TS Register No: 1805/2020-2021 AS Register No:1884/2020-2021

KUMARAKOM - CHEEPUNKAL DESTINATION DEVELOPMENT PROJECT AT AYMANAM PANCHAYATH, KOTTAYAM DISTRICT

Detailed Estimate

(Dsor year: 2016,Cost Index Applied for this estimate is 37.93%)

	Description	No	L	В	D	CF	Quantity	Remark
		1 A	ppendix A:H	louse-boat	jetty			
1	5.9.3 Centering and shutte landings, balconies a	J	•	etc. and	removal of f	orm for:Su	spended flo	ors, roc
	Slab	1	150.000	3.600			540.000	
		2	150.000	MAS -	0.150		45.000	
		2	3.600	8	0.150		1.080	
		4	3.600	57/1	0.600		8.640	
		15	11314	COLT !	Tota	I Quantity	594.720 so	mp
		104	Ka	To	otal Deducted	d Quantity	0.000 sqm	
		300			Net Tota	I Quantity	594.720 so	mp
			Say	594.720 sq	m @ Rs 582	.48 / sqm	Rs 346	412.51
2	Centering and shutter	ing includin	g strutting, e		anisatio		, beams, pli	nth bear
	Centering and shutter girders bressumers ar	ing includin nd cantileve	g strutting, e		noval of form			nth bear
2	Centering and shutter	ing includin nd cantileve 2*51	g strutting, e		0.250		84.150	nth bear
	Centering and shutter girders bressumers ar	ing includin nd cantileve 2*51 1*51	g strutting, e rs 3.300 3.300		0.250 0.300		84.150 50.490	nth bear
2	Centering and shutter girders bressumers ar	ing includin nd cantileve 2*51	g strutting, e rs 3.300 3.300 3.300		0.250 0.300 0.250		84.150 50.490 165.000	nth bea
2	Centering and shutter girders bressumers ar	ing includin nd cantileve 2*51 1*51 2*100	g strutting, e rs 3.300 3.300		0.250 0.300		84.150 50.490	nth bea
2	Centering and shutter girders bressumers ar	2*51 1*51 2*100 1*100	g strutting, e rs 3.300 3.300 3.300 3.300		0.250 0.300 0.250 0.300		84.150 50.490 165.000 99.000	nth bear
2	Centering and shutter girders bressumers ar	2*51 1*51 2*100 1*100 2*19	g strutting, e rs 3.300 3.300 3.300 3.300 3.300		0.250 0.300 0.250 0.300 0.300		84.150 50.490 165.000 99.000 37.620	nth bear
2	Centering and shutter girders bressumers ar	2*51 1*51 2*100 1*100 2*19 1*19	g strutting, e rs 3.300 3.300 3.300 3.300 3.300 3.300		0.250 0.300 0.250 0.300 0.300 0.250		84.150 50.490 165.000 99.000 37.620 15.675	nth bear
	Centering and shutter girders bressumers ar	1*19 2*34	g strutting, e rs 3.300 3.300 3.300 3.300 3.300 3.300 3.300		0.250 0.300 0.250 0.300 0.300 0.250 0.250		84.150 50.490 165.000 99.000 37.620 15.675 56.100	nth bear
	Centering and shutter girders bressumers ar beams	1*19 2*34 1*34	g strutting, e rs 3.300 3.300 3.300 3.300 3.300 3.300 3.300	tc. and ren	0.250 0.300 0.250 0.300 0.250 0.250 0.250 0.300 1.200		84.150 50.490 165.000 99.000 37.620 15.675 56.100 33.660	
	Centering and shutter girders bressumers ar beams	1*19 2*34 1*34	g strutting, e rs 3.300 3.300 3.300 3.300 3.300 3.300 3.300	0.300	0.250 0.300 0.250 0.300 0.250 0.250 0.250 0.300 1.200	n for:Lintels	84.150 50.490 165.000 99.000 37.620 15.675 56.100 33.660 43.200	mp
	Centering and shutter girders bressumers ar beams	1*19 2*34 1*34	g strutting, e rs 3.300 3.300 3.300 3.300 3.300 3.300 3.300	0.300	0.250 0.300 0.250 0.300 0.250 0.300 0.250 0.250 0.300 Total	n for:Lintels	84.150 50.490 165.000 99.000 37.620 15.675 56.100 33.660 43.200 584.895 so	mp

