri	units, CT etcuired. ng Orga To 1.000 each e link in the c	Total Deducte Net Total Rs 4814 existing met Total tal Deducte	ns al Quantity d Quantity al Quantity 66 / each er board.	1.000 eac 0.000 eac 1.000 eac 1.000 eac Rs 4	wall, ma
	760x450x260x) and to good the damages col od131609/2020_2021 od131612/2020_2021 Supply and fixing 63A	fix KSEB mour washing ther Er	say ase with fuse	units, CT etcuired. ng Orga To 1.000 each e link in the c	Total Deducte Net Total Rs 4814 existing met Total tal Deducte Net Total	ns al Quantity d Quantity al Quantity er board. al Quantity d Quantity d Quantity	1.000 eac 0.000 eac 1.000 eac 1.000 eac 1.000 eac 3.000 eac 3.000 eac 3.000 eac	wall, ma
	760x450x260x) and to good the damages col od131609/2020_2021 od131612/2020_2021 Supply and fixing 63A	HRC fuse b	Say ase with fuse	units, CT etcuired. Ing Orga To 1.000 each e link in the co y 3.000 each	Total Deducte Net Total Rs 4814 Existing met Total Total Rs 4814 Existing met Total Rs 173	d including IS Al Quantity d Quantity al Quantity 66 / each er board. al Quantity d Quantity d Quantity al Quantity	1.000 1.000 ead 0.000 ead 1.000 ead 3.000 3.000 ead 0.000 ead Rs 4	wall, mal

				Tot	al Deducted	d Quantity	0.000 eac	:h
					Net Tota	I Quantity	1.000 eac	:h
			Say	1.000 each	@ Rs 173.	97 / each	Rs 1	73.97
16	90.12.7.27 Supply, laying a cable, 1.1 KV grant exceeding 60 with factory mad	ade of the followi Ocms, making go	ng sizes using	g clamps no	ted along v	with the cal	oles, spacin	g of clamp
	90.12.7.27	15					15.000	
					Tota	I Quantity	15.000 m	etre
				Tot	al Deducted	d Quantity	0.000 me	tre
			JAG	119	Net Tota	I Quantity	15.000 m	etre
			Say 15.	000 metre	@ Rs 302.7	7 / metre	Rs 4	541.55
	Supply, laying a cable, 1.1 KV grant exceeding 60 factory made cla	ade of the followi	ng sizes using	g clamps no	ted along v	with the cal	oles, spacin	g of clamp
	90.12.7.39	10	No. Comment	101727			10.000	
		Other En	ngineerin	g Orga	nisaTiota	l Quantity	10.000 m	etre
			DI	Tot	al Deducted	Quantity	0.000 me	tre
			K		Net Tota	l Quantity	10.000 m	
								etre
			Say 10.	000 metre	@ Rs 202.3	2 / metre	Rs 20	etre 023.20
18	9.1.20 Supplying and m size of PVC ins required.3 1/2X2	ulated and PVC	nation with bra	ass compre	ssion gland	d and alumi	inium lugs f	023.20
18	Supplying and m size of PVC ins	ulated and PVC	nation with bra	ass compre	ssion gland	d and alumi	inium lugs f le of 1.1 K	023.20 or followind V grade
18	Supplying and m size of PVC ins required.3 1/2X2	ulated and PVC 25 sq.mm (28mi	nation with bra	ass compre KLPE alum	ssion gland inium cond Tota	d and alumiductor cab	inium lugs f le of 1.1 K 4.000 4.000 set	023.20 or followin V grade
18	Supplying and m size of PVC ins required.3 1/2X2	ulated and PVC 25 sq.mm (28mi	nation with bra	ass compre KLPE alum	ssion gland inium cond Tota al Deducted	d and alumiductor cab Il Quantity Il Quantity	4.000 4.000 set	023.20 or followin V grade
18	Supplying and m size of PVC ins required.3 1/2X2	ulated and PVC 25 sq.mm (28mi	nation with bra	ass compre KLPE alum	ssion gland inium cond Tota al Deducted	d and alumiductor cab	inium lugs f le of 1.1 K 4.000 4.000 set	023.20 or followin V grade a
18	Supplying and m size of PVC ins required.3 1/2X2 9.1.20 9.1.32 Supplying and m size of PVC ins	ulated and PVC 25 sq.mm (28m) 4 haking end terminulated and PVC	nation with brack sheathed / 2 m) nation with brack sheathed / 2 sheathed / 2	Tot Say 4.000 seass compre	ssion gland inium cond Tota al Deducted Net Tota et @ Rs 33	d and alumiductor cab Il Quantity Il Quantity Il Quantity 6.82 / set	4.000 set 4.000 set 4.000 set 4.000 set 4.000 set	or following or following or following following or follo
	Supplying and m size of PVC ins required.3 1/2X2 9.1.20 9.1.32 Supplying and m	ulated and PVC 25 sq.mm (28m) 4 haking end terminulated and PVC	nation with brack sheathed / 2 m) nation with brack sheathed / 2 sheathed / 2	Tot Say 4.000 seass compre	ssion gland inium cond Tota al Deducted Net Tota et @ Rs 33	d and alumiductor cab Il Quantity Il Quantity Il Quantity 6.82 / set	4.000 set 4.000 set 4.000 set 4.000 set 4.000 set	or following or following or following following or follo

