TS Register No: 3292/2020-2021 AS Register No:3451/2020-2021

Construction of RCB Across Poonur Puzha near KWA Pumping house at Poolakkadavu in Kuruvattoor Panchayath, Kozhikode 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 Append	lix A- Electr	ical (Genera	ator) Room			
1	2.8.1 Earth work in excavation trenches or drains (not ramming of bottoms, lift excavated soil as directions).	exceeding t up to 1.5	g 1.5 m in w 5 m, includir	vidth or 10 s	sqm on plar ut the exca	n), including	dressing of	sides a
	Column	8	1.600	1.400	1.500		26.880	
	Foundation for long walls	3	2.800	0.600	0.600		3.024	
		2	2.300	0.600	0.600	\	1.656	
	Cross walls	2	1.400	0.600	0.600		1.008	
		2	1.600	0.600	0.600		1.152	
		1 F	Hai	a and	Tota	al Quantity	33.720 cur	m
	U	ner Er	igineeri	ng Orga	otal Deducte	d Quantity	0.000 cum	l
					Net Tota	al Quantity	33.720 cur	m
			Sa	y 33.720 cur	m @ Rs 218	3.08 / cum	Rs 73	53.66
2	2.6.1 Earth work in excavat (exceeding 30 cm in de earth, lead up to 50 m a soil Site levelling	pth, 1.5 m	n in width as	well as 10	sqm on pla	n) including	disposal of	excava
					Tota	al Quantity	120.000 cu	ım
				Тс	otal Deducte	d Quantity	0.000 cum	
					Net Tota	al Quantity	120.000 cu	um
			Say	120.000 cur	m @ Rs 165	5.07 / cum	Rs 198	808.40
3	4.1.8 Providing and laying in shuttering - All work up nominal size)				-	_		_

	Column footing	8	1.600	1.400	0.150		2.688	
	Rooms floor	2	4.000	3.000	0.100		2.401	
		1	3.500	3.000	0.100		1.050	
	For cable duct in panel room	1	4.000	1.000	0.150		0.600	
	For cable duct in generator room	1	2.000	1.000	0.150		0.300	
	Room floor at cable duct	1	4.000	1.000	0.100		-0.400	
		1	2.000	1.000	0.100		-0.200	
			0	0	Tota	al Quantity	7.039 cum	1
			JAM.	Тс	otal Deducte	d Quantity	-0.600 cur	n
		1	£ 2 1		Net Tota	al Quantity	6.439 cum	1
		653	Sav	y 6.439 cum	n @ Rs 5869	0.06 / cum	Rs 37	790.88
	Centering and shutterin columns, etc for mass column footing		3.200		0.300		7.680	
	columns, etc for mass of	concrete	3.200		0.300		7.680	
	columns, etc for mass of	concrete	3.200 2.800	ng Org	0.300	ns	7.680 6.720	
	columns, etc for mass of	concrete 8	No.	ng Org	0.300 anisatic	ns al Quantity		
	columns, etc for mass of	concrete 8	No.	ng Org	0.300 anisatic	al Quantity	6.720	m
	columns, etc for mass of	concrete 8	No.	ng Org	0.300 Total	al Quantity	6.720 14.400 sq	m n
	columns, etc for mass of	concrete 8	2.800 ngineeri		0.300 Total	al Quantity d Quantity al Quantity	6.720 14.400 sq 0.000 sqm 14.400 sq	m n
5	columns, etc for mass of	ther En	2.800 gineeri Say	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36	m m m
5	Columns, etc for mass of Column footing 5.9.5 Centering and shuttering	ther En	2.800 gineeri Say	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36	m m m
5	Columns, etc for mass of Column footing 5.9.5 Centering and shuttering girders bressumers and	ther Ending including discantileve	2.800 ngineeri Say	y 14.400 sq	0.300 Total Deducte Net Tota m @ Rs 254	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36	m m m
5	Columns, etc for mass of Column footing 5.9.5 Centering and shuttering girders bressumers and	ther English and including discardilever 3	2.800 Igineeri Say g strutting, ears 4.400	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254 noval of form 0.800	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36 s, beams, pli	m m m
5	5.9.5 Centering and shuttering girders bressumers and Plinth Beam long wall	ther End of the state of the st	2.800 gineeri Say g strutting, ears 4.400 3.700	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254 noval of form 0.800 0.800	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36 s, beams, pli 10.561 5.921	m m m
5	5.9.5 Centering and shuttering girders bressumers and Plinth Beam long wall Cross walls	ther End of the End of	2.800 1gineeri Say g strutting, 6 ers 4.400 3.700 3.000	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254 noval of form 0.800 0.800 0.800	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36 5, beams, pli 10.561 5.921 9.601	m m m
5	5.9.5 Centering and shuttering girders bressumers and Plinth Beam long wall Cross walls	ther English and including including a cantilever 3 2 4 2	2.800 g strutting, 6 ers 4.400 3.700 3.000 4.000	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254 noval of form 0.800 0.800 0.800 0.300	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36 7, beams, pli 10.561 5.921 9.601 2.400	m m m
5	5.9.5 Centering and shuttering girders bressumers and Plinth Beam long wall Cross walls Lintel long walls	ther End of the End of	2.800 1gineeri Say g strutting, ears 4.400 3.700 3.000 4.000 3.500	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254 noval of form 0.800 0.800 0.800 0.300 0.300	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36 7, beams, pli 10.561 5.921 9.601 2.400 2.100	m m m
5	Columns, etc for mass of Column footing 5.9.5 Centering and shuttering girders bressumers and Plinth Beam long wall Cross walls Lintel long walls lintel toilet side	ng including cantilever 3 2 4 2 2 2 2	2.800 1gineeri Say g strutting, ears 4.400 3.700 3.000 4.000 3.500 1.400	y 14.400 sq	0.300 Total Deducte Net Total m @ Rs 254 noval of form 0.800 0.800 0.800 0.300 0.300 0.300	d Quantity d Quantity al Quantity 1.19 / sqm	6.720 14.400 sq 0.000 sqm 14.400 sq Rs 36 7, beams, pli 10.561 5.921 9.601 2.400 2.100 0.840	m m m

	Crosss walls	4	3.050		0.800		9.760	
	Sunshade	1	2.100	0.600			1.260	
		1	3.300		0.080		0.264	
		1	6.200	0.060			0.372	
		1	7.400		0.080		0.593	
					Tota	al Quantity	76.793 sq	m
				To	tal Deducte	d Quantity	0.000 sqm	า
					Net Tota	al Quantity	76.793 sq	m
			Say	/ 76.793 sqı	m @ Rs 449	9.40 / sqm	Rs 34	510.77
	Centering and shutter Abutments, Posts and Column upto plinth	•	ing strutting	, etc. and	removal of	form for:C	olumns, Pil	lars, Pi
	beam	8	1.200	3. 7	0.600		5.760	
		5	1.200		2.900		17.400	
		3	1.200		3.500	1	12.601	
	76				Tota	al Quantity	35.761 sq	m
			No.		tal Deducte		0.000 sqn	1
	01	ther Er	ngineeri	ng Orga	an Net Tota	al Quantity	35.761 sq	m
			Say	/ 35.761 sqi	m @ Rs 613	3.16 / sqm	Rs 21	927.21
7	5.9.3 Centering and shuttering landings, balconies and	J		, etc. and r	emoval of	form for:Su	ispended flo	oors, ro
	Main slab	1	3.100	3.500			10.850	
		2	3.100	4.000			24.800	
	Slab projection	1	31.800	1.000			31.800	
	Slab sides	1	34.200		0.100		3.421	
					Tota	al Quantity	70.871 sq	m
				To	otal Deducte	d Quantity	0.000 sqn	า
					Net Tota	al Quantity	70.871 sq	m
			Say	/ 70.8 <mark>71 sq</mark> ı	m @ Rs 553	3.47 / sqm	Rs 39	224.97
8	5.1.2 Providing and laying in centering, shuttering, fir sand :3 graded stone ag	ishing and	l reinforceme	ent - All work			_	

Column footing	8	1.400	1.200	0.300		4.032	
	8	0.800	0.600	0.300		1.152	
Columns up to plinth beam	8	0.400	0.200	0.600		0.385	
Plinth beam-long wall	3	4.400	0.200	0.300		0.792	
	2	3.700	0.200	0.300		0.445	
Cross walls	2	2.600	0.200	0.300		0.312	
	2	2.800	0.200	0.300		0.336	
				Tot	al Quantity	7.454 cum	า
			To	otal Deducte	ed Quantity	0.000 cum	า
		160	165	Net Tot	al Quantity	7.454 cum	า
		Sa	y 7.454 cum	n @ Rs 814	5.84 / cum	Rs 60	719.09
3 graded stone aggrega			,				
Column above plinth beam	5	0.400	0.200	2.900	ne	1.161	
beam	5 the ₃ E ₁	0.400 nginaeri 0.400	0.200	2.900 3.500	ns	1.161 0.841	
beam			ng Org		ons		
beam	the ₃ E ₁	ginaeri	ng _{0.200} g	anisatio	ns	0.841	
beam	the ₃ E ₁	910.400 4.000	0.200	3.500 0.150	ns	0.841	
Lintel -long walls	the ₃ E ₁	4.000	0.200 0.200 0.200	3.500 0.150 0.150	ons	0.841 0.240 0.211	
Lintel -long walls Cross walls	the ₃ E ₁	4.000 3.500 2.600	0.200 0.200 0.200 0.200	0.150 0.150 0.150	ns	0.841 0.240 0.211 0.156	
Lintel -long walls Cross walls toilet wall side	the ₃ E ₁ 2 2 1	4.000 3.500 2.600 1.400	0.200 0.200 0.200 0.200 0.200	0.150 0.150 0.150 0.150	ns	0.841 0.240 0.211 0.156 0.042	
Lintel -long walls Cross walls toilet wall side	2 2 2 1 2	4.000 4.000 3.500 2.600 1.400 8.100	0.200 0.200 0.200 0.200 0.200 0.200	0.150 0.150 0.150 0.150 0.150 0.300	ons	0.841 0.240 0.211 0.156 0.042 0.972	
Lintel -long walls Cross walls toilet wall side Beams- long walls	2 2 2 1 2	4.000 3.500 2.600 1.400 8.100 4.400	0.200 0.200 0.200 0.200 0.200 0.200 0.200	0.150 0.150 0.150 0.150 0.150 0.300 0.300	ons	0.841 0.240 0.211 0.156 0.042 0.972 0.264	
Lintel -long walls Cross walls toilet wall side Beams- long walls Cross walls	2 2 2 1 2	2.600 1.400 8.100 4.400 2.800	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	0.150 0.150 0.150 0.150 0.300 0.300 0.300	ons	0.841 0.240 0.211 0.156 0.042 0.972 0.264 0.336	
Lintel -long walls Cross walls toilet wall side Beams- long walls Cross walls	2 2 1 2 1 2	2.600 1.400 8.100 2.800 2.100	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.600	0.150 0.150 0.150 0.150 0.150 0.300 0.300 0.300 0.080	ons	0.841 0.240 0.211 0.156 0.042 0.972 0.264 0.336 0.101	
Lintel -long walls Cross walls toilet wall side Beams- long walls Cross walls Sunshade	2 2 1 2 1 2 1 1 1	2.600 1.400 8.100 2.800 2.100 6.200	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.600	0.150 0.150 0.150 0.150 0.150 0.300 0.300 0.300 0.080	ons	0.841 0.240 0.211 0.156 0.042 0.972 0.264 0.336 0.101 0.298	
Lintel -long walls Cross walls toilet wall side Beams- long walls Cross walls Sunshade	the ₃ E ₁ 2 2 1 2 1 1 1	2.600 1.400 2.600 1.400 8.100 4.400 2.800 2.100 6.200 9.300	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.600 0.600 3.950	0.150 0.150 0.150 0.150 0.300 0.300 0.300 0.080 0.080 0.100 0.100	al Quantity	0.841 0.240 0.211 0.156 0.042 0.972 0.264 0.336 0.101 0.298 3.674	m
Lintel -long walls Cross walls toilet wall side Beams- long walls Cross walls Sunshade	the ₃ E ₁ 2 2 1 2 1 1 1	2.600 1.400 2.600 1.400 8.100 4.400 2.800 2.100 6.200 9.300	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.600 0.600 3.950 3.950	0.150 0.150 0.150 0.150 0.300 0.300 0.300 0.080 0.080 0.100 0.100	al Quantity	0.841 0.240 0.211 0.156 0.042 0.972 0.264 0.336 0.101 0.298 3.674 2.212	
Lintel -long walls Cross walls toilet wall side Beams- long walls Cross walls Sunshade	the ₃ E ₁ 2 2 1 2 1 1 1	2.600 1.400 2.600 1.400 8.100 4.400 2.800 2.100 6.200 9.300	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.600 0.600 3.950 3.950	0.150 0.150 0.150 0.150 0.300 0.300 0.300 0.080 0.080 0.100 Total Deducted	al Quantity	0.841 0.240 0.211 0.156 0.042 0.972 0.264 0.336 0.101 0.298 3.674 2.212 10.508 cu	า

10	5.22.6 Steel reinforcement fo					_		
	Qty of concrete as per spec. no.5.1.2	pto plinth le	7.454	- Mechani	cally Treate	100.0	745.400	OD or m
	Qty of concrete as per spec. no.5.2.2	1	10.508			100.0	1050.800	
				I	Tota	al Quantity	1796.200	kilogram
				To	otal Deducte	d Quantity	0.000 kilo	gram
					Net Tota	al Quantity	1796.200	kilogran
		S	Say 1796.20	0 kilogram (@ Rs 74.18	/ kilogram	Rs 133	3242.12
	Random rubble masor concrete 1:6:12 (1 cem level with:Cement mort	ent : 6 coar	se sand : 12	2 graded sto	·	•	• .	
	Foundation of long walls	2	8.500	0.600	0.600	L	6.120	
	Basement of long walls	2	8.500	0.450	0.200		1.531	
	Foundation of long walls	the f En	gi4.800 ri	ng ^{0.600} g	an 0.600 10	ns	1.728	
	Basement of long walls		4.800	0.450	0.200	1	0.433	
	Foundation of cross walls	5	2.600	0.600	0.600		4.680	
	Basement of cross walls	5	2.600	0.450	0.200		1.171	
					Tota	al Quantity	15.663 cu	m
				To	otal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	15.663 cu	m
			Say	15.663 cum	n @ Rs 5197	7.64 / cum	Rs 81	410.64
12	50.6.2.1 Solid block masonry us size confirming to IS 2 cement :6 coarse sand	185 part I	of 1979 for t	,	•			
	Long walls left	1	4.000	0.200	2.300		1.840	
	Long walls left		7.000	0.200	2.500		1.040	

Long wall middle	1	4.000	0.200	3.500	2.801
	1	3.500	0.200	2.300	1.610
Long wall right	1	4.000	0.200	2.900	2.320
Cross walls front	1	2.600	0.200	(2.9+3.5)/	1.665
	1	2.800	0.200	(2.9+3.5)/	1.792
Middle	1	2.600	0.200	2.300	1.196
toilet wall	1	2.000	0.100	2.900	0.580
	1	1.400	0.100	2.900	0.406
	1	2.800	0.200	(2.9+3.5)/	1.792
Rear	1	2.600	0.200	2.300	1.196
	1	2.600	0.200	2.300	1.196
Step	1	2.700	0.600	0.450	0.730
1	1	2.700	0.300	0.150	0.122
cable duct	1	4.000	0.200	0.600	0.480
	1	2.000	0.200	0.600	0.240
Door	thes En	ginoeri	ng _{0.200} g	an <u>iga</u> tions	-1.260
Rolling shutter	1	1.500	0.200	2.100	-0.630
Window W	1	1.600	0.200	1.500	-0.480
Window W1	2	1.100	0.200	1.500	-0.660
Lintel	1	9.600	0.200	0.150	-0.288
Ventillator	1	0.900	0.200	0.600	-0.108
Wall of FF	4	3.200	0.200	3.800	9.729
Wall	2	4.600	0.200	3.800	6.992
Deduction for rolling shutter	1	3.200	0.200	2.400	-1.536
Deduction for windows	5	1.500	0.200	1.500	-2.250
 Deduction for lintels	5	1.700	0.200	0.200	-0.340
Deduction for over rolling shutter	1	3.200	0.200	0.200	-0.128
				Total Quant	tity 38.297 cum
			To	otal Deducted Quant	tity -7.680 cum

						Net Tot	al Quantity	30.617 c	um
				Say 30.	.617 cum	@ Rs 525	4.40 / cum	Rs 16	0873.96
13	having single i moulded with shall be 2 mm	rebate of fire resist thick and	32 mm x tant grade shall be f	Reinforced plasti 15 mm to receive unsaturated poilled with suitablides. M.S. stays	ve shutte olyester i e wooder	er of 30 mm resin and on the block in a	n thickness. chopped ma Il the three l	The lamina it. Door fra egs. The fra	ated shall I me lamina ame shall I
	Door		1	5.100				5.100	
						Tot	al Quantity	5.100 me	etre
					То	tal Deducte	ed Quantity	0.000 me	etre
				Cons.	Ŋ.	Net Tot	al Quantity	5.100 me	etre
				Say 5.10	00 metre	@ Rs 544.	55 / metre	Rs 2	2777.20
	door shutter of	f required	l colour a	oor frames.30 n nd approved bra ded to 3 mm thio	and and r	manufactui	e, made wit	th fire - reta	ardant gra
	door shutter of unsaturated po wooden frame monolithically frames.	f required olyester re and suita	d colour and sesin, mould able block m thick F	nd approved braded to 3 mm thicks of seasoned via RP laminate fo	and and r ck FRP la wood insider pr panels	manufactur aminate for de at requi conformin	re, made wit forming holl red places f g to IS : 14	th fire - reta ow rails and or fixing of 856, includ	ardant gra d styles, w fittings, ca
	door shutter of unsaturated po wooden frame monolithically	f required olyester re and suita	l colour ai esin, moule able block	nd approved braded to 3 mm thicks of seasoned via RP laminate fo	and and r ck FRP la wood insider pr panels	manufacturaminate for de at requice conformination	re, made wit forming holl red places f g to IS: 14	th fire - reta ow rails and or fixing of 856, include 1.891	ardant grad styles, was fittings, calling fixing
	door shutter of unsaturated po wooden frame monolithically frames.	f required olyester re and suita	d colour and sesin, mould able block m thick F	nd approved braded to 3 mm thicks of seasoned via RP laminate fo	and and r ck FRP la wood insi- or panels	manufacturaminate for de at require conformination	re, made wit forming holl red places f g to IS : 14	th fire - reta ow rails and or fixing of 856, includ	ardant grad styles, which styles, which styles, which styles is the styles of the styl
	door shutter of unsaturated po wooden frame monolithically frames.	f required olyester re and suita	d colour and sesin, mould able block m thick F	nd approved braded to 3 mm thicks of seasoned via RP laminate fo	and and r ck FRP la wood insi- or panels	manufactur aminate for de at requi conformin Tot tal Deducte	re, made with forming hollowed places for the second secon	th fire - reta ow rails and or fixing of 856, include 1.891	ardant grad styles, which is styles, which is styles, which is styles, which is styles and styles are styles and styles are styles a
	door shutter of unsaturated po wooden frame monolithically frames.	f required olyester re and suita	d colour and sesin, mould able block m thick F	nd approved braded to 3 mm thicks of seasoned via RP laminate for 2.100	and and r ck FRP la wood insi- or panels 0.900	manufactur aminate for de at requi conformin Tot tal Deducte	re, made with forming holl red places fig to IS: 14. INS al Quantity al Quantity al Quantity	th fire - reta ow rails and or fixing of 856, include 1.891 1.891 sq 0.000 sq 1.891 sq	ardant grad styles, which styles, which styles, which styles is styles and styles are styles and styles are st

shall be filled withweather proof silicon sealant over backer rod of required size and of approvedquality, all complete as per approved drawing & direction of Engineer-in-Charge.(Single / double glass panes and silicon sealant shall be paid separately)
br>Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerancein dimension i.e. in depth & width of profile shall be acceptable.Casement window double panels with S.S. friction hinges (350 x 19 x 1.9 mm)made of (big series)frame 67 x 60 mm & sash

_	W1	1	1.500	1.500			2.250	
	W2	1	1.500	1.100			1.651	
	V	1	0.900	0.600			0.540	
					Tota	al Quantity	4.441 sqm	1
				To	otal Deducte		0.000 sqm	
					Net Tota	al Quantity	4.441 sqm	1
			Say	4.441 sqm	@ Rs 10973	3.92 / sqm	Rs 48	735.18
	Providing and fixing window with necess				red (white po	owder coate	ed) for uPVC 3.000	caser
			W 2	XX	Tota	al Quantity	3.000 no	
			4 100	To	otal Deducte		0.000 no	
		181			(10	al Quantity	3.000 no	
						1		
17	1/1 20	400		Say 3.000) no @ Rs 19	96.59 / no	Rs 5	89.77
17	14.29 Providing and fixing windows and cleres	tory windows		A SUS		uired spacir	ng in wooder	
17	Providing and fixing windows and cleres	tory windows	1.600	A SUS		uired spacir	ng in wooder	
17	Providing and fixing windows and clerest Window W Window W1	tory windows	1.600	A SUS		0.89	19.937 13.707	
17	Providing and fixing windows and cleres	tory windows	1.600	A SUS	flats at requ	uired spacir	ng in wooder	
17	Providing and fixing windows and clerest Window W Window W1	tory windows	1.600	s with M.S.	flats at requ	0.89 0.89 0.89 al Quantity	19.937 13.707 1.602	
17	Providing and fixing windows and clerest Window W Window W1	tory windows	1.600	s with M.S.	flats at requ	0.89 0.89 0.89 al Quantity	19.937 13.707 1.602 35.246 kg	n frame
17	Providing and fixing windows and clerest Window W Window W1	tory windows	1.600	s with M.S.	flats at requ	0.89 0.89 0.89 al Quantity d Quantity	19.937 13.707 1.602 35.246 kg 0.000 kg 35.246 kg	n frame
	Providing and fixing windows and clerest Window W Window W1	14 14 2 M.S. Grills o	1.600 1.100 0.900	Say 35.24	Total Deducte Net Total 46 kg @ Rs a	0.89 0.89 0.89 al Quantity d Quantity al Quantity 81.00 / kg	19.937 13.707 1.602 35.246 kg 0.000 kg 35.246 kg Rs 28	354.93
	Providing and fixing windows and cleres: Window W Window W1 Ventilator V1 9.48.1 Providing and fixing round bars etc. inclu	14 14 2 M.S. Grills o	1.600 1.100 0.900	Say 35.24	Total Deducte Net Total 46 kg @ Rs a	0.89 0.89 0.89 al Quantity d Quantity al Quantity 81.00 / kg	19.937 13.707 1.602 35.246 kg 0.000 kg 35.246 kg Rs 28	354.93
17	Providing and fixing windows and cleres: Window W Window W1 Ventilator V1 9.48.1 Providing and fixing round bars etc. incluwelding	M.S. Grills o	1.600 1.100 0.900	Say 35.24	Total Deducte Net Total 46 kg @ Rs and the soft wind in primer all continued in the soft wind wind wind wind wind wind wind wind	0.89 0.89 0.89 0.89 d Quantity d Quantity al Quantity 81.00 / kg ows etc. wi	19.937 13.707 1.602 35.246 kg 0.000 kg 35.246 kg Rs 28	n frame
	Providing and fixing windows and cleres: Window W Window W1 Ventilator V1 9.48.1 Providing and fixing round bars etc. incluwelding	M.S. Grills o	1.600 1.100 0.900 of required particle coat with approximately 3.000	Say 35.24	Total Deducte Net Total 46 kg @ Rs and the soft wind a primer all control of the soft wind a primer all con	0.89 0.89 0.89 0.89 d Quantity d Quantity al Quantity stronglete.Fix	19.937 13.707 1.602 35.246 kg 0.000 kg 35.246 kg Rs 28 th M.S. flats ked to steel v	n frame

					Tota	al Quantity	154.800 kg	a
				To	otal Deducte	•	0.000 kg	<u> </u>
						al Quantity	154.800 kg	a
				Say 154.800		-		9 230.82
19	9.97.3 Providing and fixing 10 as per : 1868 complete:200x10	s), transparen			•	_		•
	Door	2					2.000	
					Tota	al Quantity	2.000 no	
			0	To	tal Deducte	d Quantity	0.000 no	
			A		Net Tota	al Quantity	2.000 no	
		_	6.21	Say 2.00	0 no @ Rs 9	99.80 / no	Rs 1	99.60
	Providing and fixing as per IS: 1868) complete:100 mm	transparent o			•	J	ū	
	Door	2			State of the state		2.000	
			No.	4 310	Tota	al Quantity	2.000 no	
		Other Er	ngineeri	ng Orga	Tota	10.0	2.000 no 0.000 no	
		Other En	ngineeri	ng Org	tal Deducte	10.0		
		Other En	ngineeri		tal Deducte	d Quantity	0.000 no 2.000 no	18.22
21	9.103 Providing and fixing a pair of anodised (approved quality wide.)	g bright finished anodic coating th necessary s	d brass 100 not less tha	Say 2.00 mm mortice n grade AC	Net Tota O no @ Rs ! latch and lo	d Quantity al Quantity 59.11 / no	0.000 no 2.000 no Rs 1	levers an
21	Providing and fixing a pair of anodised (approved quality wi	g bright finished	d brass 100 not less tha	Say 2.00 mm mortice n grade AC	Net Total 0 no @ Rs solutions latch and local 10 as per IS	d Quantity al Quantity 59.11 / no ock, ISI martis: 1868) alur	0.000 no 2.000 no Rs 1 ked, with six minium lever	levers an
21	Providing and fixing a pair of anodised (approved quality wi	g bright finished anodic coating th necessary s	d brass 100 not less tha	Say 2.00 mm mortice n grade AC complete.	Net Total 0 no @ Rs solutions latch and local 10 as per IS	d Quantity al Quantity 59.11 / no ock, ISI mark 5: 1868) alur	0.000 no 2.000 no Rs 1 ked, with six minium lever 1.000 1.000 each	levers an handles o
21	Providing and fixing a pair of anodised (approved quality wi	g bright finished anodic coating th necessary s	d brass 100 not less tha	Say 2.00 mm mortice n grade AC complete.	Net Total O no @ Rs statch and lo 10 as per IS Total	d Quantity al Quantity 59.11 / no ock, ISI mark 5: 1868) alur	0.000 no 2.000 no Rs 1 ked, with six minium lever	levers an handles o
21	Providing and fixing a pair of anodised (approved quality wi	g bright finished anodic coating th necessary s	d brass 100 not less that crews etc. c	Say 2.00 mm mortice n grade AC complete.	Net Tota O no @ Rs s latch and lo 10 as per IS Tota otal Deducte Net Tota	d Quantity al Quantity 59.11 / no ock, ISI mark 5: 1868) alur al Quantity d Quantity al Quantity	0.000 no 2.000 no Rs 1 ked, with six minium lever 1.000 1.000 each 0.000 each	levers and handles of
21	Providing and fixing a pair of anodised (approved quality wi	g bright finished anodic coating th necessary s	d brass 100 not less that crews etc. c	Say 2.00 mm mortice n grade AC complete. To	Net Tota O no @ Rs s latch and lo 10 as per IS Tota otal Deducte Net Tota	d Quantity al Quantity 59.11 / no ck, ISI mark 1 1868) alur al Quantity d Quantity al Quantity	0.000 no 2.000 no Rs 1 ked, with six minium lever 1.000 1.000 each 0.000 each	levers and handles of
	Providing and fixing a pair of anodised (approved quality wind Door	g bright finished anodic coating th necessary s	d brass 100 not less that crews etc. c	Say 2.00 mm mortice n grade AC complete. To	Net Tota O no @ Rs s latch and lo 10 as per IS Tota otal Deducte Net Tota	d Quantity al Quantity 59.11 / no ck, ISI mark 1 1868) alur al Quantity d Quantity al Quantity	0.000 no 2.000 no Rs 1 ked, with six minium lever 1.000 1.000 each 0.000 each	handles o
	Providing and fixing a pair of anodised (approved quality wind Door 50.9.15.1 Supplying and fixing	g bright finished anodic coating th necessary s	d brass 100 not less that crews etc. c	Say 2.00 mm mortice n grade AC complete. To	Net Total O no @ Rs s Iatch and lo 10 as per IS Total Otal Deducte Net Total	d Quantity al Quantity 59.11 / no ck, ISI mark 1 1868) alur al Quantity d Quantity al Quantity	0.000 no 2.000 no Rs 1 ked, with six minium lever 1.000 1.000 each 0.000 each 1.000 each Rs 8	handles o

					Net Tota	al Quantity	1.000 no	
				Say 1.000	no @ Rs 17	71.07 / no	Rs 1	71.07
23	50.9.15.3 Providing and fixing in	ron hooks and	d eyes : 200	mm.				
	Window W	1*3					3.000	
	Window W1	1*2					2.000	
					Tota	al Quantity	5.000 no	
				То	tal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	5.000 no	
				Say 5.00	0 no @ Rs ′	16.31 / no	Rs 8	31.55
24	50.9.15.5 Providing and fixing in	ron hooks and	d eyes: 100	mm T			I	
	Window W	1*3*2	W 6	B 50			6.000	
	Window W1	1*2*2	TO THE	53/1	1 4 7		4.000	
		1 A	11338	MIL!	Tota	al Quantity	10.000 no	
		Jalda		То	otal Deducte	d Quantity	0.000 no	
				an of	Net Tota	al Quantity	10.000 no	
		0.1	ngineeri	Say 10.00	0 no @ Rs		Rs 1	16.60
25	9.119 Providing and fixing made out of extruded long brackets of 15x1 mm M.S. square tub frame. The door fam manufacturer's spec	d 5 mm rigid 5 mm M.S. s e of 19 gaug ne to be fixed	PVC foam s quare tube, e, EPDM ru I to the wall	the vertical bber gasker using M.S.	d at corners door frame t weather so screws of	and joined profiles to be eal to be pr	with 2 Nos. e reinforced ovided thro	of 150 mr with 19x1 ugh out th
		1	5.100				5.100	
		"		·	Tota	al Quantity	5.100 met	re
				To	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	5.100 met	re
			Say	5.100 metre	@ Rs 575.0	03 / metre	Rs 29	32.65
26	9.120.1 Providing and fixing f 19 gauge thickness a frame shall have a comm thick heat mould	and sized of oat of oat of steel pr	19 mm x 19 imers of ap	mm for styl proved make	es and 15x e and manu	15 mm for t facture. M.S	op & bottom S. frame cov	n rails. M. ered with

rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mmx2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded /sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer -in-charge, manufacture's specification & drawing.30 mm thick plain PVC door shutters 1 2.100 0.900 1.891 **Total Quantity** 1.891 sqm **Total Deducted Quantity** 0.000 sqm **Net Total Quantity** 1.891 sqm Rs 6860.30 Say 1.891 sqm @ Rs 3627.87 / sqm 27 13.4.1 12 mm cement plaster of mix:1:4 (1 cement: 4 coarse sand) 3.300 46.200 Panel room 1 14.000 13.000 3.300 42.900 Generator room 1 Office 1 14.000 3.300 46.200 Outside 1 29.400 3.800 111.720 Floor of panel and ther Engianonrings.000 ganisations 12.000 generator room 3.500 3.000 10.500 1 2.000 3.000 6.000 toilet 1 1.400 3.000 4.200 Roof top 1 9.300 4.650 43.246 1 3.250 18.200 5.600 Doors 2 -1.0002.100 -4.200Window W 1 -1.6001.500 -2.400 1.500 Window W1 2 -1.100 -3.300 Rolling shutter 1 -1.5002.100 -3.1501 -2.000 1.000 -2.000 Generator platform 1 -6.000 1.000 Cable duct -6.000 **Total Quantity** 320.116 sqm **Total Deducted Quantity** 0.000 sqm **Net Total Quantity** 320.116 sqm Say 320.116 sqm @ Rs 237.02 / sqm Rs 75873.89