3	20.6.1.1 Vertical load testing of and preparation of pil complete as per specapacityInitial test	e head or	constructio	n of test ca	ap and dism	nantling of	test cap aft	er test e
		1					1.000	
					Tota	al Quantity	1.000 per	test
				To	otal Deducte	d Quantity	0.000 per	test
					Net Tota	al Quantity	1.000 per	test
			Say 1.000	per test @	Rs 53188.29	/ per test	Rs 53	188.29
	DRY RUBBLE MASON blasted rubble including labour charges etc. con Over the existing structure	g packing t	to compactne	ess to lines	and levels co	ost and con		•
		IA	TON		Tota	⊥al Quantity	67.601 cu	m
		16/45		Т	otal Deducte		0.000 cun	า
			78/6/5/11	on of Park	Net Tota	al Quantity	67.601 cu	m
		ther E	Say	67.601 cum	n @ Rs 2647	7,29 / cum	Rs 178	3959.45
5	60.64.1 Coconut Pile - Supplying strata bellow bed level						ng down thr	oug varid
	Fender piles	20			6.000		120.000	
					Tota	al Quantity	120.000 n	netre
				To	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	120.000 n	netre
			Say 12	0.000 metre	e @ Rs 137.0	06 / metre	Rs 16	447.20
6	60.64.4 Coconut Pile - Driving charges and labour for after pointing the bottom	fixing, sta	•		`	•		•
	Fender piles	20			4.000		80.000	
					Tota	al Quantity	80.000 me	etre
				To	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	80.000 m	etre

	5.22.6 Steel reinforcement for binding all complete up		_	•	•			
	Wearing coat above retaining wall	1	150.000	0.600	0.150	10.0	135.000	
	beams	52	3.600	0.300	0.250	90.0	1263.601	
		2*50	3.300	0.300	0.250	90.0	2227.500	
	slab	1	150.000	3.600	0.150	90.0	7290.000	
	Extension of piles	1	10.000	0.300	0.300	80.0	72.000	
	slab vertical	1	3.600	0.150	0.600	80.0	25.920	
	Piles	44*2	0.300	0.300	9.000	90.0	6415.200	
		9*2	0.300	0.300	9.600	90.0	1399.680	
		-	£.2 1	A E	Tota	al Quantity	18828.901	kilogra
		611	N. P.	To	otal Deducte	d Quantity	0.000 kilog	gram
			11/1/1/1		Net Tota	al Quantity	18828.901	kilogra
		s	ay 18828.901	1 kilogram (@ Rs 78.07	/ kilogram	Rs 146	9972.30
8	4.1.3 Providing and laying in shuttering - All work up	•		ement : 2 co	•	_		•
8	Providing and laying in shuttering - All work up nominal size) Wearing coat above	•	evel:1:2:4 (ce	ement : 2 co	•	_		•
8	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall	to plinth letther Ei	evel:1:2:4 (ce	ement : 2 co	parse sand :	_	13.500	•
8	Providing and laying in shuttering - All work up nominal size) Wearing coat above	to plinth lether Ei	evel:1:2:4 (cengineerin	ement: 2 cong org	oarse sand : anisatio	_	stone aggreg	•
8	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall	to plinth lether Ei	150.000 0.700	0.600 0.700	0.150 0.200 0.800	_	13.500 1.470	gate 20
8	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall	to plinth lether Ei	150.000 0.700	0.600 0.700 0.500	0.150 0.200 0.800	4 graded s	13.500 1.470 3.000	gate 20 i
8	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall	to plinth lether Ei	150.000 0.700	0.600 0.700 0.500	0.150 0.200 0.800 Total Deducte	4 graded s	13.500 1.470 3.000 17.970 cu	m
8	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall	to plinth lether Ei	150.000 0.700 0.500	0.600 0.700 0.500	0.150 0.200 0.800 Total Deducte	4 graded s	13.500 1.470 3.000 17.970 cur 17.970 cur	m
9	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall	15 15 15 ooring tiles	150.000 0.700 0.500 Say s having joints 0 kg of harde	0.600 0.700 0.500 To 17.970 cum	0.150 0.200 0.800 Total Deducte Net Total 0 Rs 7561 vidth, using	4 graded sins al Quantity d Quantity al Quantity .25 / cum epoxy grout in per kg). in	13.500 1.470 3.000 17.970 cur 0.000 cur 17.970 cur Rs 135	m 6875.66
	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall fndtn for lamp posts 11.48.2 Grouting the joints of flocoated filler of desired size.	15 15 15 ooring tiles	150.000 0.700 0.500 Say s having joints 0 kg of harde	0.600 0.700 0.500 To 17.970 cum	0.150 0.200 0.800 Total Deducte Net Total 0 Rs 7561 vidth, using	4 graded sins al Quantity d Quantity al Quantity .25 / cum epoxy grout in per kg). in	13.500 1.470 3.000 17.970 cur 0.000 cur 17.970 cur Rs 135	m 6875.66
	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall fndtn for lamp posts 11.48.2 Grouting the joints of flocoated filler of desired size.	to plinth letter Li 15 15 15 ooring tiles shade (0.1 as per dire	150.000 0.700 0.500 Say s having joints of kg of harder ection of Engineering	0.600 0.700 0.500 To 17.970 cum s of 3 mm v ener and 0.3 neer-in-cha	0.150 0.200 0.800 Total Deducte Net Total 0.20 Rs 7561 vidth, using 20 kg of resi	4 graded sins al Quantity d Quantity al Quantity .25 / cum epoxy grout in per kg). in	13.500 1.470 3.000 17.970 cur 0.000 cum 17.970 cur Rs 135	m 6875.66 g of organg/ground
	Providing and laying in shuttering - All work up nominal size) Wearing coat above retaining wall fndtn for lamp posts 11.48.2 Grouting the joints of flocoated filler of desired size.	to plinth letter Li 15 15 15 ooring tiles shade (0.1 as per dire	150.000 0.700 0.500 Say s having joints of kg of harder ection of Engineering	0.600 0.700 0.500 To 17.970 cum s of 3 mm v ener and 0.3 neer-in-cha 3.600	0.150 0.200 0.800 Total Deducte Net Total 0.20 Rs 7561 vidth, using 20 kg of resi	al Quantity d Quantity al Quantity 25 / cum epoxy groutin per kg). in Tile 600x60	13.500 1.470 3.000 17.970 cur 0.000 cum 17.970 cur Rs 135	m 6875.66 g of organg/ground