					Total Quantity	2.000 set		
				To	tal Deducted Quantity			
				10	Net Total Quantity			
				2 0 000				
				Say 2.000 set @ Rs 266.05 / set Rs 532.10				
20	HDPE conformin	g to IS 14930 Pa	art II for mecl	nanical pro	uble wall corrugated (etection to undergrou 50 mm or nearest size	nd power cal		
	90.12.9.3	80				80.000		
		1			Total Quantity	80.000 m	etre	
				To	tal Deducted Quantity	0.000 me	tre	
			ASS	18	Net Total Quantity	80.000 m	etre	
		0.000	Say 80.	.000 metre	@ Rs 151.62 / metre	Rs 12	2129.60	
	cable for subme	All 1764 A		National Action	94 part I 1990 as ro	equired inclu	ding giving	
	90.6.6.4	80				80.000		
			Barin	Bulg	Total Quantity	80.000 m	etre	
		Other Er	ngineerin	ig Org	tal Deducted Quantity	0.000 me	tre	
		DI			Net Total Quantity	80.000 m		
		P	Say 80	.000 metre	Net Total Quantity @ Rs 184.55 / metre			
22	_	re with cover plat	0 mm X 600 te having lock	mm X 6 m		Rs 14	etre 1764.00 ndproviding	
22	Earthing with G. masonry enclosu	re with cover plat	0 mm X 600 te having lock	mm X 6 m	@ Rs 184.55 / metre	Rs 14	etre 1764.00 ndproviding	
22	Earthing with G. masonry enclosu with charcoal/ col	re with cover plat ke and salt as red	0 mm X 600 te having lock	mm X 6 m	@ Rs 184.55 / metre	Rs 14 cessories, a ipe of 2.7 me	etre 1764.00 Indproviding tre long etc	
22	Earthing with G. masonry enclosu with charcoal/ col	re with cover plat ke and salt as red	0 mm X 600 te having lock	mm X 6 m ing arrang	@ Rs 184.55 / metre	Rs 14 cessories, a ipe of 2.7 me 2.000 2.000 set	etre 1764.00 Indproviding tre long etc	
22	Earthing with G. masonry enclosu with charcoal/ col	re with cover plat ke and salt as red	0 mm X 600 te having lock	mm X 6 m ing arrang	@ Rs 184.55 / metre	2.000 set	etre 1764.00 Indproviding tre long etc	
22	Earthing with G. masonry enclosu with charcoal/ col	re with cover plat ke and salt as red	0 mm X 600 te having lock quired.	mm X 6 m ing arrang To	@ Rs 184.55 / metre	2.000 set 2.000 set 2.000 set	etre 1764.00 Indproviding tre long etc	
22	Earthing with G. masonry enclosu with charcoal/ col 5.4 5.13 Providing and lay	re with cover plat ke and salt as rec 2 ving earth connections	0 mm X 600 te having lock quired.	mm X 6 ming arrange To ay 2.000 serth electroe	@ Rs 184.55 / metre m thick including accement and watering particle. Total Quantity tal Deducted Quantity Net Total Quantity	Rs 14 ccessories, a ipe of 2.7 me 2.000 2.000 set 0.000 set Rs 11 copper wire i	etre 1764.00 Indproviding tre long etc. 1341.94	