28	13.16.1 6 mm cement plaster of	of mix:1:3 (1 cement · 3 f	fine sand)			
	Panel room	1	4.000	3.000		12.000	
	Generator room	1	3.500	3.000		10.500	
	Office	1	4.000	3.000		12.000	
	Slab projection	1	31.800	1.000		31.800	
	Sunshade	1	2.100	0.700		1.470	
		1	2.100	0.700		1.470	
					Total Quar	tity 69.240 s	qm
			100	To	tal Deducted Quar	tity 0.000 sq	m
			166	166	Net Total Quar	tity 69.240 s	qm
			Say	/ 69.240 sqı	m @ Rs 188.46 / so	qm Rs 1	3048.97
	Applying one coat of surface:Water thinna Qty vide spec	ble cemen	t primer				
	Qty vide spec	1	69.240			69.240	
	Qty vide ispec	1 ther E	309.916	no Oro	anisations	309.916	
					Total Quar	atity 379.156	sqm
		$P_{\underline{}}$	R	To	otal Deducted Quar	otity 0.000 sq	m
	-				Net Total Quar	atity 379.156	sqm
			Say	/ 379.156 s	qm @ Rs 48.43 / so	qm Rs 1	8362.53
30	13.46.1 Finishing walls with Ac @ 1.67 ltr/10 sqm ove	•	•	•		•	
	Outside wall	1	111.720			111.720	
					Total Quar	tity 111.720	sqm
				To	tal Deducted Quar	otity 0.000 sq	m
					Net Total Quar	tity 111.720	sqm
			Say	111.720 sqı	m @ Rs 125.88 / so	qm Rs 1	4063.31
31	13.48.3 Finishing with Delux manufacturers specific Two or more coat app approved brand and n	ations:Pair lied @ 0.9	nting Steel wo 0 ltr/10 sqm o	ork with Del	uxe Multi Surface F	Paint to give an	even sha

	Door	1	1.000	2.100	2.25	4.726	
	Window	1	1.100	1.500		1.651	
	Rolling shutter	1	1.500	2.100		3.151	
	Grills	1	3.000	0.600		1.800	
		1	3.500	0.600		2.100	
		1	4.000	0.600		2.400	
		2	1.200	0.600		1.440	
				Tota	al Quantity	17.268 sq	m
				Total Deducte	d Quantity	0.000 sqm	1
			0.0	Net Tota	al Quantity	17.268 sq	m
			Say 17.2	268 sqm @ Rs 111	.07 / sqm	Rs 19	17.96
	Wall painting with acry or more coats on new Qty vide Spec. No	work	69.240	a drand and manu	lacture to g	69.240	snade:
	13.16.1	104	00.240	3374254	plant.	00.240	
	Qty vide Spec. No 13.4.1	. 1	320.116			320.116	
		Other E	ngineering	Organisa T et	al Quantity	389.356 s	qm
	-		DI	Total Deducte	d Quantity	0.000 sqm	1
			K	Net Tota	al Quantity	389.356 s	qm
	ed		Say 389.3	356 sqm @ Rs 110	.68 / sqm	Rs 43	093.92
33	13.62.1 Painting with synthetic	•				•	_
	even shade:Two or mapproved brand and n						
	even shade:Two or m			2.100	2.25	4.726	
	even shade:Two or mapproved brand and n	nanufacture				4.726 2.401	
	even shade:Two or mapproved brand and no	nanufacture 1	1.000	2.100			
	even shade:Two or mapproved brand and no Door Window W	nanufacture 1 1	1.000	2.100 1.500 1.500		2.401	1
	even shade:Two or mapproved brand and no Door Window W	nanufacture 1 1	1.000	2.100 1.500 1.500	2.25	2.401 1.651	
	even shade:Two or mapproved brand and no Door Window W	nanufacture 1 1	1.000	2.100 1.500 1.500 Total	2.25	2.401 1.651 8.778 sqm	1

35 1 F	Step toilet	1	2.600	1.100			2.861	
35 1 F		1	2.000	1.400				
F							2.800	ı
F					Tota	I Quantity	19.851 sqr	m
F				To	otal Deducted	d Quantity	0.000 sqm	1
F					Net Tota	I Quantity	19.851 sqr	m
F			Say	y 19.851 sqı	m @ Rs 980	.20 / sqm	Rs 19	457.95
a	litre low level white vit flush bend, overflow approved municipal de the walls and floors wh	arrangeme esign compl	ent with spec ete, including	cials of star g painting of	ndard make fittings and	and mosq brackets, cu	quito proof outting and matic seat and	coupling aking go
		1/57			Tab	I O constitue	1.000	
		1				I Quantity	1.000 each	
			10.00 mg	10	otal Deducted	I Quantity	0.000 each	
		ther E	ngineeri	ng Org)20.57
F C V	17.7.3 Providing and fixing ware of standard pattern, was wherever require:Whispillar taps	including p	ainting of fit	tings and b	orackets, cu	tting and n	making good	d the wa
		1					1.000	
					Tota	I Quantity	1.000 each	h
				To	otal Deducted	d Quantity	0.000 each	h
					Net Tota	l Quantity	1.000 each	h
			Say	1.000 each	@ Rs 2746.	10 / each	Rs 27	46.10
F	50.18.7.4.1 Providing and fixing Fincludes jointing of piper direction of Engine	oes & fitting	s with one st	tep PVC so	lvent cemen	t and testin	g of joints c	_
		1	50.000				50.000	

	Net Total Quantity	50.000 metre
	Say 50.000 metre @ Rs 234.11 / metre	Rs 11705.50
38	50.18.9.22.4 Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, incl solvent cement- 110 mm dia Bend	uding jointing with PV0
	2	2.000
	Total Quantity	2.000 no
	Total Deducted Quantity	0.000 no
	Net Total Quantity	2.000 no
	Say 2.000 no @ Rs 154.09 / no	Rs 308.18
39	50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps a includes jointing of pipes with one step PVC solvent cement and testing of direction of Engineer-in-Charge. Concealed work, including cutting chased and m 110 mm pipe 6kgf/cm2	joints complete as pe
	1 20.000	20.000
	Total Quantity	20.000 metre
	Total Deducted Quantity	0.000 metre
		0.000 1110110
	Net Total Quantity	20.000 metre
	Net Total Quantity Other Engineering 20.000 metre @ Rs 574.32 / metre	
40		20.000 metre Rs 11486.40 ank :ISI 12701 market
40	18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage t with cover and suitable locking arrangement and making necessary holes for in	20.000 metre Rs 11486.40 ank :ISI 12701 market
40	Other Engineer 20.000 metre @ Rs 574.32 / metre 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage twith cover and suitable locking arrangement and making necessary holes for in pipes but without fittings and the base support for tank.	20.000 metre Rs 11486.40 ank :ISI 12701 marked let, outlet and overflow
40	Other Engineer Say 20.000 metre @ Rs 574.32 / metre 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage twith cover and suitable locking arrangement and making necessary holes for in pipes but without fittings and the base support for tank.	20.000 metre Rs 11486.40 ank :ISI 12701 marked let, outlet and overflow 1000.000
40	Other Engineer Say 20.000 metre @ Rs 574.32 / metre 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage to with cover and suitable locking arrangement and making necessary holes for in pipes but without fittings and the base support for tank. 1000 Total Quantity	20.000 metre Rs 11486.40 ank :ISI 12701 marked let, outlet and overflow 1000.000 1000.000 Litre
40	Other Engineer Say 20.000 metre @ Rs 574.32 / metre 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage to with cover and suitable locking arrangement and making necessary holes for in pipes but without fittings and the base support for tank. 1000 Total Quantity Total Deducted Quantity	20.000 metre Rs 11486.40 ank :ISI 12701 markedlet, outlet and overflood 1000.000 1000.000 Litre 0.000 Litre
40	Other Engineer Say 20.000 metre @ Rs 574.32 / metre 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage to with cover and suitable locking arrangement and making necessary holes for in pipes but without fittings and the base support for tank. 1000 Total Quantity Net Total Quantity	20.000 metre Rs 11486.40 ank :ISI 12701 marked let, outlet and overflow 1000.000 1000.000 Litre 0.000 Litre 1000.000 Litre Rs 9500.00 ge, trenching, placing and charge (Provision for
	Say 20.000 metre @ Rs 574.32 / metre 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage to with cover and suitable locking arrangement and making necessary holes for in pipes but without fittings and the base support for tank. 1000 Total Quantity Total Deducted Quantity Net Total Quantity Say 1000.000 Litre @ Rs 9.50 / Litre 51.19.ST1 Supplying and installing ready made PVC Septic tank including the cost of carriage the level below ground level as specified as per the direction of engineer in CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid septimes.	20.000 metre Rs 11486.40 ank :ISI 12701 marked let, outlet and overflow 1000.000 1000.000 Litre 0.000 Litre 1000.000 Litre Rs 9500.00 ge, trenching, placing and charge (Provision for
	18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage the with cover and suitable locking arrangement and making necessary holes for impipes but without fittings and the base support for tank. 1000 Total Quantity Total Deducted Quantity Net Total Quantity Say 1000.000 Litre @ Rs 9.50 / Litre 51.19.ST1 Supplying and installing ready made PVC Septic tank including the cost of carriage the level below ground level as specified as per the direction of engineer in CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid seg 1. Below 15 flush capacity	20.000 metre Rs 11486.40 ank :ISI 12701 marked let, outlet and overflow 1000.000 1000.000 Litre 0.000 Litre 1000.000 Litre Rs 9500.00 ge, trenching, placing a charge (Provision for parately)

					Net Tota	al Quantity	1.000 eac	h
			Say 1	.000 each @	® Rs 17003.	.20 / each	Rs 17	003.20
42	11.36 Providing and fixing specified by the manublack of any size as a thick bed of cement mer sqm, including po	ufacturer), of approved by E nortar 1:3 (1 o	approved n Engineer -in- cement : 3 c	nake, in all o -Charge, in s coarse sand)	colours, shad skirting, rise) and jointing	des except rs of steps a g with grey	burgundy, b and dados, c cement slur	ottle greer over 12 mn ry @ 3.3 kç
		2	2.000	1.800			7.200	
		2	1.400	1.800			5.040	
					Tota	al Quantity	12.240 sq	m
			(Ca)	To	otal Deducte	d Quantity	0.000 sqm	1
			-51	116	Net Tota	al Quantity	12.240 sq	m
		1	Sa	y 12.240 sqr	m @ Rs 976	5.13 / sqm	Rs 11	947.83
	Supplying and fixing together through thei designed pipe shaft wand pull operation cosprings manufactured	r entire lengt vith brackets, omplete, incl d from high te	h and jointe side guides uding the c ensile steel	ed together a and arrange ost of provi wire of ade	at the end be ments for ind ding and fix quate streng	y end locks nside and or king necess gth conform	, mounted outside locking ary 27.5 cring to IS: 44	on speciall g with pus n long wire 154 - part
	together through thei designed pipe shaft w and pull operation co	r entire lengt vith brackets, omplete, incl d from high te	h and jointe side guides uding the c ensile steel	ed together a and arrange ost of provi wire of ade	at the end bements for inding and fix quate strengers, 80x1.20	y end locks nside and or king necess ofth conform mm M.S. la	mounted cutside locking ary 27.5 cring to IS: 44 aths with 1.2	on speciall g with pus n long wir 154 - part 10 mm thic
	together through thei designed pipe shaft w and pull operation co springs manufactured and M.S. top cover of top cover	r entire lengt vith brackets, omplete, incl d from high te	h and jointe side guides uding the c ensile steel ckness for i	ed together a and arrange ost of provi wire of adec colling shutte	at the end bements for inding and fix quate strengers, 80x1:20	y end locks nside and or king necess gth conform mm M.S. la	3.151 sqm	on specially g with pusl n long wire 154 - part 10 mm thick
	together through thei designed pipe shaft w and pull operation co springs manufactured and M.S. top cover of top cover	r entire lengt vith brackets, omplete, incl d from high te	h and jointe side guides uding the c ensile steel ckness for i	ed together a and arrange ost of provi wire of adec colling shutte	at the end between the end between the end of the end o	y end locks nside and or king necess gth conform mm M.S. la	3.151 sqm	on speciall g with pus n long wire 154 - part 0 mm thic
	together through thei designed pipe shaft w and pull operation co springs manufactured and M.S. top cover of top cover	r entire lengt vith brackets, omplete, incl d from high te	h and jointe side guides uding the d ensile steel ckness for i	and arrange ost of provi wire of adec colling shutte	at the end between the end between the form of the end	y end locks nside and or king necess gth conform mm M.S. la al Quantity d Quantity al Quantity	3.151 sqm	on speciall g with pus n long wire 154 - part 0 mm thic
44	together through thei designed pipe shaft w and pull operation co springs manufactured and M.S. top cover of top cover	r entire lengt vith brackets, omplete, including from high te frequired this at iron hold fand embedding.	h and jointed side guides uding the consile steel ckness for in 1.500 Salest 40 cm longs in ceme	and arrange ost of provi wire of adecolling shutter of a	at the end be ements for ir ding and fix quate strengers.80x1.20 2.100 Total Deducte Net Total (a) Rs 2413 fixing to frame block 30x1	y end locks nside and or king necess gth conform mm M.S. la al Quantity d Quantity al Quantity al Quantity me with 10 r	3.151 sqm 3.151 sqm Rs 76	on specially g with puston long wire 154 - part 150 mm thic 150 mm
44	together through thei designed pipe shaft wand pull operation consprings manufactured and M.S. top cover of top cover. Rolling shutter 9.53 Providing 40x5 mm flat and wooden plugs and wooden plugs and designed shaft was a single construction.	r entire lengt vith brackets, omplete, including from high te frequired this at iron hold fand embedding.	h and jointed side guides uding the consile steel ckness for in 1.500 Salest 40 cm longs in ceme	and arrange ost of provi wire of adecolling shutter of a	at the end be ements for ir ding and fix quate strengers.80x1.20 2.100 Total Deducte Net Total (a) Rs 2413 fixing to frame block 30x1	y end locks nside and or king necess gth conform mm M.S. la al Quantity d Quantity al Quantity al Quantity me with 10 r	3.151 sqm 3.151 sqm Rs 76	on specially g with puston long wire 154 - part 150 mm thic 150 mm
44	together through thei designed pipe shaft wand pull operation consprings manufactured and M.S. top cover of top cover. Rolling shutter 9.53 Providing 40x5 mm flat and wooden plugs and coarse sand: 6 grades.	r entire lengt vith brackets, omplete, including from high te frequired this at iron hold fand embeddingled stone agging in the control of th	h and jointed side guides uding the consile steel ckness for in 1.500 Salest 40 cm longs in ceme	and arrange ost of provi wire of adecolling shutter of a	at the end be ements for ir ding and fix quate strengers.80x1.20 2.100 Total Deducte Net Total (a) Rs 2413 fixing to frame block 30x1	y end locks nside and or king necess gth conform mm M.S. la al Quantity d Quantity al Quantity al Quantity me with 10 r	3.151 sqm 0.000 sqm 3.151 sqm Rs 76	on speciall g with pus in long wir 454 - part 20 mm thic in 15604.43
44	together through thei designed pipe shaft wand pull operation consprings manufactured and M.S. top cover of top cover. Rolling shutter 9.53 Providing 40x5 mm flat and wooden plugs and coarse sand: 6 grade.	at iron hold fand embeddinded stone age	h and jointed side guides uding the consile steel ckness for in 1.500 Salest 40 cm longs in ceme	and arrange ost of provi wire of adecolling shutter of a	at the end bements for ir ding and fix quate strengers.80x1.20 2.100 Total Deducte Net Total (a) Rs 2413 fixing to frar block 30x1 al size)	y end locks nside and or king necess gth conform mm M.S. la al Quantity d Quantity al Quantity al Quantity me with 10 r	3.151 sqm 0.000 sqm 3.151 sqm Rs 76	on speciall g with pus in long wir 454 - part to mm thic in in 1604.43 r bolts, nut cement :
44	together through thei designed pipe shaft wand pull operation consprings manufactured and M.S. top cover of top cover. Rolling shutter 9.53 Providing 40x5 mm flat and wooden plugs and coarse sand: 6 grade.	at iron hold fand embeddinded stone age	h and jointed side guides uding the consile steel ckness for in 1.500 Salest 40 cm longs in ceme	and arrange ost of provi wire of adecolling shutter of a	at the end bements for ir ding and fix quate strengers.80x1.20 2.100 Total Deducte Net Total (a) Rs 2413 fixing to frar block 30x1 al size)	y end locks nside and or king necess gth conform mm M.S. la al Quantity d Quantity al Quantity al Quantity me with 10 r 0x15 cm 1:	3.151 sqm 0.000 sqm 3.151 sqm Rs 76 mm diamete 3:6 mix (1	on specially g with push n long wire 454 - part 10 mm thic 10 mm t
44	together through thei designed pipe shaft wand pull operation consprings manufactured and M.S. top cover of top cover. Rolling shutter 9.53 Providing 40x5 mm flat and wooden plugs and coarse sand: 6 grade.	at iron hold fand embeddinded stone age	h and jointed side guides uding the consile steel ckness for in 1.500 Salest 40 cm longs in ceme	and arrange ost of provi wire of adecolling shutter of a	at the end bements for ir ding and fix quate strengers.80x1.20 2.100 Total Deducte Net Total fixing to frar block 30x1 al size) Total Deducte Total Deducte	y end locks nside and or king necess gth conform mm M.S. la al Quantity d Quantity al Quantity al Quantity me with 10 r 0x15 cm 1:	3.151 sqm 0.000 sqm 3.151 sqm Rs 76 mm diamete 3:6 mix (1 8.000 14.000 ea	on specially g with push n long wire 454 - part 100 mm thic 100 mm

45	gusset plates at th	e junctions an	d corners, al	loor with frame of 40 I necessary fittings o gels 40x40x6 mm for	complete, inclu	ding applyin	
	Door D	1	1.000	2.100)	2.100	
			•		Total Quantity	2.100 sqm	1
				Total Dedu	ucted Quantity	0.000 sqm	Ì
				Net ⁻	Total Quantity	2.100 sqm	1
			Sa	y 2.100 sqm @ Rs 3	761.75 / sqm	Rs 78	399.68
46				d in built up section ng a priming coat of			
			-5	Stair Case			
	Structural St staircase to operating platfo having dimension 3mx1m @ 15kg	orm, 1 ons	3.000	1.000	15.0	45.000	
		7		10 01 12	Total Quantity	45.000 kg	
		O41	Hai		ucted Quantity	0.000 kg	
		Otner E	ngineeri	ng Organisa Net	Total Quantity	45.000 kg	
				Say 45.000 kg @	Rs 88.66 / kg	Rs 39	89.70
SI No	Description	No	L	B D	CF	Quantity	Remark
1	od73181/2019_202 RING BUND Type empty gunny /poly between with pudd piles of 6m heigh minimum driving le with MS flats and a	20 -1 Putting up rithene bags fill le clay to form to (400x185x7) angth of 4m orangles wherevere	ring bund as led with earth the bund for .5/8.5 or equ n sandy bed rer necessary	per approved shape n placed in required an average height of ualant-confirming to for ensuring sufficient including dismantling ted by the departme	e 8m bottom wide no of raws at 1 of 3m including of IS 2314-1986 ont anchorage ang the bund,dri	.80m apart a driving Z typ 6) driven on and horizont iven out she	and filled i e MS shee e raw wit ally brace
	Long Bunds	2	58.000			116.000	
			•		Total Quantity	116.000 m	netre
				Total Dedu	ucted Quantity	0.000 met	re
				Net ⁻	Total Quantity	116.000 m	netre
			Say 116.0	000 metre @ Rs 214	26.33 / metre	Rs 248	5454.28

	RING BUND Type-I-Pu empty gunny/polythene puddle clay to form be completion of the wor	e bags fille und for an	d with earth average he	placed in 2	2 rows at 1	m apart and	d filled in be	tween w
	Cross Bunds	4	36.000				144.000	
			•		Tota	al Quantity	144.000 m	netre
				То	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	144.000 m	netre
			Say 144.	000 metre	® Rs 2186.4	19 / metre	Rs 314	1854.56
3	od73180/2019_2020 Bailing out water Usi conveyance to site and	•				•		
			Ва	iling out wa	ter			
	3 pumps 175 days 8 hours	3*175*8	¥ 2	K Z			4200.000	
		18		MAL ?	Tota	al Quantity	4200.000	hour
		102	L.	To	tal Deducte	d Quantity	0.000 hou	r
		TUE			Net Tota	al Quantity	4200.000	hour
			Say 42	200.000 hou	ır @ Rs 232	.74 / hour	Rs 977	7508.00
	od73184/2019_2020 Bailing out water using above 10 hp and up to other stores,pay of starting	20hp ,inclu	iding conve		· III	A.	_	
			Ra	411				
				iling out wa	ter		<u> </u>	
	2 pumps 6 months 25 days 8 hours	2*6*25*8		illing out wa	ter		2400.000	
		2*6*25*8		uling out wa		al Quantity	2400.000 2400.000	hour
		2*6*25*8				•		
		2*6*25*8			Tota tal Deducte	•	2400.000	r
		2*6*25*8			Tota tal Deducte Net Tota	d Quantity	2400.000 0.000 hou 2400.000	r
5		pump abov 40hp ,inclu	Say 24 e 30 HP and	To 400.000 hou d up to 40 H	Tota tal Deducte Net Tota Ir @ Rs 328	d Quantity al Quantity .61 / hour	2400.000 0.000 hou 2400.000 Rs 788	hour 8664.00
5	od73195/2019_2020 Bailing out water using above 30 hp and up to	pump abov 40hp ,inclu	Say 24 e 30 HP and liding conve	To 400.000 hou d up to 40 H	Totatal Deducte Net Totatar @ Rs 328 P -Bailing ce and erect	d Quantity al Quantity .61 / hour	2400.000 0.000 hou 2400.000 Rs 788	hour 8664.00
5	od73195/2019_2020 Bailing out water using above 30 hp and up to	pump abov 40hp ,inclu	Say 24 e 30 HP and liding conve	To 400.000 hou d up to 40 H yance to sit	Totatal Deducte Net Totatar @ Rs 328 P -Bailing ce and erect	d Quantity al Quantity .61 / hour	2400.000 0.000 hou 2400.000 Rs 788	r hour 8664.00 d pump

					Tota	al Quantity	1200.000	hour
				То	tal Deducte	d Quantity	0.000 hou	r
					Net Tota	al Quantity	1200.000	hour
			Say 1	200.000 hou	ır @ Rs 727	7.70 / hour	Rs 87	3240.00
6	12.25.6 Bored cast-in-situ M35 g Drawing and Technical s Pile diameter-1200 mm Refer D	Specification	ons and rem	•	vated earth	with all lifts	and lead up	•
	Pile under pier P1 to P3	3*6	17.700				318.600	
	Pile under left abutment	5*3	18.600				279.000	
	Pile under right abutment	5*3	18.600	37	1		279.000	
		15	11511	30%(Tota	al Quantity	876.600 n	netre
		ahr	LKO	То	tal Deducte	d Quantity	0.000 met	re
		100			Net Tota	al Quantity	876.600 n	netre
				600 metre @			Rs 1412	24498.01
7	12.22 Providing Steel Liner 10 Setting out as per Detail	mm thick f	or Curbs an	ng Orga d 6 mm thick			ncluding Fab	ricating ar
				Steel Liner				
	Pile Under Pier P1	2*3	2.800	3.14*1.2	0.006	7.85	2.982	
	Pile Under Pier P2	2*3	1.200	3.14*1.2	0.006	7.85	1.278	
	Pile Under Pier P3	2*3	2.600	3.14*1.2	0.006	7.85	2.769	
	Pile under left abutment	5*3	1.900	3.14*1.2	0.006	7.85	5.058	
	Pile under right abutment	5*3	3.600	3.14*1.2	0.006	7.85	9.584	
					Tota	al Quantity	21.671 M	Γ
				То	tal Deducte	d Quantity	0.000 MT	
					Net Tota	al Quantity	21.671 M	Γ
			Sa	y 21.671 MT	@ Rs 9255	9.33 / MT	Rs 200	5853.24
8	od73177/2019_2020 Earth work in excavat	ion by me	echanical m	neans (Hydr	aulic exca	vator)/man	ual means	over area

	Levelling site	1	54.000	50.000	0.750		2025.000	
	Clearing site upto bed level	1	54.000	30.000	1.050		1701.000	
	Cuttting for gabion portion d/s	1	51.600	8.000	1.000		412.800	
	Solid apron d/s side	1	51.600	4.000	1.000		206.400	
	Solid apron center portion	1	51.600	4.000	1.300		268.320	
	Solid apron u/s side	1	51.600	3.500	1.800		325.080	
	Solid apron u/s side	1	51.600	3.500	1.000		180.600	
	Cutting for gabion portion u/s	1-7	51.600	3.000	1.000		154.800	
	Cutting for cuttoffwall	2	51.600	0.300	2.000		61.920	
	Levelling concrete below pile cap	3	11.800	4.100	0.100	L	14.514	
	For sand cushion below apron U/S	1	51.600	3.500	0.400		72.240	
	For sand cushion at centre portion	ther Er	gineeri 51.600	ng Orga	anisatio 0.400	ns	72.240	
	For sand cushion below apron D/S	1	51.600	8.000	0.400		165.120	
	pile cap for abutment	2	13.000	7.000	1.800		327.600	
	abutment side cutting	2	13.000	.5*(7.000+ 1.2)/2	8.820		470.106	
	pile cap at centre	-3	11.500	3.900	1.800		-242.190	
					Tota	l Quantity	6215.550	cum
				То	tal Deducted	d Quantity	0.000 cum	1
					Net Tota	l Quantity	6215.550	cum
			Say 6	6215.550 cur	n @ Rs 182	.53 / cum	Rs 113	4524.3
9	12.39 Providing and laying of	PCC M15 I	eveling cour	se 100 mm	thick below t	he pile cap		
	Levelling concrete under piers P1 to P3	3	11.700	4.100	0.100		14.391	
	Levelling concrete		13.000	7.000	0.100		18.200	

	piles deduction from piers	3*6	3.140	(0.60*0.60	0.100		-2.034	
	piles deduction from Abutment	2*15	3.140	(0.60*0.60	0.100		-3.391	
					Tota	al Quantity	32.591 cu	m
				То	tal Deducte	d Quantity	-5.425 cur	n
					Net Tota	al Quantity	27.166 cu	m
			Say	27.166 cum	@ Rs 7209	9.09 / cum	Rs 195	842.14
10	12.8.A.1 Plain/Reinforced Cem Specifications. PCC Grade M15	nent Concr	ete in Ope	n Foundatio	on complet	e as per D	rawing and	Technica
	Solid apron - center portion	1	51.600	4.800	1.800		445.824	
	Solid apron D/s	61	51.600	3.500	1.300		234.780	
	Solid apron D/s	1	51.600	4.000	1.000		206.400	
	Solid apron U/s	101	51.600	3.500	1.000	1	180.600	
	Cuttoff wall	2	51.600	0.300	2.000		61.920	
	Deduction for pile cap	3	4.000	3.900	1.800		-84.240	
	Deduction for Abutment	ther Er	13.000 -	ng Orga 1.000	1.800	ns 7	-46.800	
					Tota	al Quantity	1129.524	cum
				То	tal Deducte	d Quantity	-131.040	cum
					Net Tota	al Quantity	998.484 c	um
			Say 9	998.484 cum	@ Rs 7504	1.48 / cum	Rs 749	3103.21
11	12.38.B.2 Cement Concrete for Specification R C C Grade M-25 - Us					·	rawing and	Technica
	weir between piers	4	12.000	(2.0+2.9)/	0.500		58.801	
	pile cap for piers	3	11.500	3.900	1.800		242.190	
	pile cap for abutments	2	13.000	7.000	1.800		327.600	
					Tota	al Quantity	628.591 c	ıım
						ar Quarrinty		<u> </u>
				То	ital Deducte		0.000 cum	

			Say 6	28.591 cum	@ Rs 8120.	67 / cum	Rs 510	4580.08
12	13.5.F.P.2 Plain/Reinforced cemer RCC Grade M25 - With			•	-	•	•	ecifications
	Pier for shutter circular portion	3	3.142	2*2/4	5.000		47.130	
	Do Middle portion	3	2.000	2.000	5.000		60.000	
	Small Circular Pier	3	3.140	1.5*1.5/4	5.000		26.494	
	Brace between piers	3*1	4.880	0.400	0.400		2.343	
	Haunch	3*4	0.400	0.50*0.3	0.300		0.216	
	Abutment-End counterfort	2*2	4.600	0.500	5.000		46.000	
	Middle counterfort	2*4	(4.6+1.86) /2*5		0.500		64.600	
	stem	2	13.000	1.200	5.000		156.000	
	Deduct for grooves	8	0.600	0.600	5.000		-14.399	
		144			Tota	I Quantity	402.783 c	um
				To	tal Deducted	I Quantity	-14.399 cı	um
		ther Er	oinori	na Ora	Net Tota	I Quantity	388.384 c	um
		uici Ei	Say 3	88.384 cum	@ Rs 8560.	45 / cum	Rs 332	4741.81
13	13.5.F.q.2 Plain/Reinforced cemer RCC Grade M25 - With					_	•	ecifications
	Pier for shutter circular portion	3	3.140	2*2/4	2.620		24.681	
	Do Middle portion	3	2.000	2.000	2.620		31.440	
	Raised pier	3	2.000	2.000	4.700		56.401	
	Small Circular Pier	3	3.140	1.5*1.5/4	2.620		13.883	
	Shutter Operation Pier above Abutment	2	1.200	2.000	3.900		18.720	
	Pier Cap	3	9.500	2.000	1.200		68.400	
	Abutment-End counterfort	2*2	4.600	0.500	3.420		31.464	
	Middle counterfort	2*4	3.42*1.86/ 2	5.000	0.500		63.612	
	stem	2	13.000	1.200	3.420		106.704	

	Cut Water Portion	3	(1/3)	3.14*1*1	1.000		3.140	
	Tapered Portion on top	3*2	0.600	.25/2	2.000		0.900	
	Additional Portion in top	3*2	0.400	0.250	2.000		1.201	
	Dirt wall-Horizontal leg	1	9.770	1.200	0.400		4.690	
	Dirt wall-Vertical leg	1	9.770	1.550	0.400		6.058	
	Deduction for Groves	8	0.600	0.600	7.320		-21.081	
					Tota	al Quantity	431.294 c	um
				To	tal Deducte	d Quantity	-21.081 cu	ım
			C	: Me	Net Tota	al Quantity	410.213 c	um
			Say 4	110.213 cum	@ Rs 8840).60 / cum	Rs 362	6529.05
	13.5.H.q.2 For Footpath	4*25	1.340	0.600	0.100	1	8.041	
	Concrete Pump as pe	r drawing a	and Technic	cal Specifica	ation. h	Height 5m t	o 10m as p	er MORT
		/*25	1 3/10	0.600	0.100		8.0/1	
	For Kerb K1	4*1	15.100	0.475	0.275		7.890	
	Kerb K2	4*1	15.100	0.375	0.275		6.229	
	Kerb K3	ther Er 4*1 _	15.100	ng Orga 0.225	anisat10 0.275	ns	3.738	
	For kerb	4*2	15.100	0.075	0.100			
	II OI VEID			0.073	0.100		-0.905	
	TOT KEID	, <u> </u>		0.073		al Quantity	-0.905 25.898 cu	m
	T OF REID							
	T OF REID				Tota		25.898 cu	n
	T OF REID				Tota tal Deducte Net Tota	d Quantity	25.898 cu -0.905 cur 24.993 cu	n
15	od228931/2020_2021 Furnishing and Placing drawing and Technica 14.1D.2.2.C	RCC Grad	Say e M40 Usin	To 24.993 cum g Batching F	Total Deducte Net Total @ Rs 7107 Plant, Transi	d Quantity al Quantity 7.17 / cum	25.898 cu -0.905 cur 24.993 cu Rs 177	m 7629.50 ump as p
15	od228931/2020_2021 Furnishing and Placing drawing and Technica	RCC Grad	Say e M40 Usin	To 24.993 cum g Batching F	Total Deducte Net Total @ Rs 7107 Plant, Transi	d Quantity al Quantity 7.17 / cum	25.898 cu -0.905 cur 24.993 cu Rs 177	m 7629.50 ump as p
15	od228931/2020_2021 Furnishing and Placing drawing and Technica 14.1D.2.2.C	RCC Grad	Say e M40 Using ation. F	To 24.993 cum g Batching F for T-beam	Total Deducte Net Tota @ Rs 7107 Plant, Transi & slab - He	d Quantity al Quantity 7.17 / cum	25.898 cu -0.905 cur 24.993 cu Rs 177 Concrete Po 10m as po	m 7629.50 ump as p
15	od228931/2020_2021 Furnishing and Placing drawing and Technica 14.1D.2.2.C Deck slab	RCC Grad	Say e M40 Using ation. F	24.993 cum g Batching F or T-beam	Total Deducte Net Tota @ Rs 7107 Plant, Transi & slab - He	d Quantity al Quantity 7.17 / cum	25.898 cu -0.905 cur 24.993 cu Rs 177 Concrete P 10m as p	m 7629.50 ump as p
15	od228931/2020_2021 Furnishing and Placing drawing and Technica 14.1D.2.2.C Deck slab End diaphram	RCC Grad al Specifica 4*1 4*6	Say e M40 Using ation. ation. 14.000 2.200	24.993 cum g Batching F or T-beam 9.770 0.300	Total Deducte Net Total @ Rs 7107 Plant, Transil & slab - He 0.225 0.650	d Quantity al Quantity 7.17 / cum	25.898 cu -0.905 cur 24.993 cu Rs 177 Concrete P 10m as per 123.102 10.297	m 7629.50 ump as p
15	od228931/2020_2021 Furnishing and Placing drawing and Technica 14.1D.2.2.C Deck slab End diaphram Girder top trapezoidal	RCC Grad al Specifica 4*1 4*6 4*4	Say e M40 Using ation. ation. 14.000 2.200 13.600	24.993 cum g Batching F or T-beam 9.770 0.300 0.3+0.5	Total Deducte Net Total @ Rs 7107 Plant, Transil & slab - Hi 0.225 0.650 0.10/2	d Quantity al Quantity 7.17 / cum	25.898 cu -0.905 cur 24.993 cu Rs 177 Concrete P 10m as p 123.102 10.297 8.704	m 7629.50 ump as p