_			Say :	540.000 sq	m @ Rs 230).41 / sqm	Rs 124	1421.40
10	od70939/2019_2020 Providing and laying T		,	•	•		•	•
	:3Coarse sand), includ	ling pointir	Ī		cement and	matching p		, complete
		1	150.000	3.600			540.000	
					Tota	al Quantity	540.000 s	qm
				To	otal Deducte	d Quantity	0.000 sqn	1
					Net Tota	al Quantity	540.000 s	qm
			Say 5	40.000 sqm	n @ Rs 1140).36 / sqm	Rs 61	5794.40
11	od70972/2019_2020 Conveying RCC piles of wooden scanting, coir i			he pile driv	ing point by	boat from b	pank and hir	e of plank
		106						
		1	14 112	ShA	11 A 1	al Quantity	106.000 e	
		18	41996	То	otal Deducte	d Quantity	0.000 eac	h
		452			Net Tota	al Quantity	106.000 e	ach
12	2.6.1		THE WAY	in at 127	@ Rs 1714			1783.64
12	Earth work in excava (exceeding 30 cm in do earth, lead up to 50 m soil	epth, 1.5 n	echanical me	eans (Hyd well as 10	raulic excar sqm on pla n to be level	vator)/mani n) including	ual means disposal of	over area
12	Earth work in excava (exceeding 30 cm in do earth, lead up to 50 m	epth, 1.5 n	echanical me	eans (Hyd well as 10	raulic exca sqm on pla	vator)/mani n) including	ual means disposal of	over area
12	Earth work in excava (exceeding 30 cm in do earth, lead up to 50 m soil foundation for lamp	epth, 1.5 n and lift up	echanical mention in width as to 1.5 m, disp	eans (Hyd well as 10 posed eartl	raulic excar sqm on pla n to be level 0.700	vator)/mani n) including	ual means g disposal of atly dressed	over area excavate All kinds o
12	Earth work in excava (exceeding 30 cm in do earth, lead up to 50 m soil foundation for lamp	epth, 1.5 n and lift up	echanical mention in width as to 1.5 m, disp	eans (Hyd well as 10 posed earth 0.700	raulic excar sqm on pla n to be level 0.700	vator)/mand n) including led and nea	ual means disposal of atly dressed	over area excavate All kinds o
12	Earth work in excava (exceeding 30 cm in do earth, lead up to 50 m soil foundation for lamp	epth, 1.5 n and lift up	echanical mention in width as to 1.5 m, disp	eans (Hyd well as 10 posed earth 0.700	raulic excarsqm on pla to be level 0.700 Total	vator)/mand n) including led and nea	ual means g disposal of atly dressed 5.488 5.488 cum	over area excavate All kinds o
12	Earth work in excava (exceeding 30 cm in do earth, lead up to 50 m soil foundation for lamp	epth, 1.5 n and lift up	echanical mention in width as to 1.5 m, disp	eans (Hyd well as 10 posed earth 0.700	raulic excarsqm on pla to be level 0.700 Total	vator)/mand n) including led and near al Quantity d Quantity	ual means g disposal of atly dressed 5.488 5.488 cum 0.000 cum 5.488 cum	over area
12	Earth work in excava (exceeding 30 cm in do earth, lead up to 50 m soil foundation for lamp	n position red cement concrete to cluding adrete, improve	echanical ment in width as to 1.5 m, display 0.700 Samachine batconcrete wo site of laying mixtures in received workability whent content of the workability whent c	eans (Hydwell as 10 posed earth 0.700 To ay 5.488 curched and mark, using one of the commend without improposidered and mark on side reductions as the commend without improposide reductions as the considered and mark on side reductions as the considered as the co	raulic excarsqm on planto be level 0.700 Total Deducte Net Total m @ Rs 173 machine mixed the cost of the cos	vator)/manum) including led and near al Quantity al Quantity al Quantity al Quantity at Comment as per tof centering as per 1th and dura is @ 330 k	5.488 cum 5.488 cum 5.488 cum 7.488 cum 5.488 cum 6.000 cum 5.488 cum 7.488 cum 8.59 This M-25 gra approved on ap	excavate All kinds 53.38 ade ceme design mi accelerat direction eess or les