					Tota	al Quantity	20.000 me	etre		
				To	tal Deducte		0.000 met	tre		
					Net Tota	al Quantity	20.000 me	etre		
			Say 2	0.000 metre	@ Rs 238.	53 / metre	Rs 47	770.60		
24	5.14 Providing and fixing 25	s for conne	ctions etc. a	s required.						
	5.14	2					2.000			
					Tota	al Quantity	2.000 met	tre		
				To	tal Deducte	d Quantity	0.000 metre 2.000 metre			
					Net Tota	al Quantity				
			Say	2.000 metre	@ Rs 914.8	30 / metre	Rs 18	829.60		
25	5.19 Providing and fixing 4. surface/ recessed cond					or loop eart	hing along v	vith existir		
	5.19	10			T a	,	10.000			
		101	Luci		Tota	al Quantity	10.000 me	etre		
		70		То	tal Deducte	d Quantity	0.000 metre 10.000 metre	tre		
			Bai	a mil		al Quantity		etre		
	C	ther En	iginesayi	10.000 metr	e @ Rs 95.6	7 metre	Rs 9	56.70		
26	90.16.5.6 Supply of superior qua etc. as required.6. mm		earth socket	for the follow	wing size of	earth cond	uctor includi	ng crimpir		
	90.16.5.6	15					15.000			
					Tota	al Quantity	15.000 ea	ıch		
		0.000 eac	:h							
					Net Tota	al Quantity	15.000 ea	ıch		
	Say 15.000 each @ Rs 23.80 / each							57.00		
27	od131726/2020_2021 Supply, conveyane, installation, testing and commissioning of 3phase 25HP open well monobloc submesible motor pump set having head range 40-72 metres and discharge range 22-9.8 lps(aquate ASM54 or equivalent) including all necessary fittings for fixing Discharge pipe as per the direction of									
	officer in charge.		T	T	Г	T	T			
	od131726/2020_2021	3					3.000			
					Tota	al Quantity	3.000 eac	h		
				То	Tota		3.000 eac			