			1					
	pedestal	4*8	0.600	0.600	0.300		3.456	
					Tota	al Quantity	227.378 c	um
				То	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	227.378 c	um
			Say 2	227.378 cum	@ Rs 8498	3.31 / cum	Rs 193	2328.73
16	55.25 Lifting, conveying and position including all la	_	-		•	-	•	of drair
	For Footpath	4*25	1.340	0.600	0.100		8.041	
					Tota	al Quantity	8.041 cum) 1
			m.	То	tal Deducte	d Quantity	0.000 cum	<u> </u>
			1/1			al Quantity	8.041 cum	
			Sa	y 8.041 cum	A. Tomas			778.88
17	14.9	619	90	, 5.5 T. Gain	2 .10 1001	.,	1.0.14	3.30
.,	Drainage Spouts compl	lete as per o	drawing and	Technical s	pecification			
		4*9		150	عراؤي	_	36.000	
		400			Tota	al Quantity	36.000 no	II.
			No.	То	tal Deducte	d Quantity	0.000 no	
	0	ther En	gineeri		an Net Tota	-	36.000 no	
				Say 36.000 r	7		Rs 162	2468.00
18	od73204/2019_2020	\vdash		,		,	110 102	
	Supply, Fitting and Pla Reinforcement in Foun MORTH specification<	dation comp	-	,	•		•	
	Concrete Pile (Iteam No : 7)	1	912.900	3.14*1.2*1		0.1	103.195	
					Tota	al Quantity	103.195 M	1T
				То	tal Deducte	d Quantity	0.000 MT	
					Net Tota	al Quantity	103.195 M	1T
			Sav	103.195 MT	@ Rs 9156	6.73 / MT	Rs 944	9228.70
	ad72202/2010, 2020							
19	od73202/2019_2020 Supply, Fitting and Pla Reinforcement in Foun MORTH specifications	dation com	-	,	•		•	
19	Supply, Fitting and Pla Reinforcement in Foun	dation com	-	,	•		•	

Construction of RCC railing of M40 Grade in-situ with 20 mm nominal size aggregate, true to line a grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete per approved drawings and technical specifications. as per MORTH 14.7 Handrail for deckslab 2 54.000 1.100 118.801 Total Quantity 118.801 metre Total Deducted Quantity 0.000 metre Net Total Quantity 118.801 metre Say 118.801 metre @ Rs 1933.80 / metre Rs 229737.37									
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Total Quantity 93.697 MT Total Deducted Quantity 0.000 MT Net Total Quantity 93.697 MT Say 93.697 MT @ Rs 91842.80 / MT Rs 8605394.83 20 od241904/2020_2021 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in substructure complete as per Drawing and Technical Specifications and as per 13.6 MORTH specifications item no:12 388.384 0.15 58.258 MT Total Deducted Quantity 58.258 MT Total Deducted Quantity 58.258 MT Say 58.258 MT @ Rs 91842.80 / MT Rs 5350577.84 21 od73207/2019_2020 Construction of RCC railing of M40 Grade in-situ with 20 mm nominal size aggregate, true to line a grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertice post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete per approved drawings and technical specifications. as per MORTH 14.7 Handrail for deckslab 2 \$4.000 1.100 118.801 metre Say 118.801 metre @ Rs 1933.80 / metre Rs 229737.37 22 od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in super structure complete as per Drawing and Technical Specifications and as per 14 of MORTH specification-ctr> Deck slab & girder 220.850 0.15 33.128 foot path & kerb 24.993 0.15 3.749 item no:13 410.213 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 98.409 MT Total Deducted Quantity 98.409 MT		pile cap for piers	242.190				0.12	29.063	
Total Deducted Quantity Net Total Quantity 93.697 MT Say 93.697 MT @ Rs 91842.80 / MT Rs 8605394.83 20 od241904/2020_2021 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in substructure complete as per Drawing and Technical Specifications and as per 13.6 MORTH specifications item no:12 388.384 0.15 58.258 MT Total Deducted Quantity Net Total Quantity Say 58.258 MT @ Rs 91842.80 / MT Rs 5350577.84 21 od73207/2019_2020 Construction of RCC railing of M40 Grade in-situ with 20 mm nominal size aggregate, true to line a grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertice post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete per approved drawings and technical specifications. as per MORTH 14.7 Handrail for deckslab 2 \$4.000 1.100 118.801 metre Total Deducted Quantity 118.801 metre Say 118.801 metre @ Rs 1933.80 / metre Rs 229737.37 22 od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in super structure complete as per Drawing and Technical Specifications and as per 14 of MORTH specification-xbr> Deck slab & girder 220.850 0.15 33.128 foot path & kerb 24.993 0.15 3.749 item no:13 410.213 Total Quantity 98.409 MT Total Deducted Quantity 98.409 MT Total Deducted Quantity 98.409 MT		pile cap for abutments	327.6				0.15	49.140	
Net Total Quantity Say 93.697 MT @ Rs 91842.80 / MT Rs 8605394.83 20 od241904/2020 2021 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in substructure complete as per Drawing and Technical Specifications and as per 13.6 MORTH specifications item no:12 388.384						Tota	al Quantity	93.697 M	Γ
Say 93.697 MT @ Rs 91842.80 / MT Rs 8605394.83 20 od241904/2020_2021 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in substructure complete as per Drawing and Technical Specifications and as per 13.6 MORTH specifications item no:12 388.384 0.15 58.258 MT Total Deducted Quantity 58.258 MT Total Deducted Quantity 58.258 MT Say 58.258 MT @ Rs 91842.80 / MT Rs 5350577.84 21 od73207/2019_2020 Construction of RCC railing of M40 Grade in-situ with 20 mm nominal size aggregate, true to line a grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete per approved drawings and technical specifications. as per MORTH 14.7 Handrail for deckslab 2 54.000 1.100 118.801 metre Total Quantity 118.801 metre Say 118.801 metre @ Rs 1933.80 / metre Rs 229737.37 22 od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in super structure complete as per Drawing and Technical Specifications and as per14 of MORTH specification foot path & kerb 24.993 0.15 33.128 Total Quantity 98.409 MT Total Deducted Quantity 98.409 MT Total Deducted Quantity 98.409 MT Total Deducted Quantity 98.409 MT					To	otal Deducte	d Quantity	0.000 MT	
20 od241904/2020_2021 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in substructure complete as per Drawing and Technical Specifications and as per 13.6 MORTH specifications item no:12						Net Tota	al Quantity	93.697 M	Γ
Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or TM Reinforcement in substructure complete as per Drawing and Technical Specifications and as per 13.6 MORTH specifications item no:12				Say	y 93.697 MT	@ Rs 9184	2.80 / MT	Rs 860	5394.83
Total Quantity 58.258 MT Total Deducted Quantity 0.000 MT Net Total Quantity 58.258 MT Say 58.258 MT @ Rs 91842.80 / MT Rs 5350577.84 21 od73207/2019_2020 Construction of RCC railing of M40 Grade in-situ with 20 mm nominal size aggregate, true to line a grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertice post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete per approved drawings and technical specifications. as per MORTH 14.7 Handrail for deckslab 2 54.000 1.100 118.801 Total Quantity 118.801 metre Rotal Quantity 118.801 metre Say 118.801 metre @ Rs 1933.80 / metre Rs 229737.37 22 od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or The Reinforcement in super structure complete as per Drawing and Technical Specifications and as per14 of MORTH specification-br> Deck slab & girder 220.850 0.15 33.128 foot path & kerb 24.993 0.15 3.749 item no:13 410.213 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT	20	Supply, Fitting and Pla Reinforcement in subst	•	•	•	•		•	
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Say 58.258 MT @ Rs 91842.80 / MT Rs 5350577.84 21 od73207/2019_2020 Construction of RCC railing of M40 Grade in-situ with 20 mm nominal size aggregate, true to line a grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertice post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete per approved drawings and technical specifications. as per MORTH 14.7 Handrail for deckslab 2 54.000 1.100 118.801 Total Quantity 118.801 metre Ret Total Quantity 118.801 metre Say 118.801 metre @ Rs 1933.80 / metre Rs 229737.37 22 od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or TN Reinforcement in super structure complete as per Drawing and Technical Specifications and as per14 of MORTH specification foot path & kerb 24.993 0.15 33.128 foot path & kerb 24.993 0.15 3.749 item no:13 410.213 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT			619	W. P.	To	otal Deducte	d Quantity	0.000 MT	
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Construction of RCC railing of M40 Grade in-situ with 20 mm nominal size aggregate, true to line a grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete per approved drawings and technical specifications. as per MORTH 14.7 Handrail for deckslab 2 54.000 1.100 118.801 Total Quantity 118.801 metre Total Deducted Quantity 0.000 metre Net Total Quantity 118.801 metre Say 118.801 metre @ Rs 1933.80 / metre Rs 229737.37 22 od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or TN Reinforcement in super structure complete as per Drawing and Technical Specifications and as per14 of MORTH specification beck slab & girder 220.850 0.15 33.128 foot path & kerb 24.993 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT				Cou	50 050 MT	@ Do 0104	0.00 / NAT	Do ESE	0577 8 <i>4</i>
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Say 118.801 metre @ Rs 1933.80 / metre Od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or TN Reinforcement in super structure complete as per Drawing and Technical Specifications and as per14 of MORTH specification Deck slab & girder 220.850 0.15 33.128 foot path & kerb 24.993 0.15 3.749 item no:13 410.213 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT	21	Construction of RCC r. grade, tolerance of ver post not to exceed 200 per approved drawings	tical RCC p 00 mm, leav and techni	0 Grade in ost not to e ing adequacal specific	-situ with 20 exceed 1 in the space be	mm nomin 500, center ween verticer MORTH 1 1.100	al size agg to center sp al post for e	regate, true pacing between expansion, co	to line and to lin
od73209/2019_2020 Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or TN Reinforcement in super structure complete as per Drawing and Technical Specifications and as per14 of MORTH specification Deck slab & girder 220.850 0.15 33.128 foot path & kerb 24.993 0.15 3.749 item no:13 410.213 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT	21	Construction of RCC r. grade, tolerance of ver post not to exceed 200 per approved drawings	tical RCC p 00 mm, leav and techni	0 Grade in ost not to e ing adequacal specific	-situ with 20 exceed 1 in te space be ations. as po	mm nomin 500, center ween verticer MORTH 1 1.100	al size agg to center sp al post for e 4.7	regate, true pacing between pacing between particular pacing to the pacing between pacing to the pac	to line and to lin
Supply, Fitting and PlacingFusion bonded epoxy coated(confirm to IS 13620-1993) HYSD bar or TN Reinforcement in super structure complete as per Drawing and Technical Specifications and as per14 of MORTH specification Deck slab & girder 220.850 0.15 33.128 0.15 3.749 0.15 61.532 0.15 61.532 0.15 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT	21	Construction of RCC r. grade, tolerance of ver post not to exceed 200 per approved drawings	tical RCC p 00 mm, leav and techni	0 Grade in ost not to e ing adequacal specific	-situ with 20 exceed 1 in te space be ations. as po	mm nomin 500, center tween verticer MORTH 1 1.100 Total	al size agg to center sp al post for e 4.7 Al Quantity d Quantity	regate, true pacing between the pacing between the pacing between the pacing between the pacing the pacing between the pacing b	to line and to lin
foot path & kerb 24.993 0.15 3.749 item no:13 410.213 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT	21	Construction of RCC r. grade, tolerance of ver post not to exceed 200 per approved drawings	tical RCC p 00 mm, leav and techni	0 Grade in ost not to eing adequacal specification 54.000	-situ with 20 exceed 1 in te space be ations. as po	o mm nomin 500, center tween verticer MORTH 1 1.100 Total Deducte	al size agg to center sp al post for e 4.7 Al Quantity d Quantity	regate, true pacing between the pacing between the pacing between the pacing between the pacing the pacing between the pacing b	to line areen vertice omplete netre
item no:13 410.213 0.15 61.532 Total Quantity 98.409 MT Total Deducted Quantity 0.000 MT	21	Construction of RCC regrade, tolerance of ver post not to exceed 200 per approved drawings Handrail for deckslab od73209/2019_2020 Supply, Fitting and Plate Reinforcement in supe	acingFusion	O Grade in ost not to eing adequated specificated specificated say 118	-situ with 20 exceed 1 in the space be ations. as possible ations. as possible ations. as possible ations.	mm nomin 500, center tween verticer MORTH 1 1.100 Total Deducte Net Tota @ Rs 1933.8	al size agg to center sp al post for e 14.7 Al Quantity d Quantity al Quantity So / metre	regate, true pacing between the expansion, of the expansion of the	to line areen vertice omplete and the complete and the co
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Net Total Quantity 98.409 MT		Construction of RCC rigrade, tolerance of ver post not to exceed 200 per approved drawings Handrail for deckslab od73209/2019_2020 Supply, Fitting and Plate Reinforcement in super of MORTH specification Deck slab & girder foot path & kerb	acingFusion r structure on stru	O Grade in ost not to eing adequated specificated specificated say 118	-situ with 20 exceed 1 in the space be ations. as possible ations. as possible ations. as possible ations.	mm nomin 500, center ween vertice of MORTH 1 1.100 Total Deducte Net Total @ Rs 1933.8 (confirm to I	al size agg to center sp al post for e 14.7 al Quantity d Quantity 30 / metre S 13620-19 nical Specifi 0.15 0.15 0.15	regate, true pacing between pacing between pacing between pacing between pacing between pacing between pacing and an arrangement of the pacing and arrangement of the pacing and arrangement of the pacing between pacing arrangement of the pacing between pacing arrangement of the	to line areen vertice omplete enetre
		Construction of RCC rigrade, tolerance of ver post not to exceed 200 per approved drawings Handrail for deckslab od73209/2019_2020 Supply, Fitting and Plate Reinforcement in super of MORTH specification Deck slab & girder foot path & kerb	acingFusion r structure on stru	O Grade in ost not to eing adequated specificated specificated say 118	-situ with 20 exceed 1 in the space be ations. as possible ations. as possible ations as possible ations. To see a special at a special	mm nomin 500, center tween vertice or MORTH 1 1.100 Total Deducte Net Total @ Rs 1933.8 (confirm to I g and Techr	al size agg to center sp al post for e 14.7 al Quantity d Quantity al Quantity So / metre S 13620-19 nical Specifi 0.15 0.15 0.15 al Quantity	regate, true pacing betwee expansion, control of the pacing betwee expansion, control of the pacing betwee expansion, control of the pacing and the pacing a	to line areen vertice omplete enetre

			Say	98.409 MT	@ Rs 9387	7.07 / MT	Rs 923	8348.58	
23	od333518/2020_2021 Providing and laying Ceper drawing and Techn		-		grade includ	ding reinford	cement c	complete as	
	Wearing coat for bridge	4	14.000	7.500	0.050		21.000		
					Tota	al Quantity	21.000 cu	m	
	Total Deducted Quantity 0.000 cum Net Total Quantity 21.000 cum								
			Say 2	1.000 cum	@ Rs 14448	3.87 / cum	Rs 303	3426.27	
	Providing and laying of requirements laid down mm with smaller size to surface behind abutmocomplete as per draw	n in clause towards the ent, wing v	2504.2.2. of e soil and bi wall and retu	MoRTH sp igger size to urn wall to	ecifications owards the	to a thickne wall and p	ess of not les rovided ove	ss than 60 r the entire	
	Behind abutment	2	14-(5*0.6)	0.750	8.420		138.930		
		al Quantity	138.930 c	um					
	Total Deducted Quantity 0.000 cum								
	Other Engineering Organ Net Total Quantity 138.930 cum								
	1	D	Say-1	38.930 cum	@ Rs 3117	7.99 / cum	Rs 433	3182.35	
25	od73212/2019_2020 Sand Filling in Foundati	ion Trenche	es as per Dra	awing & Tec	hnical Spec	ification usir	ng available	sand	
	Apron centre portion	1	51.600	3.500	0.400		72.240		
	solid apron-U/s	1	51.600	8.000	0.400		165.120		
	solid apron-D/S	1	51.600	3.500	0.400		72.240		
	Deduct pile cap	3	11.500	3.900	0.400		-53.820		
					Tota	al Quantity	309.600 c	um	
				To	tal Deducte	d Quantity	-53.820 cu	ım	
					Net Tota	al Quantity	255.780 c	um	
		Say 255.780 cum @ Rs 198.03 / cum							
26	od73213/2019_2020 Providing & making Ga Wire mesh Gabion Box 10x12(D=100 mm with mechanically edged/so numbers of openings p	xes as per l h toleranc elvedged v	IS 16014:20 ² e of ± 2%) with partition	12,MORTH Zinic+PVC ns at ev	Clause coated rery 1m inte	2500, of red , Mesh wir erval and s	quired size, re diameter: hall have m	Mesh Type 2.7/3.7mm iinimum 10	

		, сто р		•	· ·		of Engineer	
			For filling	inside gabi	on boxes	T		
	D/S side	1	54.000	8.000	1.000		432.000	
	U/S side	1	54.000	3.000	1.000		162.000	
					Tota	al Quantity	594.000 c	um
				To	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	594.000 c	um
		Rs 205	6422.06					
	mm, complete a manufacturer/sup instructions for in	oplier or their au	uthorised rep					•
		1A	IDE		Tota	al Quantity	48.850 me	etre
			0.000 metre					
		-LP1912		То	tal Deducte	d Quantity	0.000 met	re
		766		To	0.0	d Quantity al Quantity	0.000 met 48.850 me	
28	13.14	Other Er	Say 48.	.850 metre (Net Tota @ Rs 9970.6	al Quantity	48.850 me	
28	13.14 Supplying, fitting (Part-II) section II drawing and Tech	and fixing in pos X and clause 20	sition true to 05 of MoRTI	850 metre (ng rg)	Net Tota ® Rs 9970.6 annsatio	al Quantity 65 / metre	48.850 me Rs 487 conforming all accessor	7066.25 to IRC:
28	Supplying, fitting (Part-II) section I	and fixing in pos X and clause 20	sition true to 05 of MoRTI	850 metre (ng rg)	Net Tota ® Rs 9970.6 annsatio	al Quantity 65 / metre	48.850 me Rs 487	7066.25 to IRC:
28	Supplying, fitting (Part-II) section II drawing and Tech	and fixing in pos X and clause 20 nnical Specificati	sition true to 05 of MoRTH	850 metre (ing and level) Ine and level	Net Tota © Rs 9970.6 Annisation vel elastome ions comple 10.000	al Quantity 65 / metre	48.850 me Rs 487 conforming all accessor 512000.00	to IRC:
28	Supplying, fitting (Part-II) section II drawing and Tech	and fixing in pos X and clause 20 nnical Specificati	sition true to 05 of MoRTH	850 metre (ing 1976) line and level specification 40.000	Net Tota © Rs 9970.6 Annisation vel elastome ions comple 10.000	al Quantity 65 / metre 66 / metre 67 / metre 68 / metre 68 / metre 69 / metre 69 / metre 60 / metre 60 / metre 60 / metre 60 / metre 61 / metre 61 / metre 61 / metre 62 / metre 63 / metre 64 / metre 65 / metre 66 / metre 67 / metre	48.850 me Rs 487 conforming all accessor 512000.00 0	to IRC: pries as p
28	Supplying, fitting (Part-II) section II drawing and Tech	and fixing in pos X and clause 20 nnical Specificati	sition true to 05 of MoRTH	850 metre (ing 1976) line and level specification 40.000	Net Tota © Rs 9970.6 vel elastome ons comple 10.000 Tota stal Deducte	al Quantity 65 / metre 66 / metre 67 / metre 68 / metre 68 / metre 69 / metre 69 / metre 60 / metre 60 / metre 60 / metre 60 / metre 61 / metre 61 / metre 61 / metre 62 / metre 63 / metre 64 / metre 65 / metre 66 / metre 67 / metre	48.850 me Rs 487 conforming all accessor 512000.00 0 512000.00	to IRC: pries as p
28	Supplying, fitting (Part-II) section II drawing and Tech	and fixing in post	sition true to 05 of MoRTH	850 metre (ing 1976) line and level specification 40.000	Net Tota © Rs 9970.6 vel elastome ons comple 10.000 Tota tal Deducte Net Tota	al Quantity 65 / metre 65 / metre 65 / metre 66 / metre 67 / metre 68 / metre 68 / metre 69 / metre 69 / metre 60 / metre 60 / metre 61 / metre 61 / metre 62 / metre 63 / metre 64 / metre 64 / metre 65 / metre 66 / metre 66 / metre 67 / metre	48.850 me Rs 487 conforming all accessor 512000.00 0 512000.00 0.000 Cur 512000.00	to IRC: pries as p
28	Supplying, fitting (Part-II) section II drawing and Tech	and fixing in post X and clause 20 nnical Specification 4*8 Solution Solut	ay 512000.0 agf/cm2) and pout including	850 metre (ng 1966) line and level specification 40.000 To 00 Cum cm 65 cm long g cost converged to the c	Net Tota @ Rs 9970.6 vel elastome fons comple 10.000 Tota tal Deducte Net Tota @ Rs 0.88 g PVC down eyance of al	al Quantity 65 / metre 65 / metre 65 / metre 66 / metre 67 / metre 68 / metre	48.850 me Rs 487 conforming all accessor 512000.00 0 512000.00 7512000.00 Rs 450 e alongthe s	to IRC: ories as p Cum c
	Supplying, fitting (Part-II) section II drawing and Tech For Bridge od73221/2019_20 Supply and fixing deck slab at 5m c	and fixing in post X and clause 20 nnical Specification 4*8 Solution Solut	ay 512000.0 agf/cm2) and pout including	850 metre (ng 1966) line and level specification 40.000 To 00 Cum cm 65 cm long g cost converged to the c	Net Tota @ Rs 9970.6 vel elastome fons comple 10.000 Tota tal Deducte Net Tota @ Rs 0.88 g PVC down eyance of al	al Quantity 65 / metre 65 / metre 65 / metre 66 / metre 67 / metre 68 / metre	48.850 me Rs 487 conforming all accessor 512000.00 0 512000.00 7512000.00 Rs 450 e alongthe s	to IRC: ories as p Cum c
	Supplying, fitting (Part-II) section II drawing and Tech For Bridge od73221/2019_20 Supply and fixing deck slab at 5m c fixing etc complet	and fixing in post X and clause 20 Innical Specification 4*8 Solution Solu	ay 512000.0 ay 512000.0 agf/cm2) and pout including the decimal and the deci	850 metre (ng 1966) line and level specification 40.000 To 00 Cum cm 65 cm long g cost converged to the c	Net Tota @ Rs 9970.6 rel elastome fons comple 10.000 Tota tal Deducte Net Tota @ Rs 0.88 g PVC down eyance of all officers at second	al Quantity 65 / metre 65 / metre 65 / metre 66 / metre 67 / metre 68 / metre	48.850 me Rs 487 conforming all accessor 512000.00 0.000 Cur 512000.00 Rs 450 e alongthe sand cutting of	to IRC: ories as p O Cum of the

					Net Tota	al Quantity	23.401 m	etre		
			Say 2	23.401 metr	e @ Rs 82.	15 / metre	Rs 19	922.39		
30	od73222/2019_2020 Supplying and fixing 75mm dia (10kgf/cm2) PVC perforated vertical pipe for drain out uplift water along the check dam and pierr portion of 2m c/c including cost and conveyance charges for making perforation including cost of reduced T and fixing charges as per direction of departmental officers at site									
	Main slab	1	3.100	3.500			10.850			
		2	3.100	4.000			24.800			
	Slab projection	1	31.800	1.000			31.800			
	Slab sides	1	34.200		0.1		3.421			
		1	0	.0			0.000			
		Total Quantity								
		d Quantity	0.000 met	re						
		al Quantity	70.871 m	etre						
		Rs 34613.40								
31	od73203/2019_2020 Supply and fixing 110 vertical perforated pip	e along the	kgf/cm2) PV0 e checkdam	C perforated and pier po	d horizontal ortion and f	or Weep Ho	ain out uplift	water fron		
31	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out upliff water from vertical perforated pipe along the checkdam and	ther En	kgf/cm2) PV0 e checkdam	C perforated and pier po ges as per	d horizontal ortion and f	pipe for dra or Weep Ho n of departi	ain out uplift	water fron		
31	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out upliff water from vertical perforated pipe along	ther En	kgf/cm2) PVGe checkdam If fixing charge	C perforated and pier po ges as per	d horizontal ortion and fo the directio	pipe for dra or Weep Ho n of departi	ain out uplift bles includir mental offic	water fron		
31	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out upliff water from vertical perforated pipe along the checkdam and pier portion	ther En	kgf/cm2) PVG e checkdam d fixing charg ngineeri	C perforated and pier po ges as per	d horizontal ortion and for the direction anisation	pipe for dra or Weep Ho n of departi	ain out uplift bles includir mental offic 200.000	water from		
31	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out upliff water from vertical perforated pipe along the checkdam and pier portion	ther En	kgf/cm2) PVG e checkdam d fixing charg ngineeri	C perforated and pier po ges as per ng Orga	d horizontal ortion and for the direction anisation	pipe for dra or Weep Ho n of departi ns	ain out uplift bles includir mental offic 200.000	water from		
31	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out upliff water from vertical perforated pipe along the checkdam and pier portion	ther En	kgf/cm2) PVG e checkdam d fixing charg ngineeri	C perforated and pier po ges as per ng Orga	Total Deducte	pipe for dra or Weep Ho n of departi ns	ain out uplift ples includir mental office 200.000 300.000 n	water from		
31	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out upliff water from vertical perforated pipe along the checkdam and pier portion	ther En	kgf/cm2) PV0 e checkdam d fixing charg 1g1neer1 200.000	C perforated and pier po ges as per ng Orga	Total Deducte	pipe for dra or Weep Ho n of departi ns al Quantity d Quantity	ain out uplift bles includir mental office 200.000 and 0.000 mental office 200.000 menta	water from		
31	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out upliff water from vertical perforated pipe along the checkdam and pier portion	ther Englishing 2 coats	kgf/cm2) PV0 c checkdam d fixing charg 200.000 300.000 Say 500	C perforated and pier poges as per ing Organia To	Total Deducte Net Total @ Rs 280.s	pipe for dra or Weep Ho n of departs INS al Quantity d Quantity al Quantity al Quantity	ain out uplift bles includir mental offic 200.000 300.000 n 0.000 mental 500.000 n Rs 146	water from a cost and ers at site ers at site ers ers ers ers ers ers ers ers ers er		
	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out uplift water from vertical perforated pipe along the checkdam and pier portion for Weep holes 14.16 Providing and applying	ther Englishing 2 coats	kgf/cm2) PV0 c checkdam d fixing charg 200.000 300.000 Say 500	C perforated and pier poges as per ing Organia To	Total Deducte Net Total @ Rs 280.s	pipe for dra or Weep Ho n of departs INS al Quantity d Quantity al Quantity al Quantity	ain out uplift bles includir mental offic 200.000 300.000 n 0.000 mental 500.000 n Rs 146	water from a cost and ers at site ers at site ers ers ers ers ers ers ers ers ers er		
	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out uplift water from vertical perforated pipe along the checkdam and pier portion for Weep holes 14.16 Providing and applying cleaning the surface of	ther English of the state of th	sgf/cm2) PV0 c checkdam d fixing charg 200.000 300.000 Say 500 of water bas oil, grease,	C perforated and pier poges as per ing Organia To	Total Deducte Net Total @ Rs 280.st	pipe for dra or Weep Ho n of departs INS al Quantity d Quantity al Quantity al Quantity	ain out uplift bles includir mental office 200.000 and 500.000 mental solution and the solu	water from a cost and ers at site ers at site ers ers ers ers ers ers ers ers ers er		
	Supply and fixing 110 vertical perforated pip conveyance, cutting of for drain out uplift water from vertical perforated pipe along the checkdam and pier portion for Weep holes 14.16 Providing and applying cleaning the surface of Abutments	ther English of dirt, dust	sgf/cm2) PV0 e checkdam d fixing charge 200.000 300.000 Say 500 of water bas oil, grease, 19.400	C perforated and pier poges as per ing Organia To	Total Deducte Net Total @ Rs 280.4 t paint to unce and apple 8.420	pipe for dra or Weep Ho n of departs INS al Quantity d Quantity al Quantity al Quantity	ain out uplift bles includir mental office 200.000 and 500.000 mental 500.000 mental concrete sure of 1 litre 326.696	water from ag cost and ers at site ers at site ers et site ers ers ers ers ers ers ers ers ers er		

	Pier cap -side	3	22.000		1.200		79.200	
	Shutter piers	5	8.000		5.700		228.000	
	For operating platform handrail end	4*4	0.800		1.200		15.360	
	Middle handrail	4*10*2	0.600		1.200		57.600	
	Cross	4*22*2	1.200		0.600		126.720	
			su	per structu	ire			
	Girder side	4*4*2	14.700		1.170		550.368	
	End diaphram	4*6*2	2.200		0.650		68.641	
	Deck slab bottom	4	15.100	9.770			590.108	
	do outside	4	15.100	2	0.225		13.590	
	Kerb out side	4*2	15.100		0.275		33.220	
	Kerb carriage way	4*2	15.100	le V	0.225		27.180	
	Kerb foot path	4*2	15.100		0.275		33.220	
	do top	4*1	15.100		0.475+0.3 75+0.225	Ž.	64.930	
	Hand rail vertical	4*20	2*(0.265+ 0.2)	3118	1.100		81.840	
	Hand rail horizontal	ther E1 4*2*27	2*(0.165+ 0.135)	ng Org	anisatic 1.400	ns	181.441	
	pedestal	4*8	2*(0.6+0.6		0.300	1	23.040	
	bearing	4*8	2*(0.4+0.4		0.100		5.121	
					Tota	al Quantity	2939.811	sqm
				To	otal Deducte	d Quantity	0.000 sqm	1
					Net Tota	al Quantity	2939.811	sqm
			Say 29)39.811 sq	m @ Rs 210).68 / sqm	Rs 619	359.38
SI No	Description	No	L	В	D	CF	Quantity	Remark
	1	3 Appei	ndix C- Appro	oach road	(MoRTH)			
1	3.18 Construction of sub-graall lifts & leads, transprequirement of table N	oorting to		•	•			-
	To poolakkadavu side	1	130.000	7.700	0.500		500.500	

						i		
	To parambil basar side	1	160.000	7.700	0.500		616.000	
					Tota	al Quantity	1116.500	cum
				To	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	1116.500	cum
			Say 1	116.500 cui	m @ Rs 413	3.30 / cum	Rs 461	1449.45
2	4.1.A.1 Construction of granul OMC, carriage of mixed surface and compacting 401 Grading-I - Plant Mix M	d Material to g with vibrat	o work site,	spreading in	uniform lay	ers with mo	otor grader o	n prepared
	To poolakkadavu side	1	130.000	7.700	0.150		150.150	
	To parambil basar side	10	160.000	7.700	0.150		184.800	
			N		Tota	al Quantity	334.950 c	um
		155		To	tal Deducte	d Quantity	0.000 cum	1
	29	al Quantity	334.950 с	um				
			Say 3	34.950 cum	@ Rs 2938	3.67 / cum	Rs 984	1307.52
3	4.12 Providing, laying, spread including premixing the tipper to site, laying in compacting with vibrate	nding and co Material wi uniform laye	th water at Cers with pave	raded stone DMC in med er in sub- ba	aggregate hanical mix se / base co	to Wet Mix plant carria	ge of mixed	Material by
	To poolakkadavu side	1	130.000	7.700	0.250		250.250	
	To parambil basar side	1	160.000	7.700	0.250		308.000	
					Tota	al Quantity	558.250 c	um
				Тс	tal Deducte	d Quantity	0.000 cum	
		558.250 cum						
					1100 100	al Quantity	556.250 C	um
			Say 5	58.250 cum	@ Rs 2855	<u> </u>		um 4278.26