		2*50	3.300	0.300	0.250		24.750	
	slab	1	150.000	3.600	0.150		81.000	
	Extension of piles	30	1.000	0.300	0.300		2.700	
	slab vertical	2	3.600	0.150	0.600		0.648	
					Tot	al Quantity	123.139 c	um
				To	otal Deducte	ed Quantity	0.000 cun	n
					Net Tot	al Quantity	123.139 c	um
			Say 1	23.139 cum	n @ Rs 889 ⁻	1.66 / cum	Rs 109	4910.12
	Providing, driving and and length below the including centering, reinforcement. (Lengt cap). cap). cap	pile cap in M shuttering, th of pile for	1-25 cement of driving and	concrete to	carry safe v	vorking load but exclu	not less tha	an specif ost of st
	Piles	44*2		37/4	9.000		792.000	
		9*2	DIM		9.600	4	172.800	
		Tolde	MA	Farly,	Tot	al Quantity	964.800 n	netre
			The same	To	otal Deducte	ed Quantity	0.000 me	tre
		Othor Er			Net Tot	al Quantity	964.800 n	netre
		Tiner Ei	Say 964.	800 metre	@ Rs 3140.	38 / metre	Rs 302	9838.62
	od199803/2020_2021		of the RCC I			-	without da	maging
15	Chipping and removing remaining portion and		the debris u	ıpto distan	ce of 50m.	complete		
15			the debris u	ipto distani 0.300	0.300	Complete	9.540	
15		d removing			0.300	al Quantity	9.540 9.540 cun	n
15		d removing		0.300	0.300	al Quantity		
15		d removing		0.300	0.300 Tot otal Deducte	al Quantity	9.540 cun	n
15		d removing	1.000	0.300 To	0.300 Tot otal Deducte	al Quantity ed Quantity al Quantity	9.540 cun 0.000 cun 9.540 cun	n
16		106 position 150 ant concrete m dia ancho	1.000 Say mm dia Bolla M25 mix joint or bolt ,drilling	0.300 To 7 9.540 cum rds 300 mr	0.300 Totolotal Deducted Net Totology (Principle of the Principle of the	al Quantity ed Quantity al Quantity 2.25 / cum providing 20 150x150x8	9.540 cun 0.000 cun 9.540 cun Rs 16	6621.07 SS steel e welded
	od86108/2019_2020 Precasting placing in at top filled with ceme bottom including 16m	106 position 150 ant concrete m dia ancho	1.000 Say mm dia Bolla M25 mix joint or bolt ,drilling	0.300 To 7 9.540 cum rds 300 mr	0.300 Totolotal Deducted Net Totology (Principle of the Principle of the	al Quantity ed Quantity al Quantity 2.25 / cum providing 20 150x150x8	9.540 cun 0.000 cun 9.540 cun Rs 16	6621.07 SS steel
	od86108/2019_2020 Precasting placing in at top filled with ceme bottom including 16m	position 150 ant concrete m dia ancho ngineer at si	1.000 Say mm dia Bolla M25 mix joint or bolt ,drilling	0.300 To 7 9.540 cum rds 300 mr	0.300 Toto tal Deducted Net Toto @ Rs 1742 In high ed and with welding etc	al Quantity ed Quantity al Quantity 2.25 / cum providing 20 150x150x8	9.540 cun 0.000 cun 9.540 cun Rs 16	6621.07 SS steel e welded per direct