			Jay 3.1	000 each @	13 101200	.00 / Gacii	1/3 30.	3600.00
28	od131729/2020_2021 Fabrication, supply, conveyance, installation testing and commissioning of floor or wal and vermin proof, cubicle type meter cum main switch board comprising of the following devices & complying to IS 8623. sheet, powder coated (excluding base frame) br>: 1. 100A 4P on-load changeover switch automatic star delta starter for 25HP submersible motor pump set with remote control 100mA RCCB, 4.2nos. 7.5KVAR capacitor, 5. LED indicators with fuse control, 6. digitations. 100A cut-out fuses and 8. 1no. 100A neutral link							omponen Omm CRC . 2nos Fu 100A 4pc
	od131729/2020_2021	2					2.000	
					Tota	al Quantity	2.000 eac	:h
			n.	To	tal Deducte	d Quantity	0.000 eac	:h
			190	191	Net Tota	al Quantity	2.000 eac	:h
			Say 2	.000 each @	® Rs 79330	.38 / each	Rs 15	8660.76
29	od131732/2020_2021 Providing and fixing 75	mm 'B'class	GI pipe with	n GI fittings a	and clamps	as required	-	
	od131732/2020_2021	75	山海		1 10	L	75.000	
					Tota	al Quantity	75.000 m	etre
			no Libert	To	tal Deducte	d Quantity	0.000 me	tre
	0	ther En	gineeri	ng Orga	an Net Tota	al Quantity	75.000 m	etre
		D = 1	Say 75	.000 metre	@ Rs 1704.0	00 / metre	Rs 12	7800.00
30	od136489/2020_2021 SITC of Solar LED light CDL, 40W LED Cromp 6800lumens having dir (Details attached cbr>210kg) armless por foundation bolt etc. con of engineer at site as re	ton make / nenssions(/ eparately) sole of cast in nplete fixed	Equilant ha Approx) suitable to fire fire for with boorn on exisisting	ving 60W s 955 X 630 X t on tubular ttom dia.200 g cement co	olar br>mo X 55 (LWH) pole. (b) Po 	dule Wp with haing approble:- 3.5/4 lase plate a	th 27 Ah ba oximate wei Mtr. long (cl nd top c	ttery havi ght of 19 ear heigh lia. 100m
	od136489/2020_2021	4					4.000	
					Tota	al Quantity	4.000 eac	:h
				To	tal Deducte	d Quantity	0.000 eac	:h
					Net Tota	al Quantity	4.000 eac	:h
			Say 4	.000 each @	® Rs 99300	.00 / each	Rs 39	7200.00
31	14.1 Excavation for foundati including getting out the of 50 metres.		-	_		•		•

				Foundation	on for Solar	lamp post			
			4	0.600	0.600	0.600		0.864	
				-		Tota	al Quantity	0.864 cum	1
					To	otal Deducte	d Quantity	0.000 cum	1
						Net Tota	al Quantity	0.864 cum	1
				S	ay 0.864 cu	m @ Rs 251	.64 / cum	Rs 2	17.42
32	14.7 Providing ar aggregate 20		•			•		_	
				Foundati	on for solar	lamp post	T	T	
			4	0.600	0.600	0.600		0.864	
				-//		Tota	al Quantity	0.864 cum	1
				0.3.9	To	otal Deducte	d Quantity	0.000 cum	1
			1			Net Tota	al Quantity	0.864 cum	1
			1A	Sa	y 0.864 cum	n @ Rs 6830).85 / cum	Rs 59	01.85
SI No	Descrip	36	No		В	D	CF	Quantity	Remark
		5 3-Pha	se line ex	tension and	connectio	n charges t	o KSEB		
			np-Sum T		a 310	· 4 ·		Rs 500000.0	0
	SI No		btioner E1	10	0 0	anisatio	ļ	CF	Quantity
Remark	6 Training	-		ementation dministrativ		7	, -		s of KIIDC
		Lur	np-Sum T	otal			F	Rs 424800.0	0
	SI No	Descrip	ption	No	L	В	D	CF	Quantity
Remark				7 Cen	tage charge	e @ 7%	T		
		Lur	mp-Sum T	otal	T	T	F	Rs 484587.7	4
	SI No	Descrip	ption	No	L	В	D	CF	Quantity
Remark				8	3 GST @ 12	2%	T		
		Lur	np-Sum T	otal			F	Rs 830721.8	4
	SI No	Descrip	ption	No	L	В	D	CF	Quantity
Remark				9 GST on	centage ch	arge @ 18%	, 0		
		Lur	mp-Sum T	otal				Rs 87225.79)
				Pr	ovision for C	SST paymer	nts (in %) @	0.	0%
				Amount rese	rved for GS	T payments		0.00	
						Total		8750017.00)

TOTAL Rs 8760000.00
Rounded Total Rs 87,60,000
Runees Fighty Seven Lakh Sixty Thousand Only

(Cost Index Applied for this estimate is 31.06%)