To parambil basar side 5	1 130.00	00 7.700	0.050		50.051			
Providing and laying bituminous 75 tonnes per hour using crush NRMB) @ 5.4 per cent of mix a paver finisher with sensor contro vibratory and tandem rollers to a 507 complete in all respectsGrad To poolakkadavu side 1 To parambil basar side Other F 6 8.13 Providing and laying of hot appli beads on Bituminous Surface @ applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar 1	1 160.00	7.700	0.050		61.600			
Providing and laying bituminous 75 tonnes per hour using crush NRMB) @ 5.4 per cent of mix a paver finisher with sensor contro vibratory and tandem rollers to a 507 complete in all respectsGrad To poolakkadavu side 1 To parambil basar side Other F 6 8.13 Providing and laying of hot appli beads on Bituminous Surface @ applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar 1	·	·	Tota	al Quantity	111.651 c	um		
Providing and laying bituminous 75 tonnes per hour using crush NRMB) @ 5.4 per cent of mix a paver finisher with sensor contro vibratory and tandem rollers to a 507 complete in all respectsGrad To poolakkadavu side 1 To parambil basar side Other F 6 8.13 Providing and laying of hot appli beads on Bituminous Surface @ applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar 1		Т	otal Deducte	d Quantity	0.000 cum	1		
Providing and laying bituminous 75 tonnes per hour using crush NRMB) @ 5.4 per cent of mix a paver finisher with sensor contro vibratory and tandem rollers to a 507 complete in all respectsGrad To poolakkadavu side 1 To parambil basar side Other F 6 8.13 Providing and laying of hot appli beads on Bituminous Surface @ applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar 1			Net Tota	al Quantity	111.651 c	um		
Providing and laying bituminous 75 tonnes per hour using crush NRMB) @ 5.4 per cent of mix a paver finisher with sensor contro vibratory and tandem rollers to a 507 complete in all respectsGrad To poolakkadavu side 1 To parambil basar side Other F 6 8.13 Providing and laying of hot appli beads on Bituminous Surface @ applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar 1	Say 111.651 cum @ Rs 8370.13 / cum Rs 934533							
To parambil basar side Other E Other E 8.13 Providing and laying of hot applicates on Bituminous Surface applied glass beads as per IRC: holes. To poolakkadavu side To parambil basar	crushed aggreg mix and filler, tr control to the req rs to achieve the	ates of specificansporting the uired grade, lead to desired comp	ied grading, e hot mix to vevel and alignostion as pe	premixed work site, land	with bituming aying with a ag with smoo	ous bir hydros th whe		
6 8.13 Providing and laying of hot application beads on Bituminous Surface applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar	1 130.00	7.500	0.030	k.	29.250			
6 8.13 Providing and laying of hot applied beads on Bituminous Surface (applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar	1 160.00	7.500	0.030		36.000			
6 8.13 Providing and laying of hot applied beads on Bituminous Surface (applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar	er Engine	ring Oro		al Quantity	65.250 cu	m		
Providing and laying of hot application beads on Bituminous Surface applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar	CI LIIgiliet	Ting Oig	otal Deducte	d Quantity	0.000 cum	1		
Providing and laying of hot application beads on Bituminous Surface applied glass beads as per IRC: holes. To poolakkadavu side 1 To parambil basar			Net Tota	al Quantity	65.250 cu	m		
Providing and laying of hot application beads on Bituminous Surface applied glass beads as per IRC: holes. To poolakkadavu side To parambil basar 1	Sa	ay 65.250 cum	@ Rs 10786	6.91 / cum	Rs 703	3845.88		
' 1	race @ 250 gms	s per sqm are	a, thickness	of 2.5 mm	is exclusive	of sur		
	1 160.00	0.150			24.000			
	Total Quantity							
		Т	otal Deducte	d Quantity	0.000 sqm	1		
1			Net Tota	al Quantity	43.500 sq	m		
		Say 43.500 so	qm @ Rs 502	2.53 / sqm	Rs 21	860.06		

sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with area not exceeding 0.9 sqm, with suitable back supporting frame of MS angle 40x40x6 and supported on GI pipe pole 50mm NB confirming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 2 0.900 1.200 2.160 **Total Quantity** 2.160 sqm **Total Deducted Quantity** 0.000 sqm **Net Total Quantity** 2.160 sqm Say 2.160 sqm @ Rs 7884.99 / sqm Rs 17031.58 SI No No Quantity Remark Description 4 Appendix D-Electrical work 1 od269638/2019_2020 Supplying, installation, testing & commissioning of cubical type LT panel board of suitable size for 415V, 3 phase, 4 Wire 50 Hz AC supply system having a provision of cable end termination chambers suitable for single run of 3.5 X 70 Sq.mm size cable and single run of 3.5x35sq.mm cable for incomer switches and fabricated in compartmentalized design from CRCA sheet steel of 2mm thick for frame work and covers complete with powder coating in approved shade, having suitable capacity TPN Copper bus bars, base frame of MS channel 75mm x 40 mm size, panel shall have common copper earth bar of size 25mm x 3mm in entire width of the board with 2 Nos. earth stud, cable alleys, removable gland plates, including providing following switch gears and as required Main Panel: Incomer 5 100A, 25 kA (Ics=100%Icu), 4 pole, current limiting type MCCB having thermal setting range of 80 - 100% with thermal magnetic release having adjustable OL - 2nos. With following accessories: Castle key inter lock between incomers. Earth fault module with in built CBCT for KSEB incomer. Phase indication lamps controlled by 2A MCBs - 2 set. Bus Bar: 100Amps TPN Copper busbars, colour coded with heat shrinkable insulation sleeves (after derating). Out goings: 32A TPN MCB- 6nos. od269638/2019 2020 1 1.000 **Total Quantity** 1.000 each **Total Deducted Quantity** 0.000 each **Net Total Quantity** 1.000 each Say 1.000 each @ Rs 45956.49 / each Rs 45956.49 2 od269655/2019 2020 Supply, conveyance, installation, testing and commissioning of 20KVA/16KW D.G. set incorporating "CUMINS" Model X3.TAA-G2 Diesel Engine developing 32BHP at 1500rpm, Water cooled, 4cylinders, Coupled, ALternator rated at 16kw/20KVA, 415V, 50Hz, 0.8 P, mounted on a chanel iron base frame complete with fuel tank, Battery, Manuel control panel and other standard accessories with suitable CPCB approved factory assembled Acoustic enclosure.
 od269655/2019 2020 1.000 **Total Quantity** 1.000 each

				Tota	al Deducted Quantity	0.000 eac	h
					Net Total Quantity	1.000 eac	h
			Say 1.0	000 each @ F	Rs 330050.00 / each	Rs 33	0050.00
3	1.1 KV grade of	the following sizes, making good	zes using cla	mps noted a	VC sheathed armour long with the cables, shing etc. as required	spacing of	clamps not
	90.12.41.33	250				250.000	
					Total Quantity	250.000 n	netre
			100	Tota	al Deducted Quantity	0.000 me	re
			/60	163	Net Total Quantity	250.000 n	netre
			Say 250	0.000 metre (2 Rs 626.32 / metre	Rs 15	6580.00
4	1.1 KV grade of	the following siz	zes using cla	mps noted a	VC sheathed armour long with the cables, hing etc. as required.	spacing of	clamps not
	90.12.41.21	20		in all 2		20.000	
		Other Fi	noineeri	no Orga	Total Quantity	20.000 m	etre
				Tota	al Deducted Quantity	0.000 me	re
		P	R		Net Total Quantity	20.000 m	etre
			Say 20.	000 metre @	Rs 1612.45 / metre	Rs 32	249.00
5	1.1 KV grade of	the following siz	zes using cla	mps noted a	VC sheathed armour long with the cables, shing etc. as require	spacing of	clamps not
	90.12.41.23	10				10.000	
					Total Quantity	10.000 m	etre
				Tota	al Deducted Quantity	0.000 me	re
					Net Total Quantity	10.000 m	etre
			Say 10.	000 metre @	Rs 3073.21 / metre	Rs 30	732.10
6	grade of the follo	wing sizes in g	round includi	ng excavation	athed armoured copp on of trench of size 3 protective covering (i	5 x 75 cm,	refilling the

	90.12.37.23	50					50.000	
					Tot	al Quantity	50.000 m	etre
				To	otal Deducte	ed Quantity	0.000 me	tre
					Net Tot	al Quantity	50.000 m	etre
		Say 50.000 metre @ Rs 3211.20 / metre Rs 160560.0						
7	9.1.32 Supplying and ma size of PVC insul required.4 X 10 s	ated and PVC	sheathed	-	_		•	
	9.1.32	10					10.000	
			- 0	_@_	Tot	al Quantity	10.000 se	t
			JA	To	otal Deducte	ed Quantity	0.000 set	
		-	8.21		Net Tot	al Quantity	10.000 se	t
		619	K a	Say 10.000	set @ Rs 2	66.05 / set	Rs 2	660.50
	9.1.21	4 Other Er	Dis-	T	otal Deducte	al Quantity ed Quantity al Quantity	4.000 set 0.000 set 4.000 set	
				Say 4.000	set @ Rs 3	69.59 / set	Rs 1	478.36
9	9.1.23 Supplying and ma size of PVC insul required.3 1/2X 7	ated and PVC	sheathed	•	J		J	
	5		<u> </u>		Tof	tal Quantity	3.000 set	1
	Total Quantity Total Deducted Quantity							
	Total Deducted Quantity Net Total Quantity							
				Sav 3.000	set @ Rs 5		3.000 set	549.14
10	9.2.20			2, 2.000			1	
. •	Supplying and ma other jointing mat	terials for follow	wing size	of PVC insu			•	_

	9.2.20	1					1.000	
					Tot	al Quantity	1.000 eac	ch
				Т	otal Deducte	ed Quantity	0.000 ead	ch
					Net Tot	al Quantity	1.000 eac	ch
	Say 1.000 each @ Rs 1010.47 / each							010.47
11	than 17.5%, in	stalling following sconvenient sectiuding bolts & nuts	ons, joined	with conn	ectors, susp	ended fron	n the ceilin	g with N
	4.1.1	40					40.000	
			//68	165	Tot	al Quantity	40.000 m	etre
			C. D. W	T	otal Deducte	ed Quantity	0.000 me	etre
				K X	Net Tot	al Quantity	40.000 m	etre
		(k	Say 40	0.000 metr	e @ Rs 456.	09 / metre	Rs 18	8243.60
	1.6 mm thicknes	uding bolts & nuts	, painting su		ectors, suspetc as require		width X 50	•
	-	uding bolts & nuts	, painting su		etc as require			mm dept
	1.6 mm thicknes	uding bolts & nuts	, painting su	spenders e	etc as require	al Quantity	35.000	mm dept
	1.6 mm thicknes	uding bolts & nuts	, painting su	spenders e	Tot	al Quantity	35.000 m	mm dept
	1.6 mm thicknes	uding bolts & nuts	gineeri	spenders e	Tot	al Quantity al Quantity al Quantity	35.000 m 0.000 me 35.000 m	mm dept
13	1.6 mm thicknes 4.1.3 5.4 Earthing with G masonry enclose	uding bolts & nuts	Say 35 0 mm X 600 te having loc	spenders e	Total Deducte Net Tot e @ Rs 602.	al Quantity ed Quantity al Quantity 88 / metre	35.000 m 0.000 me 35.000 m Rs 2'	mm dept metre etre 1100.80
13	1.6 mm thicknes 4.1.3 5.4 Earthing with G masonry enclose	.I. earth plate 60 are with cover plate	Say 35 0 mm X 600 te having loc	spenders e	Total Deducte Net Tot e @ Rs 602.	al Quantity ed Quantity al Quantity 88 / metre	35.000 m 0.000 me 35.000 m Rs 2'	mm dept
13	1.6 mm thicknes 4.1.3 5.4 Earthing with G masonry enclose with charcoal/ co	.I. earth plate 60 ure with cover plate oke and salt as re-	Say 35 0 mm X 600 te having loc	spenders e	Total Deducte Net Tot e @ Rs 602. mm thick ingement and	al Quantity ed Quantity al Quantity 88 / metre	35.000 m 35.000 m 0.000 me 35.000 m Rs 2 ² essories, a pe of 2.7 me	mm dept metre etre 1100.80 Indeprovide the long
13	1.6 mm thicknes 4.1.3 5.4 Earthing with G masonry enclose with charcoal/ co	.I. earth plate 60 ure with cover plate oke and salt as re-	Say 35 0 mm X 600 te having loc	5.000 metro	Total Deducte Net Tot e @ Rs 602. mm thick ingement and	al Quantity al Quantity al Quantity 88 / metre cluding accommatering pip	35.000 m 35.000 m 0.000 me 35.000 m Rs 2' essories, a pe of 2.7 me 5.000	mm dept metre etre 1100.80 Indeprovice the long
13	1.6 mm thicknes 4.1.3 5.4 Earthing with G masonry enclose with charcoal/ co	.I. earth plate 60 ure with cover plate oke and salt as re-	Say 35 0 mm X 600 te having loc	5.000 metro	Total Deducte Met Tot e @ Rs 602. mm thick ingement and Total Deducte Total Deducte	al Quantity al Quantity al Quantity 88 / metre cluding accommatering pip	35.000 m 35.000 m 0.000 me 35.000 m Rs 2' essories, a pe of 2.7 me 5.000 5.000 set	mm dept metre etre 1100.80 Indeprovide the long

	required.				T	T	T	1
	5.13	30					30.000	
					Tota	al Quantity	30.000 m	etre
				To	otal Deducte	d Quantity	0.000 me	tre
					Net Tota	al Quantity	30.000 metre	
			Say 3	30.000 metre	@ Rs 238.	53 / metre	Rs 7	155.90
15	5.19 Providing and fixing surface/ recessed co					for loop eart	hing along v	with exis
	5.19	150					150.000	
			10	R.	Tota	al Quantity	150.000 n	netre
			-//	To	otal Deducte	d Quantity	0.000 me	tre
			636		Net Tota	al Quantity	150.000 n	netre
		11	Say ²	150.000 metr	e @ Rs 95.0	67 / metre	Rs 14	350.50
16	5.14 Providing and fixing	25 mm X 5 m	m copper st	rip on surface	e or in reces	s for conne	ctions etc. a	s require
	5.14	3					3.000	
			J. B.	da ana	Tota	al Quantity	3.000 me	tre
	Other Engineering Or Fotal Deducted Quantity 0.000 me							
		D		T	Net Tota	al Quantity	3.000 me	tre
			Say	3.000 metre	@ Rs 914.8	80 / metre	Rs 2	744.40
17	5.15 Providing and fixing	25 mm X 5 m	m G.I. strip	on surface or	r in recess fo	or connectio	ns etc. as re	equired.
	5.15	150					150.000	
		<u>'</u>	•	,	Tota	al Quantity	150.000 n	netre
				To	otal Deducte	d Quantity	0.000 me	tre
		al Quantity	150.000 n	netre				
	Say 150.000 metre @ Rs 169.07 / metre							360.50
18	od271056/2019_2020 Supply and fixing 100A TPN SDF in sheet steel enclosure on wall using suitable steel fastners.							
	od271056/2019_202	0 1					1.000	
		.0						
		.0 1			Tota	al Quantity	1.000 eac	:h
		.0 1		To	Total Deducte	<u> </u>	1.000 eac	

			Say	1.000 each	@ Rs 5430	.36 / each	Rs 5	430.36
19	od271057/2019_2020 Supply & installation 760x450x260x) and to figood the damages colo	ix KSEB m	eters, fuse	units, CT etc	-			•
	od271057/2019_2020	1					1.000	
					Tota	al Quantity	1.000 eac	h
				То	tal Deducte	ed Quantity	0.000 eac	h
					Net Tot	al Quantity	1.000 eac	h
			Say	1.000 each	@ Rs 4814	.18 / each	Rs 4	314.18
20	od271058/2019_2020 Supply and fixing the fo HRC fuse base with fus	-	essories in	the existing	meter boa	rd and givin	g connection	ns etc.100
	od271058/2019_2020	3	45 9	\$ W	2		3.000	
		11		31/1	Tot	al Quantity	3.000 eac	h
		DA	DE	То	tal Deducte	ed Quantity	0.000 eac	h
		16/42		\$500 X5	Net Tot	al Quantity	3.000 eac	h
			Sa	y 3.000 each	n @ Rs 467	.51 / each	Rs 1	402.53
21	od271059/2019_2020 100 A, 415 V, 2 way ne	ther En	oineeri ounted on D	MC/ SMC ba	anisatio	ons		
	od271059/2019_2020	1					1.000	
					Tot	al Quantity	1.000 eac	h
				То	tal Deducte	ed Quantity	0.000 eac	h
					Net Tot	al Quantity	1.000 eac	h
			Sa	y 1.000 each	n @ Rs 295	.25 / each	Rs 2	95.25
22	od271063/2019_2020 Supply and providing for length of pipe, as add necessary supports, surenamel paint over a coams.	itional exh ich angle ii	aust piping on, MS cla	g, fixing the mp etc., pai	same firm	ly to the builting ipe and acc	uiling / stru	cture using th syntheti
	od271063/2019_2020	6					6.000	
					Tot	al Quantity	6.000 per	metre
				То	tal Deducte	ed Quantity	0.000 per	metre
					Net Tot	al Quantity	6.000 per	metre
			ay 6.000 pei				Rs 70	

23	90.12.9.5 Supplying, laying and j	S 14930 Pa	art II for me	chanical pro	tection to	undergroun	d power cal	
	required accessories i	n ground in	the existing	g trench90/	75 mm or n	earest size	150.000	
					Tot	al Quantity	150.000 n	netre
				To	tal Deducte	ed Quantity	0.000 me	tre
					Net Tot	al Quantity	150.000 n	netre
	Say 150.000 metre @ Rs 237.62 / metre Rs 35643.00							
24	od271066/2019_2020 Supply and providing socide and written with sand, painting the brarequired.(MR)	white paint	'FIRE' mou	nted on MS	angle fram	e work/ wal	ll bracket fill	ed with f
	od271066/2019_2020	2	J. J	S. N	7 13		2.000	
			1	38.WA	Tot	al Quantity	2.000 eac	:h
		1/51		To	tal Deducte	ed Quantity	0.000 eac	:h
	1	400			Net Tot	al Quantity	2.000 eac	:h
			Sa	y 2.000 each	n @ Rs 156	.00 / each	Rs 3	12.00
25	od271067/2019_2020 Supply and providing 2						nt insulating	sheet
	od271067/2019_2020	5	K			1	5.000	
					Tota	al Quantity	5.000 sqn area	n of door
				То	tal Deducte	ed Quantity	0.000 sqn area	n of door
					Net Tot	al Quantity	5.000 sqn area	n of door
	Say s	5.000 sqm o	of door area	@ Rs 1669.	07 / sqm of	door area	Rs 83	345.35
26	od271068/2019_2020 Supply, installing, testi kg capacity with initial	_	•			•		ISI mark
	od271068/2019_2020	2					2.000	
					Tot	al Quantity	2.000 eac	:h
				To	tal Deducte	ed Quantity	0.000 eac	:h
					Net Tot	al Quantity	2.000 eac	:h
			Sav	2.000 each	@ Rs 2200	.95 / each	Rs 4	401.90

	od271069/2019_2020 Supply of 11KV electr		(Vidyut)					
	od271069/2019_2020	2					2.000	
			•		Tota	al Quantity	2.000 ead	ch
				To	otal Deducte	d Quantity	0.000 ead	ch
					Net Tota	al Quantity	2.000 ead	ch
			S	ay 2.000 eac	h @ Rs 579	.59 / each	Rs 1	159.18
28	od271070/2019_2020 Supply of Bosch profe		kit (GSB55	0)			,	
	od271070/2019_2020	1					1.000	
			10	Re	Tota	al Quantity	1.000 ead	ch
			-//	To	otal Deducte	d Quantity	0.000 ead	ch
			A36	10 TY	Net Tota	al Quantity	1.000 ead	ch
		11	Sa	y 1.000 each	@ Rs 5517	.13 / each	Rs 5	517.13
				d.Group C				
	1.10.3	Other E	ngineer		anisatic	ns	4.000	
	1.10.3	Other E			4 —	ns al Quantity	4.000 4.000 poi	nt
	1.10.3	Cher E		ing Org	4 —	al Quantity		
	1.10.3	Other E		ing Org	Total Deducte	al Quantity	4.000 poi	nt
	1.10.3	Other E	ngineer	ing Org	Total Deducte	al Quantity d Quantity al Quantity	4.000 poi 0.000 poi 4.000 poi	nt
30	1.10.3 1.12 Wiring for light/ powe surface/ recessed me conductor single core	r plug with 2	s PVC cond	ay 4.000 points	Total Deducte Net Total nt @ Rs 992 insulated co h 1 No 4 so	al Quantity d Quantity al Quantity .12 / point	4.000 poi 0.000 poi 4.000 poi Rs 3	nt nt 968.48 corecable
30	1.12 Wiring for light/ powe surface/ recessed me	r plug with 2	s PVC cond	ay 4.000 points	Total Deducte Net Total nt @ Rs 992 insulated co h 1 No 4 so	al Quantity d Quantity al Quantity .12 / point	4.000 poi 0.000 poi 4.000 poi Rs 3	nt nt 968.48 corecable
30	1.12 Wiring for light/ powe surface/ recessed me conductor single core	r plug with 2 edium class e cable for	s PVC cond	ay 4.000 points	Total Deducte Net Total nt @ Rs 992 insulated coth 1 No 4 soled.	al Quantity d Quantity al Quantity .12 / point	4.000 poi 0.000 poi 4.000 poi Rs 3 ctor single 6	nt 968.48 corecable latedcop
30	1.12 Wiring for light/ powe surface/ recessed me conductor single core	r plug with 2 edium class e cable for	s PVC cond	ay 4.000 points FRLS PVC in the property of th	Total Deducte Net Total nt @ Rs 992 insulated coth 1 No 4 soled.	al Quantity al Quantity al Quantity al Quantity 12 / point pper conduct mm FRLS	4.000 poi 0.000 poi 4.000 poi Rs 3 ctor single 6 8 PVC insu	nt 968.48 corecable latedcopp
30	1.12 Wiring for light/ powe surface/ recessed me conductor single core	r plug with 2 edium class e cable for	s PVC cond	ay 4.000 points FRLS PVC in the property of th	Total Deducte Net Total nt @ Rs 992 insulated co h 1 No 4 so ed. Total otal Deducte	al Quantity al Quantity al Quantity al Quantity 12 / point pper conduct mm FRLS	4.000 poi 0.000 poi 4.000 poi Rs 3 ctor single 6 8 PVC insu 25.000	nt 968.48 corecable latedcopp etre tre
30	1.12 Wiring for light/ powe surface/ recessed me conductor single core	r plug with 2 edium class e cable for	S 2X4 sq. mm s PVC cond loop earthir	ay 4.000 points FRLS PVC in the property of th	Total Deducte Net Total nt @ Rs 992 insulated co h 1 No 4 so ed. Total otal Deducte Net Total	al Quantity al Quantity al Quantity al Quantity pper conduct mm FRLS al Quantity d Quantity al Quantity	4.000 poi 0.000 poi 4.000 poi Rs 3 ctor single 6 8 PVC insu 25.000 m 0.000 me	nt 968.48 corecable latedcopp etre tre

	1.25	1					1.000	
					Tot	al Quantity	1.000 eac	:h
				То	tal Deducte	ed Quantity	0.000 eac	:h
					Net Tot	al Quantity	1.000 eac	:h
			Sa	y 1.000 each	n @ Rs 377	7.45 / each	Rs 3	77.45
32	1.33 Supplying and fixing connection etc as rec	•	p ceiling ro	ose on the e	existing jun	action box/ v	wooden blo	ckincluding
	1.33	4					4.000	
					Tot	al Quantity	4.000 eac	:h
			10	То	tal Deducte	ed Quantity	0.000 eac	:h
			-//		Net Tot	al Quantity	4.000 eac	:h
		1	S	Say 4.000 ead	ch @ Rs 60).29 / each	Rs 2	41.16
	Supplying and fixing s including providing au connection etc. as re	nd fixing 3	pin 5/6 am	ps modular	socket ou	tlet and 5/6	ampsmod	
	1.31	1	A COM	nol 27	DA.		1.000	
		ther Er	gineer	ing Orga	Tot	al Quantity	1.000 eac	h
		ther Di	iginicon			ed Quantity	0.000 eac	:h
		\mathcal{L}	R_		Net Tot	al Quantity	1.000 eac	:h
			Sa	y 1.000 each	n @ Rs 410).22 / each	Rs 4	10.22
34	1.32 Supplying and fixing s including providing an switch, connection etc.	d fixing 6 p	in 5/6 & 15	•				
	1.32	1					1.000	
					Tot	al Quantity	1.000 eac	:h
				То	tal Deducte	ed Quantity	0.000 eac	:h
					Net Tot	al Quantity	1.000 eac	
			Sa	y 1.000 each	n @ Rs 532	2.10 / each	Rs 5	32.10
35	90.3.20.3 Supply & installation of commissioning the light accessories and lamp fitting and giving conforming to relevant	t fittings of t s etc. direc nection with	following typ tly on wall n required	pes made of or ceiling wit length of 16	CRCA with th PVC rous 5/0.20mm 3	0.5mm thic and block ne core copp	kness comp atly painted er conduct	olete with a d to suit the or flex wire

	fixture	T			Г	Г		T
	90.3.20.3	3					3.000	
					Tota	al Quantity	3.000 ead	ch
				To	tal Deducte	d Quantity	0.000 ead	ch
					Net Tota	al Quantity	3.000 ead	ch
			Say	y 3.000 each	@ Rs 1206	.50 / each	Rs 3	619.50
36	90.11.1.10 Supply and insta MCB DB includin isolator etc. fixed making good the 42/43)	ng copper /bra on wall using	ss bus bar, n suitable anch	eutral link, e or bolts or fix	arth bus an ed in recess	d DIN rail s including c	suitable for cutting hole	fixing MC on the wa
	90.11.1.10	1	-//				1.000	
			136	W Y	Tota	al Quantity	1.000 ead	ch
		61	TAG	To	tal Deducte	d Quantity	0.000 ead	ch
)A	TDE		Net Tota	al Quantity	1.000 ead	ch
		8 / 3 /						
37	2.10.5 Supplying and fix	0 1 7	o 32 amps ra		15 volts, "C	" curve, mi	iniature circ	
37		tive load of fo	o 32 amps ra	ating, 240/4	15 volts, "C	" curve, mi	iniature circ	cuit breal
37	Supplying and fix suitable for inductand commissionir	tive load of fol ng etc. as requ	o 32 amps ra	ating, 240/4	15 volts, "C g MCB DB al	" curve, mi	iniature circ	cuit breations, test
37	Supplying and fix suitable for inductand commissionir	tive load of fol ng etc. as requ	o 32 amps ra	ating, 240/4 in the existin ble and neutr	15 volts, "C g MCB DB al	" curve, mi complete w al Quantity	iniature circ ith connect	cuit breations, test
37	Supplying and fix suitable for inductand commissionir	tive load of fol ng etc. as requ	o 32 amps ra	ating, 240/4 in the existin ble and neutr	15 volts, "C g MCB DB al Tota	" curve, mi complete w al Quantity	iniature circ ith connect 1.000 1.000 eac	cuit breations, test
37	Supplying and fix suitable for inductand commissionir	tive load of fol ng etc. as requ	o 32 amps ra lowing poles uired.Triple po	ating, 240/4 in the existin ble and neutr	Total Deducte Net Total	" curve, micomplete was al Quantity al Quantity	1.000 each	cuit breations, test
37	Supplying and fix suitable for inductand commissionir	tive load of foling etc. as required to the street of the	o 32 amps rating, four p	ating, 240/4' in the existing ple and neutr To y 1.000 each ole, (three p	Total Deducte Net Total Rs 1167 hase and note 300 milli	" curve, micomplete was al Quantity al Quantity 74 / each eutral), 415 amperes in	1.000 1.000 eac 0.000 eac 1.000 eac 1.000 eac to volts, reside the existing	cuit breations, test
	Supplying and fix suitable for induction and commissioning 2.10.5 2.15.2 Supplying and fix circuit breaker (Fixed Supplying and Fixed Supplying S	tive load of foling etc. as required to the street of the	o 32 amps rating, four p	ating, 240/4' in the existing ple and neutr To y 1.000 each ole, (three p	Total Deducte Net Total Rs 1167 hase and note 300 milli	" curve, micomplete was al Quantity al Quantity 74 / each eutral), 415 amperes in	1.000 1.000 eac 0.000 eac 1.000 eac 1.000 eac to volts, reside the existing	cuit breations, test
	Supplying and fix suitable for induction and commissioning 2.10.5 2.15.2 Supplying and fix circuit breaker (Fix complete with complete with complete with complete suitable	king following RCCB), having nections, te	o 32 amps rating, four p	ating, 240/4' in the existing ple and neutr To y 1.000 each ole, (three p	Total Deducte Net Total Rs 1167 hase and note 300 millinetc. as recommended.	" curve, micomplete was al Quantity al Quantity 74 / each eutral), 415 amperes in	1.000 1.000 eac 0.000 eac 1.000 eac 1.000 eac to volts, resident he existing	cuit breations, test ch ch 167.74 dual curreng MCB
	Supplying and fix suitable for induction and commissioning 2.10.5 2.15.2 Supplying and fix circuit breaker (Fix complete with complete with complete with complete suitable	king following RCCB), having nections, te	o 32 amps rating, four p	ating, 240/4' in the existing ble and neutr To y 1.000 each ole, (three power of the power of t	Total Deducte Net Total Rs 1167 hase and note 300 millinetc. as recommended.	" curve, micomplete was al Quantity d Quantity 74 / each eutral), 415 amperes in quired.40 a	1.000 1.000 eac 0.000 eac 1.000 eac 1.000 eac the existing mps 1.000	cuit breations, test ch ch dual curreng MCB
	Supplying and fix suitable for induction and commissioning 2.10.5 2.15.2 Supplying and fix circuit breaker (Fix complete with complete with complete with complete suitable	king following RCCB), having nections, te	o 32 amps rating, four p	ating, 240/4' in the existing ble and neutr To y 1.000 each ole, (three power of the power of t	Total Deducte Res 1167 Anase and note 300 milling etc. as reconstal Deducte	" curve, micomplete was al Quantity d Quantity 74 / each eutral), 415 amperes in quired.40 a	1.000 each of the existing mps	cuit breations, test ch ch dual curreng MCB
	Supplying and fix suitable for induction and commissioning 2.10.5 2.15.2 Supplying and fix circuit breaker (Fix complete with complete with complete with complete suitable	king following RCCB), having nections, te	o 32 amps rating poles sting four p g a sensitivity sting and con	ating, 240/4' in the existing ble and neutr To y 1.000 each ole, (three power of the power of t	Total Deducte Net Total (a) Rs 1167 (b) hase and note 300 milling etc. as reconstal Deducte Total Deducte Net Total Deducte Net Total Deducte Net Total Deducte Net Total Deducte	" curve, micomplete was Quantity d Quantity 74 / each eutral), 415 amperes in quired.40 and Quantity d Quantity d Quantity al Quantity al Quantity	1.000 eac	cuit breations, test ch ch dual curreng MCB