					Net Tota	al Quantity	12.000 ea	ch
			Say 12	000 each @	② Rs 11418	.73 / each	Rs 137	7024.76
17	10.28 Providing and fixing stincluding welding, grind same with necessary accessories & stainless floor or the side of wa payment purpose onlaccessories such as	ding, buffin stainless s s steel dash iist slab wit ly weight o	ng, polishing steel nuts a in fasteners, th suitable a of stainless	and making nd bolts co stainless stearrangemen steel men	g curvature omplete, i/c eel bolts etc t as per ap	(wherever r fixing the ., of require proval of E	required) an railing with d size on th ngineer-in-c	d fitting th necessar e top of th charge, (fo
	accessories such as	1	45.000	1.200		15.0	810.000	
		•	10.000	1.200	Tota	al Quantity	810.000 k	α
			160	To	otal Deducte	· · · · · · · · · · · · · · · · · · ·	0.000 kg	9
			6.03			al Quantity	810.000 k	a
		1		Say 810.000) kg @ Rs 6	<u> </u>		7779.80
SI No	Description	No	L	В	D	CF	Quantity	Remark
1	60.7.1 DRY RUBBLE MASON	NRY _ Dry		out concret	e levelling (course mas		•
1	60.7.1	NRY _ Dry g packing to mplete as p	rubble with	out concret	e levelling o	course mas		•
1	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p	rubble with compactne	out concret ss to lines a of Departme	e levelling of and levels coental officers	course mas	veyance of a	•
1	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p	rubble with compactne er direction 40.000	out concret ess to lines a of Departme 0.700	e levelling of and levels contain officers	course mas	14.000	•
1	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p	rubble with compactne er direction 40.000	out concret ess to lines a of Departme 0.700	e levelling of and levels contain officers 0.500	course mas	14.000 10.000	•
1	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p	rubble with compactneer direction 40.000	out concret ess to lines a of Departme 0.700 0.500 1.200	e levelling of and levels contain officers 0.500 0.500 0.500 1.500	course mas	14.000 10.000 6.181	all materia
1	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p	rubble with compactneer direction 40.000	out concret ess to lines a of Departme 0.700 0.500 1.200 (1+.5)/2	e levelling of and levels contain officers 0.500 0.500 0.500 1.500	course mas ost and con- at site	14.000 10.000 6.181 11.588	all materia
1	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p	rubble with compactneer direction 40.000	out concret ess to lines a of Departme 0.700 0.500 1.200 (1+.5)/2	e levelling of and levels contain officers 0.500 0.500 1.500 Total officers	course mas ost and con- at site	14.000 10.000 6.181 11.588 41.769 cu	all materia
1	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p	rubble with compactneer direction 40.000 40.000 10.300	out concret ess to lines a of Departme 0.700 0.500 1.200 (1+.5)/2	e levelling of and levels contain officers 0.500 0.500 1.500 Total officers	al Quantity d Quantity	14.000 10.000 6.181 11.588 41.769 cu 0.000 cum 41.769 cu	m
2	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to	NRY _ Dry g packing to mplete as p 1 1 1 1 1 1 1 1 1 1	rubble with compactneer direction 40.000 40.000 10.300 10.300 Say	out concret ass to lines a of Departme 0.700 0.500 1.200 (1+.5)/2 To 41.769 cum eans (Hydi well as 10	e levelling of and levels contain officers 0.500 0.500 1.500 Total Deducte Net Total @ Rs 2647 raulic excapage sqm on pla	al Quantity d Quantity al Quantity 7.29 / cum	14.000 10.000 6.181 11.588 41.769 cu 0.000 cum 41.769 cu Rs 110	m 0574.66 over area
	60.7.1 DRY RUBBLE MASON blasted rubble including labour charges etc. cor Pathway parallel to existing jetty 2.6.1 Earth work in excava (exceeding 30 cm in deearth, lead up to 50 m	NRY _ Dry g packing to mplete as p 1 1 1 1 1 and lift up to	rubble with compactneer direction 40.000 40.000 10.300 10.300 Say	out concret ass to lines a of Departme 0.700 0.500 1.200 (1+.5)/2 To 41.769 cum eans (Hydi well as 10	e levelling of and levels contain officers 0.500 0.500 1.500 Total Deducte Net Total @ Rs 2647 raulic excapage sqm on pla	al Quantity d Quantity al Quantity 7.29 / cum	14.000 10.000 6.181 11.588 41.769 cu 0.000 cum 41.769 cu Rs 110	m 0574.66 over area

					Tota	al Quantity	20.181 cu	m
				To	otal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	20.181 cu	m
			Sa	y 20.181 cu	m @ Rs 173	3.72 / cum	Rs 35	505.84
3	od199462/2020_2021 Providing and laying 80 made by block making r in required colour and p filling the joints with fine	nachine v attern ov	vith strong vit er and includ	oratory com ing 50 mm	paction, of a thick compa	pproved siz	ze, design & 6mm stone	shape, lai
	Road adjacent to highway	1	77.000	3.600			277.200	
	below the bridge	1	17.500	3.600			63.000	
		1	13.800	3.600			49.681	
		1	15.400	3.600	1		55.441	
		11		20/2	Tota	al Quantity	445.322 s	qm
		B	DE	To	otal Deducte	d Quantity	0.000 sqm	1
		4			Net Tota	al Quantity	445.322 s	qm
			Say	445.322 sq	m @ Rs 862	2.72 / sqm	Rs 384	1188.20
	Providing and laying in concrete for reinforced including pumping of coand reinforcement, including setting of concrete Engineer-in-charge. Not cement used as per de Pathway parallel to	cement oncrete to uding ad e, improve e: Ceme esign mix	site of laying mixtures in re workability nt content co is payable of	ork, using or g but exclude ecommend without imponsidered in or recoveral	eement conti ding the cos ed proportion airing streng in this item in the separate	ent as per t of centering ons as per th and dura s @ 330 kg	approved ong, shuttering is: 9103 to ability as per g/ cum. Exceeding to plint	design mix g, finishing accelerate direction c ess or les
	existing jetty	1	50.000	2.250	0.150		16.875	
	beams	17	3.400	0.200	0.150		1.735	
					Tota	al Quantity	18.610 cu	m
				To	otal Deducte	d Quantity	0.000 cum)
					Net Tota	al Quantity	18.610 cu	m
			Say	18.610 cum	n @ Rs 8891	.64 / cum	Rs 165	5473.42
5	4.1.3 Providing and laying in shuttering - All work up nominal size)			•	•	_		•