	Supplying and fixing suitable for inductive loand commissioning etc.		ed.Single po				ith connection	ons, test
	2.10.1	12					12.000	
					Tot	al Quantity	12.000 ea	ch
				To	otal Deducte	ed Quantity	0.000 eac	h
					Net Tot	al Quantity	12.000 ea	ch
			Say	12.000 eac	h @ Rs 226	.73 / each	Rs 27	720.76
40	od271072/2019_2020 Towards deposit with K	SEB for dr	awing of elec	tric line, se	tting up of tra	ansformer, c	other deposit	ts etc.
	od271072/2019_2020	1		0			1.000	
			JAN.	1991 L	Tot	al Quantity	1.000 eac	h
		-	£.2 W	To	otal Deducte	d Quantity	0.000 eac	h
		6	N B	3. N	Net Tot	al Quantity	1.000 eac	h
		IB	Say 1.0	000 each @	Rs 581450	.00 / each	Rs 581	1450.00
SI No	Description	11 123	100		() 1)			_
1	od66263/2020_2021 Earth work in excavat exceeding 30 cm in de	ion by me	nomeem	ans (Hydra	ulic excavat	MIG		over are
	od66263/2020_2021 Earth work in excavat	5 Appe	chanical mea	protection ans (Hydra	of rivers ulic excavat	tor)/manual all lead and	means d lift, dispose	over are
	od66263/2020_2021 Earth work in excavate exceeding 30 cm in de	5 Appe ion by med oth, includi ly dressed	chanical mea	protection ans (Hydra	of rivers ulic excavat	tor)/manual all lead and	means d lift, dispose	over are
	od66263/2020_2021 Earth work in excavate exceeding 30 cm in depto be levelled and neated Side Protection U/S	5 Appe	chanical mea ng disposal o and as direct	protection ans (Hydra of excavated ted by Engi	of rivers ulic excavate a earth, with neer in char	tor)/manual all lead and	means I lift, dispose of soil	over are
	od66263/2020_2021 Earth work in excavat exceeding 30 cm in del to be levelled and neat Side Protection U/S Left bank(0 to 50m) Side Protection U/S	5 Apperion by medoth, includingly dressed	chanical meang disposal of and as direct	protection ans (Hydra of excavated ed by Engi	ulic excavated earth, with neer in char	tor)/manual all lead and	means d lift, dispose of soil 2100.000	over are
	od66263/2020_2021 Earth work in excavate exceeding 30 cm in deto be levelled and neate Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S	5 Apperion by metoth, including dressed	chanical meang disposal of and as direct 50.000	protection ans (Hydra of excavated ed by Engi 6.000	ulic excavate earth, with neer in char 7.000	tor)/manual all lead and	means d lift, dispose of soil 2100.000	over are
	od66263/2020_2021 Earth work in excavate exceeding 30 cm in deto be levelled and neate Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S Right bank(0 to 50m) Side Protection U/S Right bank(0 to 50m)	5 Apperion by medoth, includingly dressed	chanical meang disposal of and as direct 50.000 150.000	protection ans (Hydra of excavated ed by Engi 6.000 5.500	d earth, with neer in char 7.000 6.000	tor)/manual all lead and	means d lift, dispose of soil 2100.000 4950.000	over are
	od66263/2020_2021 Earth work in excavate exceeding 30 cm in depto be levelled and neated Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S Right bank(0 to 50m) Side Protection U/S Right bank(50 to 200m) Side Protection U/S Right bank(50 to 200m) Side Protection D/S Right bank(50 to 200m)	5 Apperion by medoth, includingly dressed 1 1 1	chanical meang disposal of and as direct 50.000 150.000 150.000	protection ans (Hydra of excavated ed by Engi 6.000 5.500 6.000	dearth, with heer in char 7.000 6.000 6.000	tor)/manual all lead and	means d lift, dispose of soil 2100.000 4950.000 4950.000	over are
	od66263/2020_2021 Earth work in excavate exceeding 30 cm in deto be levelled and neate Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S Right bank(0 to 50m) Side Protection U/S Right bank(50 to 200m) Side Protection U/S Right bank(50 to 200m) Side Protection D/S Right bank(50 to 200m) Side Protection D/S Left Bank Side Protection D/S	5 Apperion by medoth, including dressed 1 1 1	chanical meang disposal of and as direct 50.000 150.000 150.000 100.000	protection ans (Hydra of excavated ed by Engi 6.000 5.500 5.500	7.000 6.000 7.000 5.500	tor)/manual all lead and	means d lift, dispose of soil 2100.000 4950.000 4950.000 2750.000	ed br>ea
	od66263/2020_2021 Earth work in excavate exceeding 30 cm in deto be levelled and neate Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S Right bank(0 to 50m) Side Protection U/S Right bank(50 to 200m) Side Protection U/S Right bank(50 to 200m) Side Protection D/S Right bank(50 to 200m) Side Protection D/S Left Bank Side Protection D/S	5 Apperion by medoth, including dressed 1 1 1	chanical meang disposal of and as direct 50.000 150.000 150.000 100.000	protection ans (Hydra of excavated ed by Engi 6.000 5.500 5.500 5.000	7.000 6.000 7.000 5.500	all lead and ge.All kinds	means d lift, dispose of soil 2100.000 4950.000 2750.000 2750.000	over are

			Say 19	600.000 cu	m @ Rs 175.14 / cum	Rs 343	2744.00
2	2.3.1.B Clearing and grubbing r trees girth up to 300 mr and stacking of service removal and disposal of In area of thorny jungle	m, remova eable mat of top org	Il of stumps o erial to be us anic soil not	f trees cut	earlier and disposal of tioned, up to a lead of	unserviceab	le materia
	Side Protection U/S Left bank(0 to 50m)	1	50.000	6.000	0.0	0.003	
	Side Protection U/S Left bank(50 to 200m)	1	150.000	5.500	0.0	0.009	
	Side Protection U/S right bank(0 to 50m)	1	50.000	6.000	0.0	0.003	
	Side Protection U/S right bank(50 to 200m)	1	150.000	5.500	0.0	0.009	
	Side Protection D/S Left Bank	1	100.000	5.000	0.0	0.005	
	Side Protection D/S Right Bank	1	100.000	5.000	0.0	0.005	
	()	ther E	ngineerii	ng Org	anisations Total Quantity	0.034 Hed	eter
			D	To	otal Deducted Quantity	0.000 Hed	eter
					Net Total Quantity	0.034 Hed	ter
			Say 0.034	Hecter @ F	Rs 133923.87 / Hecter	Rs 4	553.41
3	od66264/2020_2021 Bailing out water using above 5HP and up to 1 other stores, pay of sta	10HP, incl	uding convey	•	•	fuel, lubrica	
		500				500.000	
					Total Quantity	500.000 h	
				To	otal Deducted Quantity	0.000 hou	
					Net Total Quantity	500.000 h	
			Say 5	500.000 hou	ur @ Rs 317.74 / hour	Rs 158	3870.00
4	12.8.F.1.1 Plain/Reinforced Cem Specifications PCC Grade M30 - Using		-	n Foundati	on complete as per D	rawing and	Technic

	Side Protection U/S Left bank(0 to 50m)	1	50.000	6.000	0.800		240.000	
	Side Protection U/S Left bank(50 to 200m)	1	150.000	5.500	0.800		660.000	
	Side Protection U/S right bank(0 to 50m)	1	50.000	6.000	0.800		240.000	
	Side Protection U/S right bank(50 to 200m)	1	150.000	5.500	0.800		660.000	
	Side Protection D/S Left Bank	1	100.000	5.000	0.600		300.000	
	Side Protection D/S Right Bank	1	100.000	5.000	0.600		300.000	
			E.9 1	1 3:3	Tota	al Quantity	2400.000	cum
		1	J. J	Тс	otal Deducte	d Quantity	0.000 cum	1
		16			Net Tota	al Quantity	2400.000	cum
		1155	Sav 24	00.000 cum	@ Rs 8829).87 / cum	Rs 2119	1688.00
	Side Protection U/S Left bank(0 to 50m)	ther Er	ngineeri	ng Orga (.7+.4)/2	anisatio 6.200	ns 7	170.501	
		ther Er	ngineeri	ng Orga	anisatio	ns		
	Side Protection U/S Left bank(50 to 200m)	1	150.000	(.7+.4)/2	5.200		429.000	
	Side Protection U/S right bank(0 to 50m)	1	50.000	(.7+.4)/2	6.200		170.501	
	Side Protection U/S							
	right bank(50 to 200m)	1	150.000	(.7+.4)/2	5.200		429.000	
	, ,	1	150.000	(.7+.4)/2	5.200 4.900		429.000 269.501	
	200m) Side Protection D/S			,				
	200m) Side Protection D/S Left Bank Side Protection D/S	1	100.000	(.7+.4)/2	4.900 4.900	al Quantity	269.501	cum
	200m) Side Protection D/S Left Bank Side Protection D/S	1	100.000	(.7+.4)/2 (.7+.4)/2	4.900 4.900		269.501 269.501	
	200m) Side Protection D/S Left Bank Side Protection D/S	1	100.000	(.7+.4)/2 (.7+.4)/2	4.900 4.900 Total		269.501 269.501 1738.004	1
	200m) Side Protection D/S Left Bank Side Protection D/S	1	100.000	(.7+.4)/2 (.7+.4)/2	4.900 4.900 Total	d Quantity	269.501 269.501 1738.004 0.000 cum 1738.004	1
6	200m) Side Protection D/S Left Bank Side Protection D/S	1	100.000	(.7+.4)/2 (.7+.4)/2	4.900 4.900 Total Deducte Net Total	d Quantity	269.501 269.501 1738.004 0.000 cum 1738.004	cum

	Supply, Fitting and Pla Reinforcement in Found MORTH specification<	dation com	•	•			•	
	Side Protection U/S Left bank(0 to 50m)	1	50.000	6.000	0.800	0.04	9.600	
	Side Protection U/S Left bank(50 to 200m)	1	150.000	5.500	0.800	0.04	26.401	
	Side Protection U/S right bank(0 to 50m)	1	50.000	6.000	0.800	0.04	9.600	
	Side Protection U/S right bank(50 to 200m)	1	150.000	5.500	0.800	0.04	26.401	
	Side Protection D/S Left Bank	1	100.000	5.000	0.600	0.04	12.000	
	Side Protection D/S Right Bank	1	100.000	5.000	0.600	0.04	12.000	
		1 A			Tota	al Quantity	96.002 M	Γ
		1576	Ka	То	tal Deducte	d Quantity	0.000 MT	
		700			Net Tota	al Quantity	96.002 M	Γ
		.1 I		96.002 MT			Rs 879	0589.21
7	0066267/2020_2021		ngineeri		_	_		
	Supply, Fitting and Pla Reinforcement in Sub s MORTH specifications<	tructure co						
	Reinforcement in Sub s	tructure co						
	Reinforcement in Sub s MORTH specifications Side Protection U/S	tructure co	omplete as pe	er Drawing a	and Technic	al Specificat	tions and as	
	Reinforcement in Sub s MORTH specifications Side Protection U/S Left bank(0 to 50m) Side Protection U/S	tructure co	50.000	er Drawing a	and Technic	al Specification	6.821	
	Reinforcement in Sub s MORTH specifications Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S	tructure co	50.000 150.000	(.7+.4)/2	6.200 5.200	0.04	6.821 17.160	
	Reinforcement in Sub s MORTH specifications Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S right bank(0 to 50m) Side Protection U/S right bank(50 to	tructure co	50.000 150.000 50.000	(.7+.4)/2 (.7+.4)/2 (.7+.4)/2	6.200 5.200 6.200	0.04 0.04 0.04	6.821 17.160 6.821	
	Reinforcement in Sub s MORTH specifications Side Protection U/S Left bank(0 to 50m) Side Protection U/S Left bank(50 to 200m) Side Protection U/S right bank(0 to 50m) Side Protection U/S right bank(50 to 200m) Side Protection U/S right bank(50 to 200m) Side Protection D/S	tructure co	50.000 150.000 150.000	(.7+.4)/2 (.7+.4)/2 (.7+.4)/2	6.200 5.200 6.200 5.200	0.04 0.04 0.04	6.821 17.160 6.821 17.160	

				To	tal Deducte	d Quantity	0.000 MT	
						al Quantity	69.524 M	 Г
			Say	/ 69.524 MT				5278.83
8	od66268/2020_2021 PVC WEEP HOLES- Fincluding cost of mater	_	-	_	-	-	g pressure	4kg /sq.cm
		1	500.000				500.000	
					Tota	al Quantity	500.000 m	netre
				To	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	500.000 m	netre
			Say 50	0.000 metre	@ Rs 127.4	14 / metre	Rs 63	720.00
SI No	Description	No	110	В	D	CF	Quantity	Remark
	removal and disposal In area of light jungle - E			an or be				
	left bank right bank	ther En	169.665	15.000 15.000	anisatio	0.0 0.0	0.188 0.255	ter
		1		15.000		0.0	0.255 0.443 Hed	
		1		15.000	otal Deducte	0.0	0.255	cter
		1	169.665	15.000	otal Deducte Net Tota	0.0 al Quantity d Quantity al Quantity	0.255 0.443 Hec 0.000 Hec 0.443 Hec	cter
2		on by mec	Say 0.44 hanical mea	3 Hecter @	Net Tota Rs 52614.6 ulic excavat I earth, with	0.0 al Quantity d Quantity al Quantity 1 / Hecter or)/manual all lead and	0.255 0.443 Hec 0.000 Hec 0.443 Hec Rs 23 means lift, dispose	cter cter 308.27 cover areas
2	od66263/2020_2021 Earth work in excavati exceeding 30 cm in dep	on by mec	Say 0.44 hanical mea	3 Hecter @	Net Tota Rs 52614.6 ulic excavat I earth, with	0.0 al Quantity d Quantity al Quantity 1 / Hecter or)/manual all lead and	0.255 0.443 Hec 0.000 Hec 0.443 Hec Rs 23 means lift, dispose	cter cter 308.27 cover areas
2	od66263/2020_2021 Earth work in excavati exceeding 30 cm in depto be levelled and neatl	on by mecoth, including dressed a	Say 0.44 hanical mea	3 Hecter @ ans (Hydrau of excavated ted by Engir	Net Total Rs 52614.6 ulic excavat I earth, with	0.0 al Quantity d Quantity al Quantity 1 / Hecter or)/manual all lead and	0.255 0.443 Heco 0.000 Heco 0.443 Heco Rs 23 means lift, dispose of soil of soil 	eter eter 308.27 over areas
2	right bank od66263/2020_2021 Earth work in excavati exceeding 30 cm in depto be levelled and neatl left bank for counterfort	on by mecoth, including dressed a	Say 0.44 hanical meang disposal cand as direct	3 Hecter @ ans (Hydrau of excavated ted by Engir	Net Total Rs 52614.6 ulic excavat l earth, with neer in charg	0.0 al Quantity d Quantity al Quantity 1 / Hecter or)/manual all lead and	0.255 0.443 Hed 0.000 Hed 0.443 Hed Rs 23 means diff, dispose of soil 410.000	eter eter 308.27 over areas
2	right bank od66263/2020_2021 Earth work in excavati exceeding 30 cm in dep to be levelled and neatl I eft bank for counterfort left bank cc wall right bank for	on by mecoth, including dressed at 2	Say 0.44 hanical means disposal cand as directand 62.500	3 Hecter @ ans (Hydrau of excavated ted by Engir 4.100 1.900	Net Total Rs 52614.6 Ulic excavat I earth, with neer in charg 0.800 0.600	0.0 al Quantity d Quantity al Quantity 1 / Hecter or)/manual all lead and	0.255 0.443 Hec 0.000 Hec 0.443 Hec Rs 23 means lift, dispose of soil 410.000 142.500	eter eter 308.27 over areas

				To	tal Deducte	d Quantity	0.000 cum	<u> </u>
				10		al Quantity	1299.480	
			Say 1	299.480 cur		-		7590.93
3	12.8.A.1 Plain/Reinforced Cem Specifications. PCC Grade M15	ent Conc	•				rawing and	Technica
	levelling course for cc wall left side	2	62.500	2.100	0.100		26.250	
	levelling course for cc wall right side	2	84.500	2.100	0.100		35.490	
	foundation for cc wall left side	2	62.500	1.900	0.500		118.750	
	foundation for cc wall rght side	2	84.500	1.900	0.500		160.550	
		CE	11/10	33367	Tota	al Quantity	341.040 c	um
		182	L	То	tal Deducte	d Quantity	0.000 cum	า
	16	KUE			Net Tota	al Quantity	341.040 c	um
			Say 3	341.040 cum	@ Rs 7504	.48 / cum	Rs 255	9327.86
4	12.8.E.2.1 Plain/Reinforced Cem Specifications. RCC Grade M25 - With	ent Conc	N I	n Foundatio	on complete	e as per D	rawing and	Technica
	left bank counterfort foundation	2	62.500	4.100	0.800		410.000	
	right bank counterfort foundation	2	84.500	4.100	0.800		554.320	
					Tota	al Quantity	964.320 c	um
				То	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	964.320 c	um
			Say 9	964.320 cum	@ Rs 8074	.06 / cum	Rs 778	5977.54
5	13.5.A Plain/Reinforced cemen PCC Grade M15 - Heigl			ture complet	e as per dra	wing and T	echnical Spe	ecifications
	left bank cc wall	2	62.500	(1.3+.3)/2	3.000	-	300.000	
	right bank cc wall	2	84.500	(1.3+.3)/2	3.000		405.600	

				10	otal Deducte	d Quantity	0.000 cum	l
					Net Tot	al Quantity	705.600 c	um
			Say 7	05.600 cum	@ Rs 7937	7.43 / cum	Rs 560	0650.61
6	13.5.B Plain/Reinforced Ce Specifications PCC Grade M20 - Heig			o-structure	complete	as per dr	awing and	Techni
	left bank counterfort	2*21	(.5*2.7*6)		0.300		102.060	
	right bank countefort	2*28	(.5*2.7*6)		0.300		136.080	
	left bank stem	2	62.500	0.400	6.000		300.000	
	right bank stem	2	84.500	0.400	6.000		405.600	
			Mis		Tot	al Quantity	943.740 c	um
		_	E. L W	To	otal Deducte	d Quantity	0.000 cum	1
		619	N. B	Sh. //	Net Tot	al Quantity	943.740 c	um
			Cov.O	10.710	@ Do 0700	25 / oum	De 821	8418.23
7	od244803/2020_2021 Supply, Fitting and Pla Reinforcement in Four MORTH specification<	ndation com	n bonded epo	Drawing a	(confirm to	IS 13620-19 al Specifica	993) HYSD tions and as	bar or T
7	Supply, Fitting and Pla Reinforcement in Four MORTH specification<	ndation com	n bonded epo	oxy coatedo Drawing a	(confirm to	IS 13620-19 al Specifica	993) HYSD tions and as	bar or T
7	Supply, Fitting and Pla Reinforcement in Four	ndation com	n bonded epo	oxy coatedo Drawing a	(confirm to	IS 13620-19 al Specifica	993) HYSD	bar or T
7	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3	ndation con dr> 341.040	n bonded epo	oxy coatedo Drawing a	(confirm to nd Technic 0.040	IS 13620-19 al Specifica	993) HYSD tions and as	bar or T
7	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3	ndation con dr> 341.040	n bonded epo	oxy coatedo Drawing a	(confirm to nd Technic 0.040	IS 13620-19 al Specifica al Specifica	993) HYSD tions and as 13.642	bar or T
7	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3	ndation con dr> 341.040	n bonded epo	oxy coatedo Drawing a	(confirm to nd Technic 0.040 0.160 Tot	IS 13620-19 al Specifica al Specifica	13.642 154.292	bar or T per14.:
7	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3	ndation con dr> 341.040	n bonded epon nplete as per	oxy coatedor Drawing a	(confirm to nd Technic 0.040 0.160 Tot	IS 13620-19 al Specifica al Quantity d Quantity al Quantity	13.642 154.292 167.934 N	bar or T per14.3
8	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3	acingFusior tructure cor	Say 1	oxy coatedor Drawing a oxy Coatedor To	(confirm to nd Technic 0.040 0.160 Tot otal Deducte Net Tot @ Rs 9387 (confirm to	IS 13620-19 al Specifica al Quantity d Quantity al Quantity 7.07 / MT	13.642 154.292 167.934 N 0.000 MT 167.934 N Rs 1576	bar or T per14 IT 65151.8
	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3 item no:4 od241904/2020_2021 Supply, Fitting and Pla Reinforcement in subs	acingFusior tructure cor	Say 1	oxy coatedor Drawing a oxy Coatedor To	(confirm to nd Technic 0.040 0.160 Tot otal Deducte Net Tot @ Rs 9387 (confirm to	IS 13620-19 al Specifica al Quantity d Quantity al Quantity 7.07 / MT	13.642 154.292 167.934 N 0.000 MT 167.934 N Rs 1576	bar or T per14.2 IT S5151.8
	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3 item no:4 od241904/2020_2021 Supply, Fitting and Pla Reinforcement in subs MORTH specifications	acingFusior tructure cor	Say 1	oxy coatedor Drawing a oxy Coatedor To	(confirm to nd Technic 0.040 0.160 Tot otal Deducte Net Tot @ Rs 9387 (confirm to	IS 13620-19 al Specifica al Quantity d Quantity al Quantity 7.07 / MT	993) HYSD tions and as 13.642 154.292 167.934 M 0.000 MT 167.934 M Rs 1576	bar or T s per14.2 1T 65151.83
	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3 item no:4 od241904/2020_2021 Supply, Fitting and Pla Reinforcement in subs MORTH specifications item no:5	acingFusior tructure cor	Say 1	oxy coatedor Drawing a oxy Coatedor To	(confirm to nd Technical 0.040 0.160 Total Deducte Net Total @ Rs 9387 (confirm to and Technical description of the confirm to and Technical description of the confirmation o	IS 13620-19 al Specifica INS al Quantity d Quantity 77.07 / MT IS 13620-19 al Specificat 0.04	993) HYSD tions and as 13.642 154.292 167.934 M 0.000 MT 167.934 M Rs 1576	bar or T per14.2
	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3 item no:4 od241904/2020_2021 Supply, Fitting and Pla Reinforcement in subs MORTH specifications item no:5	acingFusior tructure cor	Say 1	To Topy coated or Drawing and Orgonia Topy coated or Drawing and Drawing an	(confirm to nd Technical 0.040 0.160 Total Deducte Net Total @ Rs 9387 (confirm to and Technical description of the confirm to and Technical description of the confirmation o	IS 13620-19 al Specifica INS al Quantity d Quantity 77.07 / MT IS 13620-19 al Specificat 0.04 0.15 al Quantity	993) HYSD tions and as 13.642 154.292 167.934 M 0.000 MT 167.934 M Rs 1576 993) HYSD tions and as 28.224 141.561	bar or T per14.:
	Supply, Fitting and Pla Reinforcement in Four MORTH specification item no:3 item no:4 od241904/2020_2021 Supply, Fitting and Pla Reinforcement in subs MORTH specifications item no:5	acingFusior tructure cor	Say 1	To Topy coated or Drawing and Orgonia Topy coated or Drawing and Drawing an	(confirm to nd Technical 0.040 0.160 Total Deducte Net Total Confirm to and Technical Total Deducte Total Deducte Total Deducte Total Deducte Total Deducte Total Deducte	IS 13620-19 al Specifica INS al Quantity d Quantity 77.07 / MT IS 13620-19 al Specificat 0.04 0.15 al Quantity	993) HYSD tions and as 13.642 154.292 167.934 M 0.000 MT 167.934 M Rs 1576 150 Sinns and as 28.224 141.561 169.785 M	bar or T per14.2 TT S5151.83 bar or T per 13.0

	including cost of mater	ials, conve	eyance, labo	our charges	etc. comple	ete.		
		1	350.000				350.000	
					Tota	al Quantity	350.000 m	netre
				To	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	350.000 m	netre
			Say 35	0.000 metre	@ Rs 127.4	14 / metre	Rs 44	604.00
SI No	Description	No	L	В	D	CF	Quantity	Rema
7	7 Appendix G-1 Fabricati	on ,Supply	/ & Erection	of MS & S	S embedde	d parts(4)	Nos of shut	ter)
1	85.101 Supply of MS plates co	nfirming to	IS 2062GrB	including co	st of convey	vance charg	jes	
	V	ertical Gate	es- 12.65x2.	5 (4nos) Se	condary Em	bedded Par	ts	
	Plate 16mm - Wheel track base-web	2*4	8.870	0.200	0.016	7850.0	1782.516	
	Plate 16mm - Wheel track base-flange	4*4	8.870	0.200	0.016	7850.0	3565.031	
	Wheel track Stiffener Plate -10mm Plate	36*4	0.200	0.092	0.010	7850.0	207.994	
	guide track-web- 20mm Plate	ther ^{2*4} Er	gineeri	ng ^{0.120} ng	0.020 anisatio	7850.0	1336.887	
	s i I I t r a c k b a s e - Alignment plate-10mm plate	26*4	0.300	0.100	0.010	7850.0	244.920	
	sill track Stiffener Plate-8mm Plate	24*4	0.225	0.060	0.008	7850.0	81.389	
	Sill- Corner plate1- 8mm Plate	2*4	0.160	0.120	0.008	7850.0	9.647	
	Sill- Corner plate2- 8mm Plate	2*4	0.237	0.180	0.008	7850.0	21.433	
	Guide Fixing plate- 10mm Plate	36*4	0.150	0.100	0.010	7850.0	169.560	
	8mm Plate- Seal track	36*4	0.470	0.100	0.008	7850.0	425.031	
	Bottom Plate Corner- 8mm Plate	2*4	0.140	0.090	0.008	7850.0	6.331	
	Plate for Seal- 8mm	2*4	0.229	0.145	0.008	7850.0	16.683	

	Anchoring plate- Primary-wheel track	36*4	0.200	0.100	0.010	7850.0	226.081	
	Anchoring plate- Primary-wheel track	18*4	0.100	0.100	0.010	7850.0	56.521	
	Anchoring plate- Primary-guide track	36*4	0.150	0.100	0.010	7850.0	169.560	
	Anchoring plate- Primary-sill beam	26*4	0.300	0.100	0.010	7850.0	244.920	
	Anchoring plate- Primary-Seal track	72*4	0.100	0.100	0.010	7850.0	226.081	
	Plate for dogging beam	4*4	0.400	0.400	0.012	7850.0	241.153	
			110		Tota	al Quantity	9031.738	kg
		1	£3 B	To	otal Deducte	d Quantity	0.000 kg	
		610	N A	SIA	Net Tota	al Quantity	9031.738	kg
		1 5		Say 9031.73	88 kg @ Rs	64.18 / kg	Rs 579	9656.94
2	85.102 Supply of MS Tees, An charges	gles, Joists	, ISMB, ISM	C confirmino	g to IS20620	GrA/B includ	ding cost of o	conveyance
	0	ther Ef	rimary &Se	condary Em	bedded Par	ts IIS	T	
	ISA 75x75x6	18*4	0.080		1	6.8	39.168	
	angle for Alignment - Sill- ISA35x35x6	1*4	12.900		广上	3.0	154.800	
	Angle for Alignment - RollerTrack-IS A 3 5 x 3 5 x 6	2*4	8.870			3.0	212.880	
	Angle for Alignment - Roller Track- SIDEISA35x35x6	2*4	8.870			3.0	212.880	
	Angle for Alignment - Seal Track side- ISA35x35x6	4*4	8.870			3.0	425.760	
	Angle for Alignment - Guide Track side- ISA35x35x6	2*4	8.870			3.0	212.880	
	ISA 130x130x10- Seal track base	2*4	8.870			19.7	1397.912	

	ISA for sill - ISA 80x80x8	2*4	0.150			9.6	11.520	
	Sill Beam- ISMB 250x125	1*4	12.900			37.3	1924.680	
					Tota	al Quantity	4592.480	kg
				To	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	4592.480	kg
			;	Say 4592.48	80 kg @ Rs (66.13 / kg	Rs 303	3700.70
3	85.107 Supply of MS round bar	r including c	cost of conve	eyance char	ges			
			@E	mbeded par	ts			
	Wheel track base- Secondary Alignment rod,ISRO 16	72*4	0.165			1.58	74.987	
	Wheel track base- (side) - Secondary Alignment rod,ISRO	18*4	0.115			1.58	13.066	
	guide track base- Secondary Alignment rod,ISRO 16	72*4 ther En	.0.110 gineeri	ng Orga	anisatio	1.58 NS	49.992	
	silltrackbase- Secondary Alignment rod,ISRO 16	52*4	0.170		E	1.58	55.799	
	vertical seal track b a s e - S e c o n d a r y Alignment rod 1,ISRO	36*4	0.125			1.58	28.404	
	vertical seal track b a s e - S e c o n d a r y Alignment rod 2,ISRO 16	36*4	0.315			1.58	71.579	
	Primary anchor rod for base plates-dia 16mm	286*4	0.310			1.58	559.622	
	anchor rod- dogging beam- dia 16mm	16*4	0.350			1.58	35.348	
					Tota	al Quantity	888.797 k	g
				To	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	888.797 k	g

				Say 888.79	7 kg @ Rs	64.18 / kg	Rs 57	042.99
4	od325333/2020_2021 Supply of MS Bolts and	l Nuts						
				Nut -M16				
	Nut -M16	572*4				0.04	91.520	
					Tota	al Quantity	91.520 kg	
				To	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	91.520 kg	
				Say 91.52	20 kg @ Rs	77.77 / kg	Rs 71	117.51
5	85.108 Fabrication, erection a accessories as per app of labour, machinery already supplied	roved spec	ifications, d	rawings and	directions of	of deptl offic	er at site ind	cluding cos
		Vertical Ga	tes- 12.65x2	2.5 (4nos) P	rimary Embe	edded Parts	5	I .
	Anchoring plate- Primary-wheel track	36*4	0.200	0.100	0.010	7850.0	226.081	
	Anchoring plate- Primary-wheel track	18*4	0.100	0.100	0.010	7850.0	56.521	
	Anchoring plate- Primary-guide track	36*4	gineeri 0.150	ng Org	anisatio 0.010	ns 7850.0	169.560	
	Anchoring plate- Primary-sill beam	26*4	0.300	0.100	0.010	7850.0	244.920	
	Anchoring plate- Primary-Seal track	72*4	0.100	0.100	0.010	7850.0	226.081	
	Plate for dogging beam	4*4	0.400	0.400	0.012	7850.0	241.153	
			Е	mbeded par	ts			
	Wheel track base- Secondary Alignment rod,ISRO 16	72*4	0.165			1.58	74.987	
	Wheel track base- (side) - Secondary Alignment rod,ISRO	18*4	0.115			1.58	13.066	
	guide track base- Secondary Alignment rod,ISRO 16	72*4	0.110			1.58	49.992	

silltrackbase- Secondary Alignment rod,ISRO 16	52*4	0.170			1.58	55.799	
vertical seal track b a s e - S e c o n d a r y Alignment rod 1,ISRO 16	36*4	0.125			1.58	28.404	
vertical seal track b a s e - S e c o n d a r y Alignment rod 2,ISRO 16	36*4	0.315			1.58	71.579	
Primary anchor rod for base plates-dia 16mm	286*4	0.310	B.		1.58	559.622	
anchor rod- dogging beam- dia 16mm	16*4	0.350			1.58	35.348	
	Prin	nary &	Secondary E	Embedded P	arts		
ISA 75x75x6	18*4	0.080	MACA	MAI	6.8	39.168	
angle for Alignment - Sill- ISA35x35x6	1*4	12.900			3.0	154.800	
Angle for Alignment - RollerTrack-IS A35x35x6	ther En	.8.870 gineeri	ng Org	anisatio	3.0	212.880	
Angle for Alignment - Roller Track- SIDEISA35x35x6	2*4	8.870		E	3.0	212.880	
Angle for Alignment - Seal Track side- ISA35x35x6	4*4	8.870			3.0	425.760	
Angle for Alignment - Guide Track side- ISA35x35x6	2*4	8.870			3.0	212.880	
ISA 130x130x10- Seal track base	2*4	8.870			19.7	1397.912	
ISA for sill - ISA 80x80x8	2*4	0.150			9.6	11.520	
Sill Beam- ISMB 250x125	1*4	12.900			37.3	1924.680	
V	ertical Gate	es- 12.65x2.	5 (4nos) Se	condary Eml	bedded Par	ts	