	Road adjacent to highway	2	77.000	0.200	0.400		12.320	
		2	5.000	0.200	0.400		0.800	
	below the bridge	2	10.000	0.200	0.400		1.600	
		2	17.500	0.200	0.400		2.801	
		2	5.000	0.200	0.400		0.800	
		2	13.800	0.200	0.400		2.208	
		2	5.000	0.200	0.400		0.800	
		2	15.400	0.200	0.400		2.465	
	Span 2	2	6.800	0.200	0.400		1.088	
		2	11.500	0.200	0.400		1.841	
			1.01		Tota	al Quantity	26.723 cu	m
		1	37 9	To	otal Deducte	d Quantity	0.000 cum	1
		16		30/2	Net Tota	al Quantity	26.723 cui	m
			Say	26.723 cum	n @ Rs 7561	.25 / cum	Rs 202	2059.2
6	5.9.3 Centering and shutter landings, balconies as	-					spended flo	oors, r
6	Centering and shutter	nd access	platform		removal of t		170.000	oors, r
6	Centering and shutter landings, balconies at Pathway parallel to	nd access ther En	platform					oors, r
6	Centering and shutter landings, balconies at Pathway parallel to	ther En	platform gineeri 50.000		anisatio		170.000	pors, r
6	Centering and shutter landings, balconies at Pathway parallel to existing jetty	ther En	platform gineeri 50.000 50.000		anisatio		170.000	oors, r
6	Centering and shutter landings, balconies at Pathway parallel to existing jetty beams Road adjacent to	ther En	50.000 50.000 3.400		0.150 0.150		170.000 15.000 17.340	oors, r
6	Centering and shutter landings, balconies at Pathway parallel to existing jetty beams Road adjacent to	ther En	50.000 50.000 3.400 77.000		0.150 0.400		170.000 15.000 17.340 61.600	oors, r
6	Centering and shutter landings, balconies as Pathway parallel to existing jetty beams Road adjacent to highway	ther En	50.000 50.000 3.400 77.000 5.000		0.150 0.150 0.400		170.000 15.000 17.340 61.600 4.000	oors, r
6	Centering and shutter landings, balconies as Pathway parallel to existing jetty beams Road adjacent to highway	ther En	50.000 50.000 3.400 77.000 5.000 17.500		0.150 0.150 0.400 0.400		170.000 15.000 17.340 61.600 4.000 14.000	oors, r
6	Centering and shutter landings, balconies as Pathway parallel to existing jetty beams Road adjacent to highway	ther English 2 2 2 2 2 2	50.000 50.000 3.400 77.000 5.000 10.000		0.150 0.150 0.400 0.400 0.400		170.000 15.000 17.340 61.600 4.000 14.000 8.000	oors, r
6	Centering and shutter landings, balconies as Pathway parallel to existing jetty beams Road adjacent to highway	ther English 2 2 2 2 2 2 2 2	50.000 50.000 3.400 77.000 5.000 10.000 5.000		0.150 0.150 0.400 0.400 0.400 0.400		170.000 15.000 17.340 61.600 4.000 14.000 8.000 4.000	oors, r
6	Centering and shutter landings, balconies as Pathway parallel to existing jetty beams Road adjacent to highway	ther English 2 2 2 2 2 2 2 2 2 2	50.000 50.000 77.000 5.000 10.000 5.000 13.800		0.150 0.150 0.400 0.400 0.400 0.400 0.400		170.000 15.000 17.340 61.600 4.000 14.000 8.000 4.000 11.041	pors, r
	Centering and shutter landings, balconies as Pathway parallel to existing jetty beams Road adjacent to highway	ther English 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	50.000 50.000 3.400 77.000 5.000 10.000 5.000 13.800 5.000		0.150 0.150 0.400 0.400 0.400 0.400 0.400 0.400		170.000 15.000 17.340 61.600 4.000 14.000 8.000 4.000 11.041 4.000	pors, r
	Centering and shutter landings, balconies as Pathway parallel to existing jetty beams Road adjacent to highway	ther English access ther English access there are a second access the access th	50.000 50.000 3.400 77.000 5.000 10.000 5.000 13.800 5.000 15.400		0.150 0.150 0.400 0.400 0.400 0.400 0.400 0.400 0.400		170.000 15.000 17.340 61.600 4.000 14.000 8.000 4.000 11.041 4.000 12.320	pors, r

				To	otal Deducte	d Quantity	0.000 sqm	1
					Net Tota	al Quantity	335.942 s	qm
			Say	335.942 sq	m @ Rs 582	2.48 / sqm	Rs 195	5679.50
7	5.22.6 Steel reinforcement fo binding all complete u		-	-				
	beams	17	3.400	0.200	0.150	80.0	138.721	
	Road adjacent to highway	2	77.000	0.200	0.400	60.0	739.200	
		2	5.000	0.200	0.400	60.0	48.000	
	below the bridge	2	10.000	0.200	0.400	60.0	96.000	
		2	17.500	0.200	0.400	60.0	168.001	
		2	5.000	0.200	0.400	60.0	48.000	
		2	13.800	0.200	0.400	60.0	132.481	
		2	5.000	0.200	0.400	60.0	48.000	
		2	15.400	0.200	0.400	60.0	147.841	
	Span 2	2	6.800	0.200	0.400	60.0	65.280	
		2	11.500	0.200	0.400	60.0	110.401	
	0	ther E	ngineeri	ng Org	anisa t ic	al Quantity	1741.925	kilogram
			D	To	otal Deducte	d Quantity	0.000 kilo	gram
					Net Tota	al Quantity	1741.925	kilogram
			Say 1741.92	5 kilogram (@ Rs 78.07	/ kilogram	Rs 13	5992.08
8	Providing and fixing st including welding, grind same with necessary accessories & stainless floor or the side of wa payment purpose onl accessories such as	ding, buffir stainless s steel das ist slab wi y weight	ng, polishing steel nuts a h fasteners, th suitable a of stainless	and making nd bolts co stainless sta arrangemen steel men	g curvature omplete, i/c eel bolts etc at as per ap	(wherever r fixing the ., of require proval of E	equired) an railing with d size on th ngineer-in-c	d fitting the necessary e top of the charge, (for
	existing jetty	1	48.000		1.200	15.0	864.000	
					Tota	al Quantity	864.000 k	g
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	864.000 k	g
			5	Say 864.000) kg @ Rs 6	51.58 / kg	Rs 562	2965.12
9	60.64.1							

		6			8.000		48.000	
					Tot	al Quantity	48.000 m	etre
				To	otal Deducte	d Quantity	0.000 me	tre
					Net Tot	al Quantity	48.000 m	etre
			Say 48	8.000 metre	e @ Rs 137.	06 / metre	Rs 6	578.88
10	60.64.4 Coconut Pile - Driving charges and labour for after pointing the bottor	fixing, sta	•			-		-
		6	1/403	1/402	6.000		36.000	
			5.27		Tot	al Quantity	36.000 m	etre
		6		To	otal Deducte	d Quantity	0.000 me	tre
		15	4 1	576 W 1	Net Tot	al Quantity	36.000 m	etre
		132	Say 36	6.000 metre	@ Rs 739.	31 / metre	Rs 26	615.16
-	16.78.2 Construction of granularizing in a mechanical	mix plant	at OMC, Carı	riage of mix	ed material	by tippers to	o work site,	for all lea
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-in	mix plant iform laye ory power i	at OMC, Care irs of specific coller to achie	riage of mix ed thicknes eve the desi	ed material s with moto red density,	by tippers to of grader on complete as	o work site, prepared s per specifi	for all leasurface a cations a
-	Construction of granular mixing in a mechanical & lifts, spreading in un compacting with vibrato	mix plant iform laye ory power i	at OMC, Care irs of specific coller to achie	riage of mix ed thicknes eve the desi	ed material s with moto red density,	by tippers to of grader on complete as	o work site, prepared s per specifi	for all leasurface a cations a
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to	mix plant iform laye ory power i n- Charge	at OMC, Carriers of specific roller to achie .With materia	riage of mix ed thicknes eve the desi	ed material s with motored density, g to Grade-	by tippers to of grader on complete as	o work site, prepared s s per specifi e 53 mm to	for all leasurface a cations a
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to	mix plant iform laye ory power i n- Charge	at OMC, Carrers of specific roller to achie With materia	riage of mixed thicknesseve the desiral conforming	ed material s with moto red density, g to Grade- 0.200	by tippers to of grader on complete as	o work site, prepared s s per specifi e 53 mm to	for all leasurface a cations a
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to highway	mix plant iform laye ory power i n- Charge 1	at OMC, Carrers of specific coller to achie with materia 48.500	riage of mixed thickness eve the desiral conforming 2.250	eed material s with motored density, g to Grade- 0.200	by tippers to of grader on complete as	o work site, prepared s s per specifi e 53 mm to 21.826	for all leasurface a cations a
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to highway	mix plant iform laye ory power i n- Charge 1 1	at OMC, Carrers of specific coller to achie with materia 48.500 77.000	riage of mixed thickness eve the desiral conforming 2.250 3.600	ed material s with motored density, g to Grade- 0.200 0.200	by tippers to of grader on complete as	o work site, prepared s s per specifi e 53 mm to 21.826 55.440 12.601	for all leasurface a cations a
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to highway	mix plant iform laye bry power i n- Charge 1 1 1	at OMC, Carrers of specific coller to achie with materia 48.500 77.000 13.800	riage of mixed thickness we the desiral conforming 2.250 3.600 3.600	ed material s with motored density, g to Grade- 0.200 0.200 0.200	by tippers to of grader on complete as	21.826 55.440 19.937	for all leasurface a cations a
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to highway below the bridge	mix plant iform laye ory power i n- Charge 1 1 1 1 1	at OMC, Carrers of specific coller to achie with material 48.500 77.000 13.800 15.400	riage of mixed thickness eve the desiral conforming 2.250 3.600 3.600 3.600	ed material s with motored density, g to Grade- 0.200 0.200 0.200 0.200	by tippers to of grader on complete as	21.826 21.826 55.440 12.601 9.937 11.089	for all leasurface a cations a
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to highway below the bridge	mix plant iform laye bry power i n- Charge 1 1 1 1 1	at OMC, Carrers of specific coller to achie with material 48.500 77.000 13.800 15.400 48.500	riage of mixed thickness eve the desiral conforming 2.250 3.600 3.600 2.250	ed material s with motored density, g to Grade- 0.200 0.200 0.200 0.200 0.150 0.150	by tippers to of grader on complete as	21.826 55.440 12.601 9.937 11.089	for all leasurface a cations a 0.075 mi
11	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to highway below the bridge	mix plant iform laye bry power i n- Charge 1 1 1 1 1	at OMC, Carrers of specific coller to achie with material 48.500 77.000 13.800 15.400 48.500	riage of mixed thickness eve the desiral conforming 2.250 3.600 3.600 2.250 3.600	ed material s with motored density, g to Grade- 0.200 0.200 0.200 0.200 0.150 0.150	by tippers to grader on complete as II (size rang	21.826 55.440 12.601 9.937 11.089 16.369	for all leasurface a cations a 0.075 mr
	Construction of granular mixing in a mechanical & lifts, spreading in uncompacting with vibrate directions of Engineer-inhaving CBRValue-25 Pathway parallel to exixting jetty Road adjacent to highway below the bridge	mix plant iform laye bry power i n- Charge 1 1 1 1 1	at OMC, Carrers of specific coller to achie with material 48.500 77.000 13.800 15.400 48.500	riage of mixed thickness eve the desiral conforming 2.250 3.600 3.600 2.250 3.600	ed material s with motored density, g to Grade- 0.200 0.200 0.200 0.200 0.150 Totoptal Deducted	by tippers to grader on complete as II (size rang	21.826 55.440 12.601 9.937 11.089 16.369 13.500	for all leasurface a cations a 0.075 mi