	Plate 16mm - Wheel							
	track base-web	2*4	8.870	0.200	0.016	7850.0	1782.516	
	Plate 16mm - Wheel track base-flange	4*4	8.870	0.200	0.016	7850.0	3565.031	
	Wheel track Stiffener Plate -10mm Plate	36*4	0.200	0.092	0.010	7850.0	207.994	
	guide track-web- 20mm Plate	2*4	8.870	0.120	0.020	7850.0	1336.887	
	s i I I t r a c k b a s e - Alignment plate-10mm plate	26*4	0.300	0.100	0.010	7850.0	244.920	
	sill track Stiffener Plate-8mm Plate	24*4	0.225	0.060	0.008	7850.0	81.389	
	Sill- Corner plate1- 8mm Plate	2*4	0.160	0.120	0.008	7850.0	9.647	
	Sill- Corner plate2- 8mm Plate	2*4	0.237	0.180	0.008	7850.0	21.433	
	Guide Fixing plate- 10mm Plate	36*4	0.150	0.100	0.010	7850.0	169.560	
	8mm Plate- Seal track	36*4	0.470	0.100	0.008	7850.0	425.031	
	Bottom Plate Corner- 8mm Plate	ther Er	gineeri 0.140	ng Org	anisatic 0.008	ns 7850.0	6.331	
	Plate for Seal- 8mm	2*4	0.229	0.145	0.008	7850.0	16.683	
					Tota	al Quantity	14513.015	kg
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	14513.015	kg
			Sa	ay 14513.01	5 kg @ Rs	75.59 / kg	Rs 109	7038.80
6	od325605/2020_2021 Fabrication, Supply, er and alignment by weld and directions of deptletc,lead and lift, conve	ing SS Emb	pedded parts	s in 304L G g cost of all	rade as per materials,	approved s	specification	s, drawings
			SS	embeded p	arts			
	Track -for Wheel	2*4	8.870	0.100	0.012	7850.0	668.444	
	Seal track vertical 80x8mm SS-304 flat	2*4	8.870	0.080	0.008	7850.0	356.504	

				1		1		
	Sillbeampad 140x8mm SS-304 flat	1*4	12.800	0.140	0.008	7850.0	450.151	
	side seal bottom with	2*4	0.150	0.090	0.008	7850.0	6.783	
					Tota	al Quantity	1481.882	kg
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	1481.882	kg
			S	ay 1481.882	2 kg @ Rs 4	88.03 / kg	Rs 72:	3202.87
SI No	Description	No	L	В	D	CF	Quantity	Remark
	8 Appendix G-2 Supply	of materia	ls, fabricati	on,painting	and erection	on of 4No o	of MS shutte	er.
1	85.101 Supply of MS plates co	nfirming to	- 1 W	including co		ance charg	es	
	Skin plate	1*4	12.650	2.500	0.010	7850.0	9930.251	
	End box	4*4	2.500	0.510	0.010	7850.0	1601.400	
	End box stiffener	16*4	0.510	0.110	0.010	7850.0	281.847	
	Box stiffener	4*4	0.250	0.110	0.010	7850.0	34.540	
	Cover Plate	4*4	0.160	0.140	0.010	7850.0	28.135	
	Eccentric plate-Da	ther ₄ En	gineeri	ng.140g	anisatio	ns _{7850.0}	49.236	
	Pad plate(outer) for roller	4*4	0.140	0.070	0.010	7850.0	12.309	
	Pad plate(inner)	4*4	0.160	0.140	0.010	7850.0	28.135	
			Но	rizontal Gir	der			
	Plate for Girder- Web	2*4	12.370	1.200	0.010	7850.0	9322.032	
	Plate for Girder- Flange	2*4	12.840	0.200	0.010	7850.0	1612.705	
	Plate 2- for Web	28*4	1.050	0.090	0.010	7850.0	830.844	
			Ve	ertical Stiffer	ner			
	Full depth Stiffener-1(Top)	3*4	1.200	0.819	0.010	7850.0	925.798	
	Full depth Stiffener-2 (Middle)	3*4	1.200	1.140	0.010	7850.0	1288.656	
	Full depth Stiffener-3 (Middle-below lifting)	2*4	1.200	1.130	0.010	7850.0	851.568	

			ı		1		
Full depth Stiffener-4 (Bottom)	5*4	1.200	0.490	0.010	7850.0	923.160	
Vertical Stiffener (Top)	26*4	0.819	0.150	0.010	7850.0	1002.948	
Vertical Stiffner (Middile)	26*4	1.140	0.150	0.010	7850.0	1396.044	
Vertical Stiffner (Bottom)	26*4	0.490	0.150	0.010	7850.0	600.054	
Full depth stiffener flange	5*4	0.950	0.150	0.010	7850.0	223.725	
		S	eal Assemb	ly			
Plate for Seal fixing-1	2*4	2.415	0.105	0.020	7850.0	318.491	
Plate for Seal fixing-2	2*4	0.090	0.105	0.006	7850.0	3.561	
Bottom Seal Clamp	1*4	11.762	0.080	0.010	7850.0	295.462	
Bottom seal support	1*4	11.762	0.020	0.020	7850.0	147.731	
	(1)	AND F	Side Guide	42			
Side guide fixing plate	4*4	0.200	0.200	0.012	7850.0	60.289	
guide wheel plate-1	8*4	0.210	0.093	0.010	7850.0	49.060	
guide wheel plate-2	4*4	0.116	0.068	0.030	7850.0	29.722	
Supporting Plate	th e t4En	g j0.150 rj	n 0.040 g	an0.040ic	n 7 850.0	30.145	
	D = 1		Pulley	1 T			
Plates for pulley bracket	4*4	0.760	0.300	0.016	7850.0	458.189	
Lock Plate	8*4	0.120	0.050	0.010	7850.0	15.073	
Spacer (ID-92,OD- 185)-8mm thick	4*4	0.185	0.185	0.008	7850.0	34.390	
Pulleybracket- Stiffener1	4*4	0.580	0.790	0.010	7850.0	575.500	
Pulleybracket- Stiffener2	4*4	0.580	0.270	0.010	7850.0	196.690	
		Doggir	ng beam- M	S plate			
Flange Plate- Dogging beam	4*4	1.450	0.120	0.016	7850.0	349.671	
Web plate- Dogging beam	4*4	1.450	0.200	0.016	7850.0	582.784	
Plate - End	4*4	0.220	0.100	0.016	7850.0	44.212	
Cross support- inside	12*4	0.200	0.088	0.012	7850.0	79.581	

					Tota	al Quantity	34213.938	kg	
				To	otal Deducte	d Quantity	0.000 kg		
					Net Tota	al Quantity	34213.938	kg	
			S	Say 34213.93	88 kg @ Rs (64.18 / kg	Rs 219	5850.54	
2	85.102 Supply of MS Tees, And charges	gles, Joists	, ISMB, ISM	IC confirming	g to IS20620	GrA/B includ	ling cost of a	conveyar	
			[Dogging bear	m			т.	
	Side support for beam-ISA 75x75x8	8*4	0.232			8.9	66.074		
			in.	Shutter			1	1	
	TopHorizontal Bracing ISMC -150x75	1*4	12.370			16.4	811.472		
	For Vertical stiffener ISA-75x75x8	4*4	1.140	57	LI	8.9	162.336		
	Seal Assembly-ISA 75x75x8	2*4	2.500			8.9	178.000		
		70			Tota	al Quantity	1217.882	kg	
			No.		otal Deducte	d Quantity	0.000 kg		
	Other Engineering Organisations Net Total Quantity 1217.882 kg								
3	Say 1217.882 kg @ Rs 66.13 / kg								
			Skin	Plate and En	nd Box				
	Nut and Bolts (M16)- 40 LG	28*4				0.12	13.440		
	Nut and Bolts (M16)- 30 LG	16*4				0.1	6.400		
	Nut and Bolts (M16)- 80 LG -For Seal assebmly	66*4				0.18	47.520		
	Nut and Bolts (M16)- 60 LG -For Seal assebmly	146*4				0.15	87.600		
	Nut and Bolts (M16)- 40 LG -For side guide	16*4				0.12	7.680		

	Nut and Bolts (M16)- 30 LG-Pulley	16*4				0.1	6.400	
					Tota	al Quantity	169.040 k	g
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	169.040 k	g
				Say 169.04	10 kg @ Rs	77.77 / kg	Rs 13	146.24
4	85.107 Supply of MS round bar	r including o	cost of conve	eyance char	ges			
			Dogging	Beam-4 no's	s shutters	T		
	End hook-16mm Dia	4*4	0.305			1.57	7.662	
			Ca	125	Tota	al Quantity	7.662 kg	
			- N	To	otal Deducte	d Quantity	0.000 kg	
		1	34 9		Net Tota	al Quantity	7.662 kg	
		11	D. III	Say 7.66	62 kg @ Rs	64.18 / kg	Rs 4	91.75
	Fabrication and supply drawings and direction incidental and handling	ns of deptl	officer at sit etc complet	e including e but exclu	cost of lab	our, machir material a	nery, all lead	ds and lifts
	Skin plate	1*4	12.650	2.500	0.010	7850.0	9930.251	
	End box	4*4	2.500	0.510	0.010	7850.0	1601.400	
	End box stiffener	16*4	0.510	0.110	0.010	7850.0	281.847	
	Box stiffener	4*4	0.250	0.110	0.010	7850.0	34.540	
	Cover Plate	4*4	0.160	0.140	0.010	7850.0	28.135	
	Eccentric plate-Dia	4*4	0.140	0.140	0.020	7850.0	49.236	
	Pad plate(outer) for roller	4*4	0.140	0.070	0.010	7850.0	12.309	
	Pad plate(inner)	4*4	0.160	0.140	0.010	7850.0	28.135	
			Но	prizontal Giro	der			
	Plate for Girder- Web	2*4	12.370	1.200	0.010	7850.0	9322.032	
	Plate for Girder-	2*4	12.840	0.200	0.010	7850.0	1612.705	
	Flange	2 4				7 000.0	10121100	
	Flange Plate 2- for Web	28*4	1.050	0.090	0.010	7850.0	830.844	

Full 1(To	depth Stiffener-	3*4	1.200	0.819	0.010	7850.0	925.798	
	depth Stiffener-2	3*4	1.200	1.140	0.010	7850.0	1288.656	
	depth Stiffener-3 dle-below lifting)	2*4	1.200	1.130	0.010	7850.0	851.568	
	depth Stiffener-4 tom)	5*4	1.200	0.490	0.010	7850.0	923.160	
Verti	ical Stiffener (Top)	26*4	0.819	0.150	0.010	7850.0	1002.948	
	rticalStiffn Middile)	26*4	1.140	0.150	0.010	7850.0	1396.044	
	rticalStiffn Bottom)	26*4	0.490	0.150	0.010	7850.0	600.054	
Full flan	depth stiffener ge	5*4	0.950	0.150	0.010	7850.0	223.725	
			s	eal Assemb	ly			
Plate	e for Seal fixing-1	2*4	2.415	0.105	0.020	7850.0	318.491	
Plate	e for Seal fixing-2	2*4	0.090	0.105	0.006	7850.0	3.561	
Botto	om Seal Clamp	1*4	11.762	0.080	0.010	7850.0	295.462	
Botto	om seal support 🔾	ther4En	g11.76211	ngo.020 g	an o.020 10	117 850.0	147.731	
				Side Guide	1 T	7		
Side	guide fixing plate	4*4	0.200	0.200	0.012	7850.0	60.289	
guid	e wheel plate-1	8*4	0.210	0.093	0.010	7850.0	49.060	
guid	e wheel plate-2	4*4	0.116	0.068	0.030	7850.0	29.722	
Supp	porting Plate	4*4	0.150	0.040	0.040	7850.0	30.145	
				Pulley				
	tes for pulley cket	4*4	0.760	0.300	0.016	7850.0	458.189	
Lock	c Plate	8*4	0.120	0.050	0.010	7850.0	15.073	
	cer (ID-92,OD-)-8mm thick	4*4	0.185	0.185	0.008	7850.0	34.390	
	leybracket- ffener1	4*4	0.580	0.790	0.010	7850.0	575.500	
	leybracket- ffener2	4*4	0.580	0.270	0.010	7850.0	196.690	
			Doggir	ng beam- M	S plate			

	Flange Plate- Dogging beam	4*4	1.450	0.120	0.016	7850.0	349.671	
	Web plate- Dogging beam	4*4	1.450	0.200	0.016	7850.0	582.784	
	Plate - End	4*4	0.220	0.100	0.016	7850.0	44.212	
	Cross support- inside	12*4	0.200	0.088	0.012	7850.0	79.581	
			Б	ogging bea	m			
	Side support for beam-ISA 75x75x8	8*4	0.232			8.9	66.074	
				Shutter			,	
	TopHorizontal Bracing ISMC -150x75	1*4	12.370	a)		16.4	811.472	
	For Vertical stiffener ISA-75x75x8	4*4	1.140			8.9	162.336	
	Seal Assembly-ISA 75x75x8	2*4	2.500		1	8.9	178.000	
		102	Ma		Tot	al Quantity	35431.820	kg
		100		To	otal Deducte	ed Quantity	0.000 kg	
			Had	a ano		al Quantity	35431.820	kg
		ther En	igineeri	ay 35431.82				kg 7244.21
6	Painting all the exposed paint confirming to IS1 coats of priming coat ap 70+/-5 microns, so that than 350 microns over the of all materials, labour of the exposed of the	d surfaces of 4948 with a splied with a time total factor of the grit blasscharges, co	of the gate as a minimum string primer of ilm thickness ted and cleans ost of testing	and embedo film thickne containing no s of all coat aned surface g all painting	led parts wi ss of 150+/ ot less than is including e to class A g materials	62.86 / kg th two coats -5 microns 85% of zinc priming coa standard of	Rs 222 s of epoxy coper each coper on dry film to at any rate.	7244.21 pal tar black at over two chickness of e is not less cluding cost
6	85.113 Painting all the exposed paint confirming to IS1 coats of priming coat ap 70+/-5 microns, so that than 350 microns over the second sec	d surfaces of 4948 with a splied with a tithe total factoring the grit blass charges, containing the direction of the surface direction of the surface of th	of the gate as a minimum string primer of ilm thickness ted and cleans ost of testing	and embedo film thickne containing no s of all coat aned surface g all painting ant officers a	led parts wi ss of 150+/ ot less than is including e to class A g materials t site	th two coats -5 microns 85% of zinc priming coa standard of , all incident	Rs 222 s of epoxy coper each coper on dry film to at any rate.	7244.21 pal tar black at over two chickness of e is not less cluding cost
6	Painting all the exposed paint confirming to IS1 coats of priming coat ap 70+/-5 microns, so that than 350 microns over the of all materials, labour of the exposed of the	d surfaces of 4948 with a splied with a tithe total factoring the grit blass charges, containing the direction of the surface direction of the surface of th	of the gate as a minimum rainc primer of ilm thickness ted and clear ost of testing of departments	and embedo film thickne containing no s of all coat aned surface g all painting ant officers a	led parts wi ss of 150+/ ot less than is including e to class A g materials t site	th two coats -5 microns 85% of zinc priming coa standard of , all incident	Rs 222 s of epoxy coper each coper on dry film to at any rate.	7244.21 pal tar black at over two chickness of e is not less cluding cost
6	85.113 Painting all the exposed paint confirming to IS1 coats of priming coat ap 70+/-5 microns, so that than 350 microns over to fall materials, labour etc complete as per the	d surfaces of 4948 with a splied with a time total factor of the grit blass charges, or a direction of Sk	of the gate as a minimum string primer of ilm thickness and clear ost of testing of departments in Plate & and lear the string of the string o	and embedo film thickne containing no s of all coat aned surface g all painting at officers a mp;amp; En	led parts wi ss of 150+/ ot less than is including e to class A g materials t site	th two coats -5 microns 85% of zinc priming coa standard of , all incident	Rs 222 s of epoxy coper each coper each coper at any rate of IS14177 indicated charges,	7244.21 pal tar black at over two chickness of e is not less cluding cost
6	85.113 Painting all the exposed paint confirming to IS1 coats of priming coat ap 70+/-5 microns, so that than 350 microns over to fall materials, labour etc complete as per the Skin plate	d surfaces of 4948 with a splied with 2 the total factor of the grit blas charges, or a direction of Sk	of the gate as a minimum strinc primer of ilm thickness ated and cleans of testing of department of department in Plate & and 12.650	and embedo film thickne containing no s of all coat aned surface g all painting at officers a mp;amp; En	led parts wi ss of 150+/ ot less than is including e to class A g materials t site	th two coats -5 microns 85% of zinc priming coa standard of , all incident	Rs 222 s of epoxy coper each coper each coper at any rate at any rate at any rate at any rate at any rate at a second at a	7244.21 pal tar black at over two chickness of e is not less cluding cost
6	85.113 Painting all the exposed paint confirming to IS1 coats of priming coat ap 70+/-5 microns, so that than 350 microns over to fall materials, labour of etc complete as per the Skin plate End box	d surfaces of 4948 with a splied with zet the total factor of the grit blast charges, or a direction of the	of the gate as a minimum rainc primer of ilm thickness ated and cleans of testing of department in Plate & ar 12.650	and embedo film thickne containing no s of all coat aned surface g all painting at officers a mp;amp; En 2.500	led parts wi ss of 150+/ ot less than is including e to class A g materials t site	th two coats -5 microns 85% of zinc priming coa standard of , all incident	Rs 222 s of epoxy coper each coper each coper each state any rate of IS14177 indicated charges, 253.000 40.800	7244.21 pal tar black at over two chickness of e is not less cluding cost
6	Painting all the exposed paint confirming to IS1 coats of priming coat ap 70+/-5 microns, so that than 350 microns over to fall materials, labour etc complete as per the Skin plate End box End box stiffener	d surfaces of 4948 with a splied with zet the total factor of the grit blast charges, or a direction of the	of the gate as a minimum rainc primer of ilm thickness sted and cleans of testing of department in Plate & ar 12.650 2.500 0.510	and embedo film thickne containing no s of all coat aned surface g all painting at officers at mp;amp; En 2.500 0.510	led parts wi ss of 150+/ ot less than is including e to class A g materials t site	th two coats -5 microns 85% of zinc priming coa standard of , all incident tter 2.0 2.0	Rs 222 s of epoxy coper each coper each coper each state any rate of IS14177 indicated charges, 253.000 40.800 7.181	7244.21 pal tar black at over two chickness of e is not less cluding cost

Pad plate(outer) for roller	4*4	0.140	0.070		2.0	0.314	
Pad plate(inner)	4*4	0.160	0.140		2.0	0.717	
		Нс	rizontal Giro	der			
Plate for Girder- Web	2*4	12.370	1.200		2.0	237.504	
Plate for Girder- Flange	2*4	12.840	0.200		2.0	41.088	
Plate 2- for Web	28*4	1.050	0.090		2.0	21.168	
		Ve	ertical Stiffer	ner			
Full depth Stiffener- 1(Top)	3*4	1.200	0.819		2.0	23.588	
Full depth Stiffener-2 (Middle)	3*4	1.200	1.140		2.0	32.832	
Full depth Stiffener-3 (Middle-below lifting)	2*4	1.200	1.130		2.0	21.696	
Full depth Stiffener-4 (Bottom)	5*4	1.200	0.490		2.0	23.520	
Vertical Stiffener (Top)	26*4	0.819	0.150		2.0	25.553	
VerticalStiffner(Middile)	ther Er	gineeri	0.150 ng Urg	anisation	2.0	35.568	
VerticalStiffner(Bottom)	26*4	0.490	0.150	T	2.0	15.288	
Full depth stiffener flange	5*4	0.950	0.150		2.0	5.700	
		S	eal Assemb	ly			
Plate for Seal fixing-1	2*4	2.415	0.105		2.0	4.058	
Plate for Seal fixing-2	2*4	0.090	0.105		2.0	0.152	
Bottom Seal Clamp	1*4	11.762	0.080		2.0	7.528	
Bottom seal support	1*4	11.762	0.020		2.0	1.882	
			Side Guide	<u> </u>		1	
Side guide fixing plate	4*4	0.200	0.200		2.0	1.281	
guide wheel plate-1	8*4	0.210	0.093		2.0	1.250	
guide wheel plate-2	4*4	0.116	0.068		2.0	0.253	
 Supporting Plate	4*4	0.150	0.040		2.0	0.192	
			Pulley				

	Plates for pulley	A * A	0.760	0.200		2.0	7 200	
	bracket	4*4	0.760	0.300		2.0	7.296	
	Lock Plate	8*4	0.120	0.050		2.0	0.384	
	Spacer (ID-92,OD- 185)-8mm thick	4*4	0.185	0.185		2.0	1.096	
	Pulleybracket- Stiffener1	4*4	0.580	0.790		2.0	14.663	
	Pulleybracket- Stiffener2	4*4	0.580	0.270		2.0	5.012	
			Doggir	ng beam- M	S plate			
	Flange Plate- Dogging beam	4*4	1.450	0.120		2.0	5.568	
	Web plate- Dogging beam	4*4	1.450	0.200	7	2.0	9.280	
	Plate - End	4*4	0.220	0.100	$T \downarrow 1$	2.0	0.705	
	Cross support- inside	12*4	0.200	0.088	MA	2.0	1.690	
		102	D	ogging bear	m	el-		
	Side support for beam-ISA 75x75x8	8*4	0.232		STREET	0.3	2.228	
	0	ther En	gineeri	n Shutterg	anisatio	ns		
	TopHorizontal Bracing ISMC -150x75	1*4	12.370		7 F	0.6	29.688	
	For Vertical stiffener ISA-75x75x8	4*4	1.140			0.3	5.472	
	Seal Assembly-ISA 75x75x8	2*4	2.500			0.3	6.000	
					Tota	al Quantity	893.420 s	qm
				To	otal Deducte	d Quantity	0.000 sqm	1
		al Quantity	893.420 s	qm				
		3.89 / sqm	Rs 946	6033.50				
7	85.111 Erection of the gates s	-	•	-	•	-		-
		Sk	kin Plate &ar	mp;amp; En	d Box- Shut	ter		
	Skin plate	1*4	12.650	2.500	0.010	7850.0	9930.251	
	Okiii piate		12.000	2.000	0.010	7000.0	0000.201	

End box stiffener	16*4	0.510	0.110	0.010	7850.0	281.847	
Box stiffener	4*4	0.250	0.110	0.010	7850.0	34.540	
Cover Plate	4*4	0.160	0.140	0.010	7850.0	28.135	
Eccentric plate-D 140	ia 4*4	0.140	0.140	0.020	7850.0	49.236	
Pad plate(outer) for roller	or 4*4	0.140	0.070	0.010	7850.0	12.309	
Pad plate(inner)	4*4	0.160	0.140	0.010	7850.0	28.135	
		Но	rizontal Giro	der			
Plate for Girder- Web	2*4	12.370	1.200	0.010	7850.0	9322.032	
Plate for Girde Flange	r- 2*4	12.840	0.200	0.010	7850.0	1612.705	
Plate 2- for Web	28*4	1.050	0.090	0.010	7850.0	830.844	
	610	Ve	ertical Stiffer	ner			
Full depth Stiffene	r- 3*4	1.200	0.819	0.010	7850.0	925.798	
Full depth Stiffener (Middle)	-2 3*4	1.200	1.140	0.010	7850.0	1288.656	
Full depth Stiffener	III h ⊕7*4 H 1	gi1:200 ri	ng 1.130 g	an ė.910 ic	n 7 850.0	851.568	
Full depth Stiffener	5*4	1.200	0.490	0.010	7850.0	923.160	
Vertical Stiffener (Top	26*4	0.819	0.150	0.010	7850.0	1002.948	
VerticalStiff er(Middile)	n 26*4	1.140	0.150	0.010	7850.0	1396.044	
VerticalStiff er(Bottom)	n 26*4	0.490	0.150	0.010	7850.0	600.054	
Full depth stiffend	er 5*4	0.950	0.150	0.010	7850.0	223.725	
		S	eal Assemb	ly			
Plate for Seal fixing-1	2*4	2.415	0.105	0.020	7850.0	318.491	
Plate for Seal fixing-2	2 2*4	0.090	0.105	0.006	7850.0	3.561	
Bottom Seal Clamp	1*4	11.762	0.080	0.010	7850.0	295.462	
Bottom seal support	1*4	11.762	0.020	0.020	7850.0	147.731	
		1			1	1	
			Side Guide				

					1		
guide wheel plate-1	8*4	0.210	0.093	0.010	7850.0	49.060	
guide wheel plate-2	4*4	0.116	0.068	0.030	7850.0	29.722	
Supporting Plate	4*4	0.150	0.040	0.040	7850.0	30.145	
			Pulley				
Plates for pulley bracket	4*4	0.760	0.300	0.016	7850.0	458.189	
Lock Plate	8*4	0.120	0.050	0.010	7850.0	15.073	
Spacer (ID-92,OD- 185)-8mm thick	4*4	0.185	0.185	0.008	7850.0	34.390	
Pulleybracket- Stiffener1	4*4	0.580	0.790	0.010	7850.0	575.500	
Pulleybracket- Stiffener2	4*4	0.580	0.270	0.010	7850.0	196.690	
	1	Doggir	ig beam- M	S plate			
Flange Plate- Dogging beam	4*4	1.450	0.120	0.016	7850.0	349.671	
Web plate- Dogging beam	4*4	1.450	0.200	0.016	7850.0	582.784	
Plate - End	4*4	0.220	0.100	0.016	7850.0	44.212	
Cross support- inside	her Er	gineeri 0.200	ng _{0.088} g	anisatio 0.012	ns 7850.0	79.581	
	7	D	ogging bear	m			
Side support for beam-ISA 75x75x8	8*4	0.232			8.9	66.074	
			Shutter				
TopHorizontal Bracing ISMC -150x75	1*4	12.370			16.4	811.472	
For Vertical stiffener ISA-75x75x8	4*4	1.140			8.9	162.336	
Seal Assembly-ISA 75x75x8	2*4	2.500			8.9	178.000	
		Skin F	late and En	nd Box			
Nut and Bolts (M16)- 40 LG	28*4				0.12	13.440	
Nut and Bolts (M16)- 30 LG	16*4				0.1	6.400	

			1										
	Nut and Bolts (M16)- 80 LG -For Seal assebmly	66*4				0.18	47.520						
	Nut and Bolts (M16)- 60 LG -For Seal assebmly	146*4				0.15	87.600						
	Nut and Bolts (M16)- 40 LG -For side guide	16*4				0.12	7.680						
	Nut and Bolts (M16)- 30 LG-Pulley	16*4				0.1	6.400						
			Dogging	Beam-4 no's	s shutters								
	End hook-16mm Dia	4*4	0.305	P.		1.57	7.662						
			1/10		Tota	al Quantity	35608.522	kg					
		d Quantity	0.000 kg										
		al Quantity											
		15		Say 35608.5	522 kg @ Rs	6.09 / kg	Rs 216	855.90					
SI No	Description	No	L	В	D	CF	Quantity	Remark					
	9 Ap	pendix G-	3 Supplying	g and fixing	of rubber s	eals							
1	85.116 Supplying and fixing in to IS 11855 to the gate conveyance charges conveyance char	s including	cost of SS per approv	bolts and nu	ut all labour tion and dra	and machin		-					
	Flat type rubber seals	1*4	11.976				47.904						
	71		I		Tota	al Quantity	47.904 me	etre					
				To	tal Deducte		0.000 met	re					
					Net Tota	al Quantity	47.904 me	etre					
			Say 47	.904 metre (@ Rs 1905.	10 / metre	Rs 91	261.91					
2	85.117 Supplying and fixing in correct position with specified initial interface the Angular ty confirming to IS11855 to the gates including cost of SS bolts and nuts and all labour and incidental and conveyance charges complete as per approved specifications and drawing												
	incidental and conveya	nce charge											
	incidental and conveya	nce charge	· · · · · · · · · · · · · · · · · · ·	Vertical Sea		cations and	drawings						
	Angular type rubber seal	2*4	· · · · · · · · · · · · · · · · · · ·				20.000						
	Angular type rubber				l	al Quantity		etre					
	Angular type rubber			Vertical Sea	l	al Quantity	20.000						

					Net Tota	al Quantity	20.000 me	otre
			Say 20	.000 metre	@ Rs 2971.2	•		424.00
SI No	Description	No	L	В	D	CF	Quantity	Remark
	10 Ap	pendix G-4	Supplying	and fixing	of roller ass	sembly		
1	od331296/2020_2021 Supplying and fixing cashaft and 22214E self and drawings including conveyance charges	aligning sp	herical rolle all materials	r bearing ar	nd accessor	ies as per a	approved sp	ecification
	Dia 250mm thrust roller assembly	4*4	(C)	,A			16.000	
			11	71.5	Tota	al Quantity	16.000 no	
			43 8	To	otal Deducte	d Quantity	0.000 no	
		16.000 no						
	Say 16.000 no @ Rs 26887.59 / no							201.44
SI No	Description	No	L	В	D	CF	Quantity	Remark
1	85.103 Supply of MS checquer	ther Er		ng Org of conveyablesting platfo	7	ns		
	MS cheqquered plate 6mm-1	2*4	3.320	2.030		49.2	2652.707	
	MS cheqquered plate 6mm-2	4*4	0.935	0.745		49.2	548.344	
	MS cheqquered plate 6mm-3	2*4	0.820	0.300		49.2	96.826	
	MS cheqquered plate 6mm-4	2*4	0.880	0.445		49.2	154.134	
	MS cheqquered plate	1*4	2.030	2.080		49.2	830.969	
	6mm-5				1	i .		
	6mm-5 MS cheqquered plate 6mm-6	1*4	2.030	1.840		49.2	735.088	
	MS cheqquered plate	1*4 1*4	2.030	1.840 0.365		49.2 49.2	735.088	

	MS chequered plate 6mm	18*2	1.340	0.300		49.2	712.023	
					Tota	al Quantity	6751.543 kg)
				То	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	6751.543 kg)
			S	Say 6751.54	3 kg @ Rs	73.33 / kg	Rs 4950	90.65
2	85.101 Supply of MS plates cor	nfirming to	IS 2062GrB	including co	st of convey	ance charg	les	
			Hoisting	g Bridge-MS	Plates	T		
	Longitudinal Girder flange -16mm MS Plate	4*4	14.220	0.150	0.016	7850.0	4286.477	
	Longitudinal Girder web -10mm MS Plate	2*4	14.220	1.200	0.010	7850.0	10716.192	
	Stiffener End	16*4	1.216	0.170	0.010	7850.0	1038.562	
	Base Plate 1 -20mm MS Plate	4*4	0.450	0.360	0.020	7850.0	406.944	
	Base Plate 2 -10mm MS Plate	4*4	0.450	0.360	0.010	7850.0	203.472	
	Base Plate 3 -10mm MS Plate	ther Er	gineeri 0.360	ng Orga	anisatic 0.010	ns 7850.0	198.951	
	PlateforPulley supporting channel	8*4	0.910	0.065	0.010	7850.0	148.585	
	Plateformotor supporting channel	4*4	1.010	0.065	0.010	7850.0	82.457	
	Plateforcrosss upports	26*4	1.060	0.065	0.010	7850.0	562.500	
	Plate for Web stiffener	40*4	1.200	0.065	0.010	7850.0	979.680	
	Plate for pulley block	4*4	0.792	0.550	0.016	7850.0	875.382	
	Locking plate for pullry block	8*4	0.120	0.050	0.010	7850.0	15.073	
	Spacer for pulley	4*4	0.180	0.180	0.008	7850.0	32.556	
	Plate-10mm	4*4	0.150	0.150	0.010	7850.0	28.260	
	Anchoring plate-10mm Plate	36*4	0.100	0.100	0.010	7850.0	113.041	
	Base plate for worm reducer	1*4	0.375	0.300	0.010	7850.0	35.325	