SI No	Desc	cription	No	L	В	D	CF	Quantity	Remark
			3 /	Appendix C	: Solar light	ing			
1	SITC of Second CDL, 40W 6800 lumer (Details attarmless per complete for the complete for th	LED Crorns having of tached separate of cast in its contract of cast in its contract on exit in the contract of the contract o	ghting Systementon maked dimenssions arately) suitale on with bottonsisting cementer AMC converse of the conve	/ Equilant h (Approx) 95 ble to fit on to m dia.200m nt concrete	naving 60W 5 X 630 X subular pole. m with base	solar modu 55 (LWH) h (b) Pole :- 3 plate and to	ule Wp with aing appro: 3.5/4 Mtr. lor op dia. 100r	n 27 Ah batt ximate weig ng (clear hei mm, foundat	ery havii ht of 19k ght -210k ion bolt e
	solar LED		15					15.000	
		<u> </u>				Tota	al Quantity	15.000 ea	ch
				1 Con	То	tal Deducte		0.000 eac	
				-1	W 650		al Quantity	15.000 ea	
			1	Sav 15.0	000 each @	h.	<u> </u>		4395.00
SI No	Desc	cription	No	L	В	D	CF	Quantity	Remark
				4 7% Centa	ge Charges	3			
		L	ump-Sum To	otal			F	Rs 837735.7	8
	SI No	Des	scription	No	L	В	D	CF	Quantity
Remark				5	GST @ 12	%			
		(ump-Sum To	gineeri	ng Orga	anisatio	ns R	s 1436118.4	18
	SI No		scription	No	L	В	D	CF	Quantity
Remark				6 GST @ 1	3% on centa	age charge	s		
		L	ump-Sum To	otal			F	Rs 150792.4	4
				Pro	ovision for G	ST paymen	ts (in %) @	0.	0%
	I		ŀ	Amount rese	rved for GS ⁻	T payments	· · · · · ·	0.00	
						Total		14392300.0	0
					Lumpsum fo			7700.00	
					Lumpsum ii	or round on			1400000
								OTAL Rs 14	
								d Total Rs 1	
						Rupe	es One Cror	e Forty Fou	r Lakh O

(Cost Index Applied for this estimate is 37.93%)