Stiffener plate for worm reducer	4*4	0.090	0.090	0.010	7850.0	10.174	
Supporting plate	2*4	0.135	0.100	0.010	7850.0	8.479	
base plate-1 for brake	1*4	0.350	0.125	0.010	7850.0	13.738	
base plate-2	4*4	0.065	0.065	0.010	7850.0	5.307	
base plate-1 for motor	1*4	0.220	0.200	0.010	7850.0	13.817	
Stiffener for motor base plate-1	1*4	0.100	0.054	0.010	7850.0	1.696	
Stiffener for motor base plate-2	2*4	0.065	0.065	0.010	7850.0	2.654	
Drive unit Cover 3.15 mm plate-1	2*4	1.355	0.965	0.00315	7850.0	258.665	
Drive unit Cover 3.15 mm plate-2	2*4	0.965	0.820	0.00315	7850.0	156.535	
Drive unit Cover 3.15 mm plate-3	1*4	1.400	0.820	0.00315	7850.0	113.549	
Drum frame support- 1- 20mm plate	4*4	0.460	0.350	0.020	7850.0	404.432	
Drum frame support- 2- 20mm plate	4*4 ther En	0.280 gineeri	0.100	0.020 anisatio	7850.0	70.337	
Drum frame support- 3- 10mm plate	2*4	0.690	0.060	0.010	7850.0	26.000	
Drum frame support- 4- 10mm plate	2*4	1.540	0.060	0.010	7850.0	58.028	
stiffener-1- support for drum frame	8*4	0.220	0.080	0.010	7850.0	44.212	
stiffener-2- support for drum frame	4*4	0.150	0.080	0.010	7850.0	15.073	
stiffener-3- support for drum frame	10*4	0.226	0.130	0.010	7850.0	92.254	
stiffener-4- support for drum frame	2*4	0.222	0.070	0.010	7850.0	9.760	
base plate-1 for plummer block- drum	4*4	0.275	0.090	0.020	7850.0	62.172	
base plate-2 for plummer block- drum	4*4	0.255	0.090	0.030	7850.0	86.476	
Stiffener plate- Gear box cover	2*4	0.096	0.035	0.005	7850.0	1.056	

				1	1	T-	1	Г
	Gear box cover -1 (3.15 mm sheet)	2*4	2.400	0.480	0.00315	7850.0	227.889	
	Gear box cover -2 (3.15 mm sheet)	4*4	1.455	0.675	0.00315	7850.0	388.568	
	Plate cover -3.15mm gear box	2*4	0.310	0.210	0.00315	7850.0	12.879	
	Base plate for worm reducer- dial indicator	1*4	0.450	0.300	0.008	7850.0	33.912	
	Stiffener plate-1 (Dial i n d i c a t o r - w o r m r e d u c e r)	2*4	0.150	0.185	0.010	7850.0	17.428	
	Stiffener plate-2 (Dial i n d i c a t o r - w o r m r e d u c e r)	1*4	0.150	0.170	0.010	7850.0	8.008	
	BasePlatefor plummer block (Dial indicator)	1*4	0.260	0.090	0.010	7850.0	7.348	
	Stiffener plate (Dial indicator-Plummer block)	2*4	0.100	0.090	0.010	7850.0	5.652	
	Support plate bottom- Dial indicator	th & †4En	gi0:236 ri	ngo.210g	an 0:010 10	n 7 850.0	31.124	
					Tota	al Quantity	21910.679	kg
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	21910.679	kg
			S	ay 21910.67	79 kg @ Rs	64.18 / kg	Rs 140	6227.38
3	85.102 Supply of MS Tees, An charges	gles, Joists	, ISMB, ISM	C confirming	g to IS20620	GrA/B includ	ling cost of o	conveyance
	Frame for pulley (ISMC 300X90)	4*4	2.090			35.8	1197.152	
	Support for Drum (ISMC 200x75)	2*4	2.090			22.1	369.512	
	Support1 for Drum (ISMC 150X75)	4*4	0.670			16.4	175.808	
	Support-2 for Drum- (ISMC 150X75)	2*4	0.989			16.4	129.757	

Extensionplatf orm(ISMC150X 75)	14*4	0.550			16.4	505.120	
Cross support for girder(ISMC 150X75)	13*4	2.090			16.4	1782.352	
Supportfor channel(ISA65x65x6)	40*4	0.100			5.8	92.800	
Support for handrail - bottom(ISA65x65x6)	2*4	14.220			5.8	659.808	
S u p p o r t - 1 (I S A 6 5 x 6 5 x 6)	1*4	1.500			5.8	34.800	
Handrail posts(ISA 50x50x6)	28*4	1.2500	A		4.5	630.000	
Support for extension channel catwalk(ISA 75x5x8)	14*4	0.150			8.9	74.760	
Cross support for Catwalk(ISA 75x75x8)	14*4	0.665			8.9	331.437	
Drive unit frame-1 (ISMC -150x75)	2*4	1.550			16.4	203.360	
Drive unit frame (2) (ISMC -150x75)	ther ₄ En	gin 700 ri	ng Orga	anisatio	^{11S} 16.4	91.840	
Drive unit frame-3 (ISMC -150x75)	1*4	0.700			16.4	45.920	
Leg- Hand operating mechanism -ISA 75x75x8	4*4	0.800			8.9	113.921	
Support 1- stool Legtop- ISA 75x75x8	2*4	0.400			8.9	28.481	
Support 2- Stool Leg - ISA 75x75x8	2*4	0.500			8.9	35.600	
support for worm r e d u c e r - I S A 1 0 0 x 1 0 0 x 8	2*4	0.700			12.1	67.760	
support for brake unit- ISA 75x75x8	2*4	0.700			8.9	49.840	
support for motor- ISA 75x75x8	2*4	0.700			8.9	49.840	

support for plumm lock-ISAISA 0x100x8		0.250			12.1	12.100	
Drive unit Cover fr 1 - B o t t o m - I S 5 x 3 5 x 6		0.840			3.0	20.160	
Drive Unit Co frame 2- Bottom 35x35x6		0.986			3.0	23.664	
Drive Unit Co	2*4	0.274			3.0	6.577	
Leg for Cover- I	. Δ*Δ	1.000	(A)		3.0	48.000	
Cover frame top-1 p e d r u m - I S A x 3 5 x 6		0.770		TO	3.0	18.480	
cover frame top-2 p e d r u m - I S A x 3 5 x 6	100 J. J. J. Janes	1.400			3.0	33.600	
Top frame suppo p e d r u m - I S A x 3 5 x 5		0.770 ngineeri	ng Org	anisatio	2.6 NS	16.017	
Cover Frame-1- 0 box-ISA 35x35x5	1 4*4	2.400		F	2.6	99.840	
Cover Frame-2- 0 box-ISA 35x35x5	/ /*/	0.490			2.6	20.384	
Cover Frame-3- (box-ISA 35x35x5	2*4	0.836			2.6	17.389	
Cover Frame- 4 - a r b o x - I S A 3 5 5 x 5		0.059			2.6	2.455	
Cover Frame- 5 - a r b o x - I S A 3 5 5 x 5		0.230			2.6	4.785	
Cover Frame- 6 - a r b o x - I S A 3 5 5 x 5		0.420			2.6	34.944	
Rope drum suppo frame 1- ISMC 250	2 2*4	1.540			30.4	374.528	

Rope drum supporting frame 2- ISMC 250x80	2*4	0.670			30.4	162.944	
Rope drum supporting frame 3- ISMC 250x80	2*4	0.850			30.4	206.720	
Rope drum supporting frame 4- ISMC 250x80	2*4	0.453			30.4	110.170	
Rope drum supporting frame 5- ISMC 250x80	2*4	0.770			30.4	187.264	
Rope drum supporting frame 6-ISMC 250x80	2*4	0.210			30.4	51.072	
L a d d e r s l a n d - l S M C 2 0 0 x 7 5	2*2	6.000	.a		22.1	530.401	
Support ladder sland- ISMB 200x100	2*2	2.730			25.4	277.368	
Support ladder sland- ISMC 200x75	2*2	1.500	52		22.1	132.601	
Hand rail post ladder- ISA 50x50x6	10*2	1.200			4.5	108.000	
Hand rail ladder - ISA 40x40x6	4*2	9.925	in of \$2		3.5	277.901	
ladder Step frame 1- ISA 40x40x6	ther En	gineeri 1.340	ng Orga	anisatio	ns 3.5	450.241	
ladder Step frame 2- ISA 40x40x6	48*2	0.300			3.5	100.800	
Hinge post - ISMC 200X75	2*2	1.200			22.1	106.080	
Gate frame vertical - ISA 50x50x6	8*2	1.200			4.5	86.400	
Gate frame horizontal ISA 50x50x6	5*2	1.500			4.5	67.500	
supportfordial indicator-ISM C 100x50	2*4	0.880			9.2	64.768	
supportfordial indicator needle-ISA 50x50x6	2*4	0.050			4.5	1.800	
MS Flat for Hand rail 1 - 50x8 mm	4*4	13.635	0.050	0.008	7850.0	685.023	

	MS Flat for Hand rail 2 - 50x8 mm	2*4	1.600	0.050	0.008	7850.0	40.193	
	MS Flat-1 for gear box cover 50x5 mm	4*4	0.945	0.050	0.005	7850.0	29.673	
	MS Flat-2 for gear box cover 50x5 mm	2*4	1.245	0.050	0.0050	7850.0	19.547	
					Tota	al Quantity	11099.257	kg
		d Quantity	0.000 kg					
		al Quantity	11099.257	kg				
			S	ay 11099.25	57 kg @ Rs	66.13 / kg	Rs 733	3993.87
4	85.107 Supply of MS round bar							
			MS rods	- hoisting b	ridge unit			
	Anchor bolt dia 25mmbase plate hoisting	36*4	0.750	3/		3.85	415.800	
	Handle for drive unit cover-16mm	2*4	0.260			1.58	3.287	
	Handle 1- for rope drum cover -16mm	4*4 ther En	0.300	ng Org	anisatio	1.58	7.584	
	Handle 2- for rope der -16mmrum cov	2*4	0.400			1.58	5.057	
	Handle 3- for rope drum cover -16mm	2*4	0.280			1.58	3.540	
					Tota	al Quantity	435.268 k	g
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	435.268 k	g
				Say 435.26	88 kg @ Rs	64.18 / kg	Rs 27	935.50
5	od331683/2020_2021 Supply of MS Bolts and	Nuts						_
				Nut & bolts				
	Handrail - M16	84*4	0.035			0.11	1.294	
	for Locking plate- M16	16*4	0.035			0.11	0.247	
	Nut for anchor rod dia 25- M24	8*4*4	0.050			0.1	0.641	
	for drum -M16	8*4	0.100			0.21	0.672	

for drum cover-M16	16*4	0.030			0.1	0.192			
for EM brake fixing- M12	24*4	0.100			0.12	1.153			
for worm reducer fixing- M30	4*4	0.135			1.14	2.463			
for plummer block-line shaft M-16	8*4	0.135			0.26	1.124			
				Tota	al Quantity	7.786 kg			
	Total Deducted Quantity 0.0 Net Total Quantity 7.7								
		n.	Say 7.78	36 kg @ Rs	77.77 / kg	Rs 6	05.52		
Fabrication and supply covers for hoisting unit including cost of labour etc complete but exclude	etc as per a , machinery	approved sp v, incidental	pecifications and handlir	, drawings a ng charges f	and direction or fixing ha	ns of deptl of ndrails and a	fficer at site		
	(19)	Hoisting	unit - 4no's	shutters	S)	T	Г		
Frame for pulley (ISMC 300X90)	4*4	2.090	ia el		35.8	1197.152			
Support for Drum (ISMC 200x75)	thor4En	gi2.0901i	ng Org	anisatio	NS 22.1	369.512			
Support1 for Drum (ISMC 150X75)	4*4	0.670			16.4	175.808			
Support-2 for Drum- (ISMC 150X75)	2*4	0.989			16.4	129.757			
Extensionplatf orm(ISMC150X 75)	14*4	0.550			16.4	505.120			
Cross support for girder(ISMC 150X75)	13*4	2.090			16.4	1782.352			
Supportfor channel(ISA65x65x6)	40*4	0.100			5.8	92.800			
Support for handrail - bottom(ISA65x65x6)	2*4	14.220			5.8	659.808			
Support-1(ISA 65x65x6)	1*4	1.500			5.8	34.800			
Handrail posts(ISA 50x50x6)	28*4	1.2500			4.5	630.000			

				I			
Support for extension channel catwalk(ISA 75x5x8)	14*4	0.150			8.9	74.760	
Cross support for Catwalk(ISA 75x75x8)	14*4	0.665			8.9	331.437	
Drive unit frame-1 (ISMC -150x75)	2*4	1.550			16.4	203.360	
Drive unit frame-2 (ISMC -150x75)	2*4	0.700			16.4	91.840	
Drive unit frame-3 (ISMC -150x75)	1*4	0.700			16.4	45.920	
Leg- Hand operating mechanism -ISA 75x75x8	4*4	0.800	A.		8.9	113.921	
Support 1- stool Legtop- ISA 75x75x8	2*4	0.400	SX		8.9	28.481	
Support 2- Stool Leg - ISA 75x75x8	2*4	0.500		Lib	8.9	35.600	
support for worm r e d u c e r - I S A 1 0 0 x 1 0 0 x 8	2*4	0.700			12.1	67.760	
support for brake unit- ISA 75x75x8	2*4	0.700			8.9	49.840	
support for motor- ISA 75x75x8	2*4	0.700			8.9	49.840	
support for plummer b lock-ISAISA10 0x100x8	1*4	0.250			12.1	12.100	
Drive unit Cover frame 1 - B o t t o m - I S A 3 5 x 3 5 x 6	2*4	0.840			3.0	20.160	
Drive Unit Cover frame 2- Bottom-ISA 35x35x6	2*4	0.986			3.0	23.664	
Drive Unit Cover frame 3- ISA 35x35x6	2*4	0.274			3.0	6.577	
Leg for Cover- rope drum-ISA 35x35x6	4*4	1.000			3.0	48.000	

Cover frame top-1- r op e d r u m - I S A 3 5 x 3 5 x 6		0.770			3.0	18.480	
cover frame top-2- r o p e d r u m - I S A 3 5 x 3 5 x 6		1.400			3.0	33.600	
Top frame supportr of pedrum-ISA35		0.770			2.6	16.017	
Cover Frame-1- Geal	4*4	2.400			2.6	99.840	
Cover Frame-2- Geal	4*4	0.490	a		2.6	20.384	
Cover Frame-3- Geal	2*4	0.836		1	2.6	17.389	
Cover Frame- 4 - G e a r b o x - I S A 3 5 x 3 5 x 5	E 25	0.059	34	13	2.6	2.455	
Cover Frame- 5 - G e a r b o x - I S A 3 5 x 3 5 x 5	A second second	0.230	10 01 12 A		2.6	4.785	
Cover Frame- 6 - G e a r b o x - I S A 3 5 x 3 5 x 5		gineeri 0.420	ng Org	anisatio	ns 2.6	34.944	
Rope drum supporting frame 1- ISMC 250x80	1 '7^A	1.540			30.4	374.528	
Rope drum supporting frame 2- ISMC 250x80	1 2*4	0.670			30.4	162.944	
Rope drum supporting frame 3- ISMC 250x80	′ 2*4	0.850			30.4	206.720	
Rope drum supporting frame 4- ISMC 250x80	′ 2*4	0.453			30.4	110.170	
Rope drum supporting frame 5- ISMC 250x80	7*4	0.770			30.4	187.264	
Rope drum supporting frame 6-ISMC 250x80	7*4	0.210			30.4	51.072	
L a d d e r s l a n d - S M C 2 0 0 x 7 5	2*2	6.000			22.1	530.401	

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Support ladder sland- ISMB 200x100	2*2	2.730			25.4	277.368	
Support ladder sland- ISMC 200x75	2*2	1.500			22.1	132.601	
Hand rail post ladder- ISA 50x50x6	10*2	1.200			4.5	108.000	
Hand rail ladder - ISA 40x40x6	4*2	9.925			3.5	277.901	
ladder Step frame 1- ISA 40x40x6	48*2	1.340			3.5	450.241	
ladder Step frame 2- ISA 40x40x6	48*2	0.300	.a		3.5	100.800	
Hinge post - ISMC 200X75	2*2	1.200			22.1	106.080	
Gate frame vertical - ISA 50x50x6	8*2	1.200	52		4.5	86.400	
Gate frame horizontal ISA 50x50x6	5*2	1.500			4.5	67.500	
supportfordial indicator-ISM C100x50	2*4 ther Er	0.880 Igineeri	ng Org	anisatio	9.2 NS	64.768	
s u p p o r t f o r d i a l indicator needle-ISA 50x50x6		0.050		E	4.5	1.800	
MS Flat for Hand rail 1 - 50x8 mm	4*4	13.635	0.050	0.008	7850.0	685.023	
MS Flat for Hand rail 2 - 50x8 mm	2*4	1.600	0.050	0.008	7850.0	40.193	
MS Flat-1 for gear box cover 50x5 mm	4*4	0.945	0.050	0.005	7850.0	29.673	
MS Flat-2 for gear box cover 50x5 mm	2*4	1.245	0.050	0.0050	7850.0	19.547	
		Hoistin	g Bridge-MS	Plates			
Longitudinal Girder flange -16mm MS Plate		14.220	0.150	0.016	7850.0	4286.477	
Longitudinal Girder web -10mm MS Plate	2*4	14.220	1.200	0.010	7850.0	10716.192	
Stiffener End	16*4	1.216	0.170	0.010	7850.0	1038.562	

Base Plate 1 -20mm MS Plate	4*4	0.450	0.360	0.020	7850.0	406.944	
Base Plate 2 -10mm MS Plate	4*4	0.450	0.360	0.010	7850.0	203.472	
Base Plate 3 -10mm MS Plate	8*4	0.360	0.220	0.010	7850.0	198.951	
PlateforPulley supporting channel	8*4	0.910	0.065	0.010	7850.0	148.585	
Plateformotor supporting channel	4*4	1.010	0.065	0.010	7850.0	82.457	
Plateforcrosss upports	26*4	1.060	0.065	0.010	7850.0	562.500	
Plate for Web stiffener	40*4	1.200	0.065	0.010	7850.0	979.680	
Plate for pulley block	4*4	0.792	0.550	0.016	7850.0	875.382	
Locking plate for pullry block	8*4	0.120	0.050	0.010	7850.0	15.073	
Spacer for pulley	4*4	0.180	0.180	0.008	7850.0	32.556	
Plate-10mm	4*4	0.150	0.150	0.010	7850.0	28.260	
Anchoring plate-10mm Plate	36*4 ther En	0.100 gineeri	0.100	0.010 anisatio	7850.0	113.041	
Base plate for worm reducer	1*4	0.375	0.300	0.010	7850.0	35.325	
Stiffener plate for worm reducer	4*4	0.090	0.090	0.010	7850.0	10.174	
Supporting plate	2*4	0.135	0.100	0.010	7850.0	8.479	
base plate-1 for brake	1*4	0.350	0.125	0.010	7850.0	13.738	
base plate-2	4*4	0.065	0.065	0.010	7850.0	5.307	
base plate-1 for motor	1*4	0.220	0.200	0.010	7850.0	13.817	
Stiffener for motor base plate-1	1*4	0.100	0.054	0.010	7850.0	1.696	
Stiffener for motor base plate-2	2*4	0.065	0.065	0.010	7850.0	2.654	
Drive unit Cover 3.15 mm plate-1	2*4	1.355	0.965	0.00315	7850.0	258.665	
Drive unit Cover 3.15 mm plate-2	2*4	0.965	0.820	0.00315	7850.0	156.535	

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Drive unit Cover 3.15 mm plate-3	1*4	1.400	0.820	0.00315	7850.0	113.549	
Drum frame support- 1- 20mm plate	4*4	0.460	0.350	0.020	7850.0	404.432	
Drum frame support- 2- 20mm plate	4*4	0.280	0.100	0.020	7850.0	70.337	
Drum frame support- 3- 10mm plate	2*4	0.690	0.060	0.010	7850.0	26.000	
Drum frame support- 4- 10mm plate	2*4	1.540	0.060	0.010	7850.0	58.028	
stiffener-1- support for drum frame	8*4	0.220	0.080	0.010	7850.0	44.212	
stiffener-2- support for drum frame	4*4	0.150	0.080	0.010	7850.0	15.073	
stiffener-3- support for drum frame	10*4	0.226	0.130	0.010	7850.0	92.254	
stiffener-4- support for drum frame	2*4	0.222	0.070	0.010	7850.0	9.760	
base plate-1 for plummer block- drum	4*4	0.275	0.090	0.020	7850.0	62.172	
base plate-2 for plummer block- drum	ther En	gineeri 0.255	ng Orga	anisatio 0.030	ns 7850.0	86.476	
Stiffener plate- Gear box cover	2*4	0.096	0.035	0.005	7850.0	1.056	
Gear box cover -1 (3.15 mm sheet)	2*4	2.400	0.480	0.00315	7850.0	227.889	
Gear box cover -2 (3.15 mm sheet)	4*4	1.455	0.675	0.00315	7850.0	388.568	
Plate cover -3.15mm gear box	2*4	0.310	0.210	0.00315	7850.0	12.879	
Base plate for worm reducer- dial indicator	1*4	0.450	0.300	0.008	7850.0	33.912	
Stiffener plate-1 (Dial i n d i c a t o r - w o r m r e d u c e r)	2*4	0.150	0.185	0.010	7850.0	17.428	
Stiffener plate-2 (Dial i n d i c a t o r - w o r m r e d u c e r)	1*4	0.150	0.170	0.010	7850.0	8.008	

BasePlatefor plummer block (Dial indicator)	1*4	0.260	0.090	0.010	7850.0	7.348	
Stiffener plate (Dial indicator-Plummer block)	2*4	0.100	0.090	0.010	7850.0	5.652	
Support plate bottom- Dial indicator	2*4	0.236	0.210	0.010	7850.0	31.124	
		Ho	isting platfo	rm			
MS cheqquered plate 6mm-1	2*4	3.320	2.030		49.2	2652.707	
MS cheqquered plate 6mm-2	4*4	0.935	0.745		49.2	548.344	
MS cheqquered plate 6mm-3	2*4	0.820	0.300		49.2	96.826	
MS cheqquered plate 6mm-4	2*4	0.880	0.445	1-A	49.2	154.134	
MS cheqquered plate 6mm-5	1*4	2.030	2.080		49.2	830.969	
MS cheqquered plate 6mm-6	1*4 ther En	.2.030 gineeri	1.840 ng Orga	anisatio	49.2 n S	735.088	
MS cheqquered plate 6mm-Catwalk	1*4	14.220	0.365	T	49.2	1021.452	
		8	tep for ladde	er 📗			
MS chequered plate 6mm	18*2	1.340	0.300		49.2	712.023	
		MS rods	- hoisting bi	ridge unit			
Anchor bolt dia 25mmbase plate hoisting	36*4	0.750			3.85	415.800	
Handle for drive unit cover-16mm	2*4	0.260			1.58	3.287	
Handle 1- for rope drum cover -16mm	4*4	0.300			1.58	7.584	
Handle 2- for rope der -16mmrum cov	2*4	0.400			1.58	5.057	
Handle 3- for rope drum cover -16mm	2*4	0.280			1.58	3.540	

					Tota	al Quantity	40196.747	kg
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	40196.747	kg
			S	ay 40196.74	17 kg @ Rs	58.93 / kg	Rs 236	8794.30
7	od331814/2020_2021 Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di	blasted anges, cost of	d cleaned s testing all	urface to cla	ass A standa terials, all ir	ard of IS 14 [.] ncidental ch	177 includin narges, hire	g cost of all of T&P etc
	MS cheqquered plate 6mm-1	2*4	3.320	2.030		2.0	107.834	
	MS cheqquered plate 6mm-2	4*4	0.935	0.745	7	2.0	22.291	
	MS cheqquered plate 6mm-3	2*4	0.820	0.300	4	2.0	3.936	
	MS cheqquered plate 6mm-4	2*4	0.880	0.445		2.0	6.266	
	MS cheqquered plate 6mm-5	1*4	2.030	2.080		2.0	33.780	
	MS cheqquered plate 6mm-6	1*4	2.030	ng Orga 1.840	amisauo	2.0	29.882	
	MS cheqquered plate 6mm-Catwalk	1*4	14.220	0.365		2.0	41.523	
			S	tep for ladde	er			
	MS chequered plate 6mm	24*2	1.340	0.300		2.0	38.592	
			Hoistin	g Bridge-MS	S Plates			
	Longitudinal Girder flange -16mm MS Plate	4*4	14.220	0.150		2.0	68.256	
	Longitudinal Girder web -10mm MS Plate	2*4	14.220	1.200		2.0	273.024	
	Stiffener End	16*4	1.216	0.170		2.0	26.461	
	Base Plate 1 -20mm MS Plate	4*4	0.450	0.360		2.0	5.184	
	Base Plate 2 -10mm MS Plate	4*4	0.450	0.360		2.0	5.184	

Base Plate 3 -10mm MS Plate	8*4	0.360	0.220		2.0	5.069	
PlateforPulley supporting channel	8*4	0.910	0.065		2.0	3.786	
Plateformotor supporting channel	4*4	1.010	0.065		2.0	2.101	
Plateforcrosss upports	26*4	1.060	0.065		2.0	14.332	
Plate for Web stiffener	40*4	1.200	0.065		2.0	24.960	
Plate for pulley block	4*4	0.792	0.550		2.0	13.940	
Locking plate for pullry block	8*4	0.120	0.050		2.0	0.384	
Spacer for pulley	4*4	0.180	0.180		2.0	1.037	
Plate-10mm	4*4	0.150	0.150		2.0	0.720	
Anchoring plate-10mm Plate	36*4	0.100	0.100	1	2.0	2.881	
Base plate for worm reducer	1*4	0.375	0.300		2.0	0.900	
Stiffener plate for worm reducer	4*4 ther En	0.090 gineeri	0.090	anisatio	2.0	0.260	
Supporting plate	2*4	0.135	0.100		2.0	0.217	
base plate-1 for brake	1*4	0.350	0.125	\	2.0	0.350	
base plate-2	4*4	0.065	0.065		2.0	0.136	
base plate-1 for motor	1*4	0.220	0.200		2.0	0.353	
Stiffener for motor base plate-1	1*4	0.100	0.054		2.0	0.044	
Stiffener for motor base plate-2	2*4	0.065	0.065		2.0	0.068	
Drive unit Cover 3.15 mm plate-1	2*4	1.355	0.965		2.0	20.922	
Drive unit Cover 3.15 mm plate-2	2*4	0.965	0.820		2.0	12.661	
Drive unit Cover 3.15 mm plate-3	1*4	1.400	0.820		2.0	9.184	
Drum frame support- 1- 20mm plate	4*4	0.460	0.350		2.0	5.152	
	PlateforPulley supporting channel Plateformotor supporting channel Plateforcrosssupporting channel PlateforCrosssupports Plate for Web stiffener Plate for pulley block Locking plate for pullry block Spacer for pulley Plate-10mm Anchoring plate-10mm Plate Base plate for worm reducer Stiffener plate for worm reducer Stiffener plate for worm reducer Supporting plate base plate-1 for brake base plate-2 base plate-1 Stiffener for motor Stiffener for motor base plate-2 Drive unit Cover 3.15 mm plate-1 Drive unit Cover 3.15 mm plate-2 Drive unit Cover 3.15 mm plate-3 Drum frame support-	MS Plate Plate for Pulley supporting channel Plate for motor supporting channel Plate for crosss upports Plate for Web stiffener Plate for pulley block Locking plate for pullry block Spacer for pulley Plate-10mm Anchoring plate-10mm Plate Base plate for worm reducer Stiffener plate for worm reducer Supporting plate Supporting plate Supporting plate base plate-1 for brake base plate-1 for motor Stiffener for motor base plate-1 Stiffener for motor base plate-2 Drive unit Cover 3.15 mm plate-2 Drive unit Cover 3.15 mm plate-3 Drum frame support- #44 #45 #46 #47 #47 #47 #48 #48 #49 #49 #49 #49 #49 #49	MS Plate 8*4 0.360 P I a t e f o r P u I I e y supporting channel 8*4 0.910 P I a t e f o r m o t o r supporting channel 4*4 1.010 P I a t e f o r c r o s s u p p o r t s 26*4 1.060 Plate for Web stiffener 40*4 1.200 Plate for pulley block 4*4 0.792 Locking plate for pullry block 8*4 0.120 Spacer for pulley 4*4 0.180 Plate-10mm 4*4 0.150 Anchoring plate-10mm 36*4 0.100 Base plate for worm reducer 1*4 0.375 Stiffener plate for worm reducer 4*4 0.090 Stiffener plate for worm reducer 4*4 0.090 Supporting plate 2*4 0.350 base plate-1 for brake 1*4 0.350 base plate-2 4*4 0.065 base plate-1 1*4 0.100 Stiffener for motor base plate-2 2*4 0.065 Drive unit Cover 3.15 mm plate-2 2*4 0.965 Drive	MS Plate 8*4 0.360 0.220 PlateforPulley supporting channel 8*4 0.910 0.065 Plateformotor supporting channel 4*4 1.010 0.065 Plate for crosss upporting channel 26*4 1.060 0.065 Plate for Web stiffener 40*4 1.200 0.065 Plate for pulley block 4*4 0.792 0.550 Locking plate for pullry block 8*4 0.120 0.050 Spacer for pulley 4*4 0.180 0.180 Plate-10mm 4*4 0.150 0.150 Anchoring plate-10mm Plate 36*4 0.100 0.100 Base plate for worm reducer 1*4 0.375 0.300 Stiffener plate for worm reducer 4*4 0.090 0.090 Supporting plate 2*4 0.135 0.100 base plate-1 for brake 1*4 0.350 0.125 base plate-2 4*4 0.065 0.065 base plate-1 2*4 0.065 0.065	MS Plate 8*4 0.360 0.220 P I at ef or P u II ey supporting channel 8*4 0.910 0.065 P I at ef or motor supporting channel 4*4 1.010 0.065 P I at ef or crosss up ports 26*4 1.060 0.065 Plate for Web stiffener 40*4 1.200 0.065 Plate for pulley block 4*4 0.792 0.550 Locking plate for pulley block 4*4 0.120 0.050 Spacer for pulley 4*4 0.180 0.180 Plate-10mm 4*4 0.150 0.150 Anchoring plate-10mm 36*4 0.100 0.100 Base plate for worm reducer 1*4 0.375 0.300 Stiffener plate for worm reducer 4*4 0.090 0.090 Supporting plate 2*4 0.135 0.100 base plate-1 for brake 1*4 0.350 0.125 base plate-2 4*4 0.065 0.065 base plate-1 1*4 0.100 0.054 <td< td=""><td>MS Plate 8*4 0.360 0.220 2.0 Plate for Pulley supporting channel 8*4 0.910 0.065 2.0 Plate for motor supporting channel 4*4 1.010 0.065 2.0 Plate for cross supports 26*4 1.060 0.065 2.0 Plate for Web stiffener supporting blate for bullry block 4*4 0.792 0.550 2.0 Plate for pulley block 4*4 0.792 0.550 2.0 Locking plate for pullry block 4*4 0.120 0.050 2.0 Locking plate for pullry block 4*4 0.120 0.050 2.0 Spacer for pulley 4*4 0.120 0.050 2.0 Anchoring plate for pullry block 4*4 0.150 0.150 2.0 Anchoring plate-10mm Plate 36*4 0.100 0.100 2.0 Stiffener plate for worm reducer 1*4 0.090 0.090 2.0 Supporting plate 2*4 0.135 0.100 2.0 base plate-1 for brake</td><td>MS Plate 8*4 0.360 0.220 2.0 5.669 Platefor Pulley supporting channel 8*4 0.910 0.065 2.0 3.786 Platefor motor supporting channel 4*4 1.010 0.065 2.0 2.101 Plate for crosss upports 26*4 1.060 0.065 2.0 14.332 Plate for Web stiffener 40*4 1.200 0.065 2.0 24.960 Plate for pulley block 4*4 0.792 0.550 2.0 13.940 Locking plate for pullry block 8*4 0.120 0.050 2.0 0.384 Spacer for pulley 4*4 0.180 2.0 1.037 Plate-10mm 4*4 0.150 0.150 2.0 0.720 Anchoring plate-10mm Plate 36*4 0.100 0.100 2.0 2.881 Base plate for worm reducer 1*4 0.375 0.300 2.0 0.260 Stiffener plate for worm reducer 4*4 0.090 0.090 2.0 0.217</td></td<>	MS Plate 8*4 0.360 0.220 2.0 Plate for Pulley supporting channel 8*4 0.910 0.065 2.0 Plate for motor supporting channel 4*4 1.010 0.065 2.0 Plate for cross supports 26*4 1.060 0.065 2.0 Plate for Web stiffener supporting blate for bullry block 4*4 0.792 0.550 2.0 Plate for pulley block 4*4 0.792 0.550 2.0 Locking plate for pullry block 4*4 0.120 0.050 2.0 Locking plate for pullry block 4*4 0.120 0.050 2.0 Spacer for pulley 4*4 0.120 0.050 2.0 Anchoring plate for pullry block 4*4 0.150 0.150 2.0 Anchoring plate-10mm Plate 36*4 0.100 0.100 2.0 Stiffener plate for worm reducer 1*4 0.090 0.090 2.0 Supporting plate 2*4 0.135 0.100 2.0 base plate-1 for brake	MS Plate 8*4 0.360 0.220 2.0 5.669 Platefor Pulley supporting channel 8*4 0.910 0.065 2.0 3.786 Platefor motor supporting channel 4*4 1.010 0.065 2.0 2.101 Plate for crosss upports 26*4 1.060 0.065 2.0 14.332 Plate for Web stiffener 40*4 1.200 0.065 2.0 24.960 Plate for pulley block 4*4 0.792 0.550 2.0 13.940 Locking plate for pullry block 8*4 0.120 0.050 2.0 0.384 Spacer for pulley 4*4 0.180 2.0 1.037 Plate-10mm 4*4 0.150 0.150 2.0 0.720 Anchoring plate-10mm Plate 36*4 0.100 0.100 2.0 2.881 Base plate for worm reducer 1*4 0.375 0.300 2.0 0.260 Stiffener plate for worm reducer 4*4 0.090 0.090 2.0 0.217

Drum frame support- 2- 20mm plate	4*4	0.280	0.100		2.0	0.897	
Drum frame support- 3- 10mm plate	2*4	0.690	0.060		2.0	0.663	
Drum frame support- 4- 10mm plate	2*4	1.540	0.060		2.0	1.479	
stiffener-1- support for drum frame	8*4	0.220	0.080		2.0	1.127	
stiffener-2- support for drum frame	4*4	0.150	0.080		2.0	0.384	
stiffener-3- support for drum frame	10*4	0.226	0.130		2.0	2.351	
stiffener-4- support for drum frame	2*4	0.222	0.070		2.0	0.249	
base plate-1 for plummer block- drum	4*4	0.275	0.090		2.0	0.792	
base plate-2 for plummer block- drum	4*4	0.255	0.090		2.0	0.735	
Stiffener plate- Gear box cover	2*4	0.096	0.035	51	2.0	0.054	
Gear box cover 4 (3.15 mm sheet)	ther En	gineeri 2.400	ng Orga 0.480	anisatio	ns 2.0	18.432	
Gear box cover -2 (3.15 mm sheet)	4*4	1.455	0.675		2.0	31.429	
Plate cover -3.15mm gear box	2*4	0.310	0.210		2.0	1.042	
Base plate for worm reducer- dial indicator	1*4	0.450	0.300		2.0	1.080	
Stiffener plate-1 (Dial i n d i c a t o r - w o r m r e d u c e r)		0.150	0.185		2.0	0.444	
Stiffener plate-2 (Dial i n d i c a t o r - w o r m r e d u c e r)		0.150	0.170		2.0	0.205	
BasePlatefor plummer block (Dial indicator)		0.260	0.090		2.0	0.188	

Stiffener plate (Dial indicator-Plummer block)	2*4	0.100	0.090		2.0	0.144	
Support plate bottom- Dial indicator	2*4	0.236	0.210		2.0	0.793	
		Н	and Rail Pip	e			
Hand rails of Hoist bridge -32mm GI pipe	2*4	15.050			0.13	15.653	
Hand rails of Hoist bridge end -32mm GI pipe	1*4	4.510			0.13	2.346	
		Hoisting	unit - 4no's	shutters			
Frame for pulley (ISMC 300X90)	4*4	2.090			0.96	32.103	
Support for Drum (ISMC 200x75)	2*4	2.090	52		0.7	11.704	
Support1 for Drum (ISMC 150X75)	4*4	0.670			0.6	6.432	
Support-2 for Drum- (ISMC 150X75)	2*4	0.989	61 01 5 2 7 8 78 9 8		0.6	4.748	
Extensionplate orm(ISMC150X75)		gineeri 0.550	ng Orga	anisatio	ns 0.6	18.480	
Cross support for girder(ISMC 150X75)	13*4	2.090			0.6	65.208	
Supportfor channel(ISA65x65x6)	40*4	0.100			0.26	4.160	
Support for handrail - bottom(ISA65x65x6)	2*4	14.220			0.26	29.578	
S u p p o r t - 1 (I S A 6 5 x 6 5 x 6)	1*4	1.500			0.26	1.560	
Handrail posts(ISA 50x50x6)	28*4	1.2500			0.2	28.000	
Support for extension channel catwalk(ISA 75x5x8)	14*4	0.150			0.3	2.520	
Cross support for Catwalk(ISA 75x75x8)	14*4	0.665			0.3	11.172	

Drive unit frame-1 (ISMC -150x75)	2*4	1.550			0.6	7.440	
Drive unit frame-2 (ISMC -150x75)	2*4	0.700			0.6	3.360	
Drive unit frame-3 (ISMC -150x75)	1*4	0.700			0.6	1.680	
Leg- Hand operating mechanism -ISA 75x75x8	4*4	0.800			0.3	3.840	
Support 1- stool Legtop- ISA 75x75x8	2*4	0.400			0.3	0.960	
Support 2- Stool Leg - ISA 75x75x8	2*4	0.500	A		0.3	1.200	
support for worm red ucer-ISA100x1 00x8	2*4	0.700			0.4	2.240	
support for brake unit- ISA 75x75x8	2*4	0.700			0.3	1.680	
support for motor- ISA 75x75x8	2*4	0.700			0.3	1.680	
support for plummer b lock-ISAISA10 0x100x8	ther En	gineeri 0.250	ng Orga	anisatio	ns 0.4	0.400	
Drive unit Cover frame 1 - Bottom - ISA3 5 x 3 5 x 6	2*4	0.840			0.14	0.941	
Drive Unit Cover frame 2- Bottom-ISA 35x35x6	2*4	0.986			0.14	1.105	
Drive Unit Cover frame 3- ISA 35x35x6	2*4	0.274			0.14	0.307	
Leg for Cover- rope drum-ISA 35x35x6	4*4	1.000			0.14	2.240	
Cover frame top-1- r o p e d r u m - I S A 3 5 x 3 5 x 6	2*4	0.770			0.14	0.863	
cover frame top-2- r o p e d r u m - I S A 3 5 x 3 5 x 6	2*4	1.400			0.14	1.568	

							1	
p	Fop frame supportr opedrum-ISA35	2*4	0.770			0.14	0.863	
	Cover Frame-1- Gear box-ISA 35x35x5	4*4	2.400			0.14	5.376	
	Cover Frame-2- Gear box-ISA 35x35x5	4*4	0.490			0.14	1.098	
	Cover Frame-3- Gear box-ISA 35x35x5	2*4	0.836			0.14	0.937	
а	Cover Frame- 4 - G e arbox-ISA35x3 5x5	4*4	0.059			0.14	0.133	
а	Cover Frame- 5 - G e arbox-ISA35x3 5x5	2*4	0.230		1	0.14	0.258	
a	Cover Frame- 6 - G e arbox-ISA35x3 5x5	8*4	0.420		1	0.14	1.882	
	Rope drum supporting rame 1- ISMC 250x80	2*4	1.540			0.82	10.103	
	Rope drum supporting rame 2- ISMC 250x80	the#4En	gi0.6701i	ng Orga	anisatio	ns0.82	4.396	
	Rope drum supporting rame 3- ISMC 250x80	2*4	0.850			0.82	5.576	
	Rope drum supporting rame 4- ISMC 250x80	2*4	0.453			0.82	2.972	
	Rope drum supporting rame 5- ISMC 250x80	2*4	0.770			0.82	5.052	
	Rope drum supporting rame 6-ISMC 250x80	2*4	0.210			0.82	1.378	
	_ a d d e r s l a n d - l S M C 2 0 0 x 7 5	2*2	6.000			0.7	16.800	
	Support ladder sland- SMB 200x100	2*2	2.730			0.8	8.736	
	Support ladder sland- SMC 200x75	2*2	1.500			0.7	4.200	
	Hand rail post ladder- SA 50x50x6	10*2	1.200			0.2	4.801	

	Hand will ladden 10A							
	Hand rail ladder - ISA 40x40x6	4*2	9.925			0.16	12.704	
	ladder Step frame 1- ISA 40x40x6	48*2	1.340			0.16	20.583	
	ladder Step frame 2- ISA 40x40x6	48*2	0.300			0.16	4.608	
	Hinge post - ISMC 200X75	2*2	1.200			0.7	3.360	
	Gate frame vertical - ISA 50x50x6	8*2	1.200			0.2	3.840	
	Gate frame horizontal ISA 50x50x6	5*2	1.500	.a.		0.2	3.000	
	supportfordial indicator-ISM C100x50	2*4	0.880		1	0.4	2.817	
	supportfordial indicator needle-ISA 50x50x6	2*4	0.050			0.2	0.081	
	MS Flat for Hand rail 1 - 50x8 mm	4*4	13.635	0.050		2.0	21.817	
	MS Flat for Hand rail 2 - 50x8 mm	ther ₄ En	gineeri	ng _{0.050} g	anisatio	ns _{2.0}	1.281	
	MS Flat-1 for gear box cover 50x5 mm	4*4	0.945	0.050	<u>)</u>	2.0	1.512	
	MS Flat-2 for gear box cover 50x5 mm	2*4	1.245	0.050		2.0	0.997	
					Tota	al Quantity	1260.487	sqm
				To	otal Deducte	d Quantity	0.000 sqm	ı
					Net Tota	al Quantity	1260.487	sqm
			Say 1	260.487 sq	m @ Rs 556	3.86 / sqm	Rs 701	1914.79
8	od331822/2020_2021 Supply and Fabrication	of 32 mm (31 Pipe for h	andrails				
			Н	land Rail Pip	ре			
	Hand rails of Hoist bridge -32mm GI pipe	2*4	15.050				120.400	
	Hand rails of Hoist bridge end -32mm GI pipe	1*4	4.510				18.040	

					Tota	al Quantity	138.440 m	netre
				To	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	138.440 m	netre
			Say 13	88.440 metre	@ Rs 232.3	34 / metre	Rs 32	165.15
9	85.136 Erection of the hoisting anchoring it; setting an machinery, incidental alalready supplied	nd aligning	the covers of	of the hoistin	ng unit etc co	omplete inc	luding cost of	of all labour,
			H	land Rail Pi	ре			
	Hand rails of Hoist bridge -32mm GI pipe	2*4	15.050	:S)			120.400	
	Hand rails of Hoist bridge end -32mm GI pipe	1*4	4.510		7		18.040	
			MS rods	s - hoisting b	ridge unit	l.		
	Anchor bolt dia 25mmbase plate hoisting	36*4	0.750			3.85	415.800	
	Handle for drive unit	th & *4Er	gi0.260 ri	ing Org	anisatio	ns ^{1.58}	3.287	
	Handle 1- for rope drum cover -16mm	4*4	0.300		F	1.58	7.584	
	Handle 2- for rope der -16mmrum cov	2*4	0.400			1.58	5.057	
	Handle 3- for rope drum cover -16mm	2*4	0.280			1.58	3.540	
			Hoisting	g unit - 4no's	shutters			
	Frame for pulley (ISMC 300X90)	4*4	2.090			35.8	1197.152	
	Support for Drum (ISMC 200x75)	2*4	2.090			22.1	369.512	
	Support1 for Drum (ISMC 150X75)	4*4	0.670			16.4	175.808	
	Support-2 for Drum- (ISMC 150X75)	2*4	0.989			16.4	129.757	

Extensionplate orm(ISMC150X 75)		0.550			16.4	505.120	
Cross support for girder(ISMC 150X75)	1:3*4	2.090			16.4	1782.352	
Supportfoo	40*4	0.100			5.8	92.800	
Support for handrail bottom(ISA65x65x6)	. 2*4	14.220			5.8	659.808	
S u p p o r t - 1 (I S A 6 5 x 6 5 x 6)	1*4	1.500			5.8	34.800	
Handrail posts(ISA 50x50x6)	28*4	1.2500	A		4.5	630.000	
Support for extension channel catwalk(ISA 75x5x8)		0.150		En	8.9	74.760	
Cross support for Catwalk(ISA 75x75x8)	14*4	0.665			8.9	331.437	
Drive unit frame-1 (ISMC -150x75)	2*4	1.550			16.4	203.360	
Drive unit frame (2 (ISMC -150x75)	ther ₄ En	gi0.7001i	ng Org	anisatio	ns _{16.4}	91.840	
Drive unit frame-3 (ISMC -150x75)	1*4	0.700		上	16.4	45.920	
Leg- Hand operating mechanism -ISA 75x75x8		0.800			8.9	113.921	
Support 1- stoo Legtop- ISA 75x75x8	ン*Δ	0.400			8.9	28.481	
Support 2- Stool Leg -	2*4	0.500			8.9	35.600	
support for worm recucer-ISA100x1		0.700			12.1	67.760	
support for brake unit- ISA 75x75x8	2*4	0.700			8.9	49.840	
support for motor- ISA 75x75x8	2*4	0.700			8.9	49.840	

support for plummer b I o c k - I S A I S A 1 0 0 x 1 0 0 x 8		0.250			12.1	12.100	
Drive unit Cover frame 1 - B o t t o m - I S A 3 5 x 3 5 x 6	2*4	0.840			3.0	20.160	
Drive Unit Cover frame 2- Bottom-ISA 35x35x6	2*4	0.986			3.0	23.664	
Drive Unit Cover frame 3- ISA 35x35x6	2*4	0.274			3.0	6.577	
Leg for Cover- rope drum-ISA 35x35x6	4*4	1.000	(A)		3.0	48.000	
Cover frame top-1- r o p e d r u m - I S A 3 5 x 3 5 x 6	2*4	0.770			3.0	18.480	
cover frame top-2- r o p e d r u m - I S A 3 5 x 3 5 x 6	2*4	1.400			3.0	33.600	
Top frame supportr o p e d r u m - I S A 3 5 x 3 5 x 5	2*4 ther En	0.770 gineeri	ng Org	anisatio	2.6 NS	16.017	
Cover Frame-1- Gear box-ISA 35x35x5	4*4	2.400		F	2.6	99.840	
Cover Frame-2- Gear box-ISA 35x35x5	4*4	0.490			2.6	20.384	
Cover Frame-3- Gear box-ISA 35x35x5	2*4	0.836			2.6	17.389	
Cover Frame- 4 - G e a r b o x - I S A 3 5 x 3 5 x 5	4*4	0.059			2.6	2.455	
Cover Frame- 5 - G e a r b o x - I S A 3 5 x 3 5 x 5	2*4	0.230			2.6	4.785	
Cover Frame- 6 - G e a r b o x - I S A 3 5 x 3 5 x 5	8*4	0.420			2.6	34.944	
Rope drum supporting frame 1- ISMC 250x80	2*4	1.540			30.4	374.528	

Rope drum supporting frame 2- ISMC 250x80	2*4	0.670			30.4	162.944	
Rope drum supporting frame 3- ISMC 250x80	2*4	0.850			30.4	206.720	
Rope drum supporting frame 4- ISMC 250x80	2*4	0.453			30.4	110.170	
Rope drum supporting frame 5- ISMC 250x80	2*4	0.770			30.4	187.264	
Rope drum supporting frame 6-ISMC 250x80	2*4	0.210			30.4	51.072	
L a d d e r s l a n d - l S M C 2 0 0 x 7 5	2*2	6.000	.a		22.1	530.401	
Support ladder sland- ISMB 200x100	2*2	2.730			25.4	277.368	
Support ladder sland- ISMC 200x75	2*2	1.500	52	u	22.1	132.601	
Hand rail post ladder- ISA 50x50x6	10*2	1.200			4.5	108.000	
Hand rail ladder - ISA 40x40x6	4*2	9.925	in or S		3.5	277.901	
ladder Step frame 1- ISA 40x40x6	ther En	gineeri 1.340	ng Orga	anisatio	ns 3.5	450.241	
ladder Step frame 2- ISA 40x40x6	48*2	0.300			3.5	100.800	
Hinge post - ISMC 200X75	2*2	1.200			22.1	106.080	
Gate frame vertical - ISA 50x50x6	8*2	1.200			4.5	86.400	
Gate frame horizontal ISA 50x50x6	5*2	1.500			4.5	67.500	
supportfordial indicator-ISM C100x50	2*4	0.880			9.2	64.768	
supportfordial indicator needle-ISA 50x50x6	2*4	0.050			4.5	1.800	
MS Flat for Hand rail 1 - 50x8 mm	4*4	13.635	0.050	0.008	7850.0	685.023	

MS Flat for Hand rail 2 - 50x8 mm	2*4	1.600	0.050	0.008	7850.0	40.193	
MS Flat-1 for gear box cover 50x5 mm	4*4	0.945	0.050	0.005	7850.0	29.673	
MS Flat-2 for gear box cover 50x5 mm	2*4	1.245	0.050	0.0050	7850.0	19.547	
		Hoistin	g Bridge-MS	S Plates			
Longitudinal Girder flange -16mm MS Plate	4*4	14.220	0.150	0.016	7850.0	4286.477	
Longitudinal Girder web -10mm MS Plate	2*4	14.220	1.200	0.010	7850.0	10716.192	
Stiffener End	16*4	1.216	0.170	0.010	7850.0	1038.562	
Base Plate 1 -20mm MS Plate	4*4	0.450	0.360	0.020	7850.0	406.944	
Base Plate 2 -10mm MS Plate	4*4	0.450	0.360	0.010	7850.0	203.472	
Base Plate 3 -10mm MS Plate	8*4	0.360	0.220	0.010	7850.0	198.951	
PlateforPulley supporting channel	th&t*En	gi0.910 ri	ng ^{0.065} g	an 9.910 io	n 3 850.0	148.585	
Plateformotor supporting channel	4*4	1.010	0.065	0.010	7850.0	82.457	
Plateforcrosss upports	26*4	1.060	0.065	0.010	7850.0	562.500	
Plate for Web stiffener	40*4	1.200	0.065	0.010	7850.0	979.680	
Plate for pulley block	4*4	0.792	0.550	0.016	7850.0	875.382	
Locking plate for pullry block	8*4	0.120	0.050	0.010	7850.0	15.073	
Spacer for pulley	4*4	0.180	0.180	0.008	7850.0	32.556	
Plate-10mm	4*4	0.150	0.150	0.010	7850.0	28.260	
Anchoring plate-10mm Plate	36*4	0.100	0.100	0.010	7850.0	113.041	
Base plate for worm reducer	1*4	0.375	0.300	0.010	7850.0	35.325	
Stiffener plate for worm reducer	4*4	0.090	0.090	0.010	7850.0	10.174	

Supporting plate	2*4	0.135	0.100	0.010	7850.0	8.479	
base plate-1 for brake	1*4	0.350	0.125	0.010	7850.0	13.738	
base plate-2	4*4	0.065	0.065	0.010	7850.0	5.307	
base plate-1 for motor	1*4	0.220	0.200	0.010	7850.0	13.817	
Stiffener for motor base plate-1	1*4	0.100	0.054	0.010	7850.0	1.696	
Stiffener for motor base plate-2	2*4	0.065	0.065	0.010	7850.0	2.654	
Drive unit Cover 3.15 mm plate-1	2*4	1.355	0.965	0.00315	7850.0	258.665	
Drive unit Cover 3.15 mm plate-2	2*4	0.965	0.820	0.00315	7850.0	156.535	
Drive unit Cover 3.15 mm plate-3	1*4	1.400	0.820	0.00315	7850.0	113.549	
Drum frame support- 1- 20mm plate	4*4	0.460	0.350	0.020	7850.0	404.432	
Drum frame support- 2- 20mm plate	4*4	0.280	0.100	0.020	7850.0	70.337	
Drum frame support- 3- 10mm plate	2*4 ther En	0.690	0.060	0.010 anisatio	7850.0	26.000	
Drum frame support- 4- 10mm plate	2*4	1,540	0.060	0.010	7850.0	58.028	
stiffener-1- support for drum frame	8*4	0.220	0.080	0.010	7850.0	44.212	
stiffener-2- support for drum frame	4*4	0.150	0.080	0.010	7850.0	15.073	
stiffener-3- support for drum frame	10*4	0.226	0.130	0.010	7850.0	92.254	
stiffener-4- support for drum frame	2*4	0.222	0.070	0.010	7850.0	9.760	
base plate-1 for plummer block- drum	4*4	0.275	0.090	0.020	7850.0	62.172	
base plate-2 for plummer block- drum	4*4	0.255	0.090	0.030	7850.0	86.476	
Stiffener plate- Gear box cover	2*4	0.096	0.035	0.005	7850.0	1.056	
Gear box cover -1 (3.15 mm sheet)	2*4	2.400	0.480	0.00315	7850.0	227.889	

Gear box cover -2 (3.15 mm sheet) Plate cover -3.15mm gear box Base plate for worm reducer- dial indicator Stiffener plate-1 (Dial in dicator - worm reducer) Stiffener plate-2 (Dial in dicator - worm reducer) Stiffener plate for plummer block (Dial indicator) Stiffener plate (Dial
Stiffener plate - 2 (Dial in dicator - worm reducer) 1*4
reducer- dial indicator Stiffener plate-1 (Dial i n dicator - worm reducer) Stiffener plate-2 (Dial i n dicator - worm reducer) Stiffener plate-2 (Dial i n dicator - worm reducer) Stiffener plate-2 (Dial i n dicator - worm reducer) B a se P I a te for plummer block (Dial indicator) Stiffener plate (Dial indicator) Stiffener plate (Dial indicator - Plummer block) Support plate bottom-Dial indicator MS cheqquered plate 6mm-1 MS cheqquered plate 6mm-2 MS cheqquered plate 6mm-2 MS cheqquered plate 6mm-2 MS cheqquered plate 6mm-3 MS cheqquered plate 2*4 MS cheqquered plate 6mm-3 MS cheqquered plate 2*4 MS cheqquered plate 2*4 MS cheqquered plate 6mm-3 MS cheqquered plate 2*4 MS cheqquered plate 2*4 MS cheqquered plate 6mm-3 MS cheqquered plate 2*4 MS cheqq
N d i c a t o r - w o r m r e d u c e r) 2*4 0.150 0.185 0.010 7850.0 17.428
Note a continue of the conti
Dlummer block (Dial indicator) 1*4 0.260 0.090 0.010 7850.0 7.348
indicator-Plummer block) Support plate bottom-Dial indicator MS cheqquered plate 6mm-1 MS cheqquered plate 6mm-2 MS cheqquered plate 6mm-2 MS cheqquered plate 6mm-2 MS cheqquered plate 6mm-2 MS cheqquered plate 6mm-3 MS cheqquered plate 2*4
Dial indicator Dial indicator 2*4 0.236 0.210 0.010 7850.0 31.124
MS cheqquered plate 6mm-1 2*4 3.320 2.030 49.2 2652.707 MS cheqquered plate 6mm-2 4*4 0.935 0.745 49.2 548.344 MS cheqquered plate 6mm-3 2*4 0.820 0.300 49.2 96.826 MS cheqquered plate 2*4 0.880 0.445 49.2 154.134
MS cheqquered plate 6mm-1 2*4 3.320 2.030 49.2 2652.707 MS cheqquered plate 6mm-2 4*4 0.935 0.745 49.2 548.344 MS cheqquered plate 6mm-3 2*4 0.820 0.300 49.2 96.826 MS cheqquered plate 2*4 0.880 0.445 49.2 154.134
6mm-2 4*4 0.935 0.745 49.2 548.344 MS cheqquered plate 6mm-3 2*4 0.820 0.300 49.2 96.826 MS cheqquered plate 2*4 0.880 0.445 49.2 154.134
6mm-3 2*4 0.820 0.300 49.2 96.826 MS cheqquered plate 2*4 0.880 0.445 49.2 154.134
MS cheqquered plate 6mm-5 1*4 2.030 2.080 49.2 830.969
MS cheqquered plate 6mm-6 1*4 2.030 1.840 49.2 735.088
MS cheqquered plate 1*4 14.220 0.365 49.2 1021.452
6mm-Catwalk
step for ladder

			1					
	Handrail - M16	84*4	0.035			0.11	1.294	
	for Locking plate- M16	16*4	0.035			0.11	0.247	
	Nut for anchor rod dia 25- M24	8*4*4	0.050			0.1	0.641	
	for drum -M16	8*4	0.100			0.21	0.672	
	for drum cover-M16	16*4	0.030			0.1	0.192	
	for EM brake fixing- M12	24*4	0.100			0.12	1.153	
	for worm reducer fixing- M30	4*4	0.135			1.14	2.463	
	for plummer block-line shaft M-16	8*4	0.135	i A		0.26	1.124	
			C.11		Tota	al Quantity	40342.973	kg
		/	W 3	To	otal Deducte	d Quantity	0.000 kg	
		(k)		30/1	Net Tota	al Quantity	40342.973	kg
		155	1	Say 40342.9	973 kg @ Rs	3.40 / kg	Rs 137	7166.11
SI No	Description	No	L	В	D	CF	Quantity	Remark
	12 Appendix G-6 Sup	plying, sta	cking, erec	ting and tri	al run of ro	pe drum ho	isting Unit	
1	85.128 Providing Line shaft ,ma	ther Er aterial : MS	gineeri rolled/ forge	ng Org	anisatio	ns		
			Hoisting ur	nit- Line Sha	ft 55mm dia			
	55mm Dia Line shaft	1*4	3.842*2			18.64	572.920	
					Tota	al Quantity	572.920 k	g
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	572.920 k	g
				Say 572.920	Net Tota	<u>-</u>		g 878.03
2	od332753/2020_2021 Cost of supplying and s fiber core, UTS 180 kg/	_	mm wire rop	pe, 6 / 36 co	kg @ Rs 1	28.95 / kg Right hand I	Rs 73	878.03 nised, maii
2	Cost of supplying and s	_	mm wire rop	pe, 6 / 36 co	kg @ Rs 12 enstruction, Fity of 23853	28.95 / kg Right hand I	Rs 73	878.03 nised, mai
2	Cost of supplying and s	_	mm wire rop	pe, 6 / 36 co load capaci	kg @ Rs 12 enstruction, Fity of 23853	28.95 / kg Right hand I	Rs 73	878.03 nised, mai
2	Cost of supplying and s fiber core, UTS 180 kg/ 20 mm dia wire rope	mm2. havi	mm wire rop ng breaking 20 r	pe, 6 / 36 co load capaci	nstruction, Fity of 23853I	28.95 / kg Right hand I	Rs 73 ay, ungalva	878.03 nised, mai 66 - 1989
2	Cost of supplying and s fiber core, UTS 180 kg/ 20 mm dia wire rope	mm2. havi	mm wire rop ng breaking 20 r	pe, 6 / 36 co load capaci nm dia wire	nstruction, Fity of 23853I	28.95 / kg Right hand I	Rs 73 ay, ungalva ning to IS 22	878.03 nised, mair 66 - 1989 netre
2	Cost of supplying and s fiber core, UTS 180 kg/ 20 mm dia wire rope	mm2. havi	mm wire rop ng breaking 20 r	pe, 6 / 36 co load capaci nm dia wire	onstruction, Fity of 238531 rope Total	28.95 / kg Right hand I	Rs 73 ay, ungalva ning to IS 22 328.000	878.03 nised, mair 66 - 1989 netre
2	Cost of supplying and s fiber core, UTS 180 kg/ 20 mm dia wire rope	mm2. havi	mm wire rop ng breaking 20 r	pe, 6 / 36 co load capaci nm dia wire	onstruction, Fity of 238531 rope Total	28.95 / kg Right hand I kg. Conform	Rs 73 ay, ungalva ning to IS 22 328.000 328.000 met	878.03 nised, mai 66 - 1989 netre

			Say 32	8.000 metre	@ Rs 309.	77 / metre	Rs 10	1604.56
3	od332913/2020_2021 Supply and stacking of etc complete.	dia 8mm S	S304 Chai	n for dogging	g beam, inc	luding cost	of material o	conveyance
				For 4 Nos				
	For dogging beam	2*4	2.000				16.000	
					Tota	al Quantity	16.000 m	etre
				То	tal Deducte	d Quantity	0.000 met	re
					Net Tot	al Quantity	16.000 m	etre
			Say 1	6.000 metre	@ Rs 764.	27 / metre	Rs 12	228.32
4	od332943/2020_2021 Providing DIAL ASSEM	BLY	A	SAL				
		-	Fc	or 4 Nos Shut	ter			
	Dial gauge assembly	1*4	W. P	13. N	7 1 3		4.000	
		18	1		Tot	al Quantity	4.000 set	
		102	Line	То	tal Deducte	d Quantity	0.000 set	
	75				Net Tot	al Quantity	4.000 set	
			S	ay 4.000 set	@ Rs 2693	37.86 / set	Rs 10	7751.44
5	85.125 Conveying and erectin capacity on the hoistin direction of department incidental and conveyor.	g in position ng bridge a ntal officer	n the alreand correctiate at site incl	ng the align uding cost o	rope drum ment as fa	hoisting un	le manually	as per the
			F	or hoisting u	nit	T	T	T
	For 4Nos hoisting unit	1*4					4.000	
					Tot	al Quantity	4.000 no	
				То	tal Deducte	d Quantity	0.000 no	
					Net Tot	al Quantity	4.000 no	
			,	Say 4.000 no	@ Rs 557	66.26 / no	Rs 223	3065.04
6	od333039/2020_2021 Supplying and stacking of about 0.50 m/min(+/20mm tested galvanize driven by TEFC squirredriven through self lock including 2 nos. of plum cost of electro magnetic	-10%) thround the cage independent of the cage independent of the cage independent of the cage in the	ugh pulley and e 6/36 consideration motion motion and educer and so with bearing the source of the control of t	arrangement truction, fibre or hoist duty open gear re ngs for line sh	s with two it e core having type having duction unitinaft support	numbers of ng breaking ng capacity t excluding ted at proper	falls on eith capacity 23 not less that the cost of li	er side with 8853Kg and In 3HP and ne shaft bu nd including

	15T hoisting unit						
	15T hoisting unit	4				4.000	
7	Total Quantity					4.000 set	
	Total Deducted Quantity					0.000 set	
	Net Total Quantity					4.000 set	
	Say 4.000 set @ Rs 731852.52 / set					Rs 2927410.08	
	Conveying and Fixing wire rope already supplied to the new gates and Hoisting unit safely a conducting Trial run For 4 Shutters						
	Fixing wire rope &	& 1*4	C. II.	40		4.000	
	Trail run	/ /		1// 1 1 1			
	Trail run	(1)	X(A)	Tota	al Quantity	4.000 set	
	Trail run	B	N(R)	Total Deducte	•	4.000 set 0.000 set	
	Trail run		DO	Total Deducte	•		
	Trail run		Say 4.0	Total Deducte	d Quantity	0.000 set	59.32
	Trail run	Other En	Say 4.0	Total Deducte Net Tota 00 set @ Rs 1688	d Quantity	0.000 set 4.000 set	59.32
	Trail run		19:Ng 01	Total Deducte Net Tota 00 set @ Rs 1688 ayments (in %) @	d Quantity al Quantity 9.83 / set	0.000 set 4.000 set Rs 675	
	Trail run		ovision for GST pa	Total Deducte Net Tota 00 set @ Rs 1688 ayments (in %) @	d Quantity al Quantity 9.83 / set	0.000 set 4.000 set Rs 675	,
	Trail run		ovision for GST pa	Total Deducte Net Total 00 set @ Rs 1688 ayments (in %) @ or GST payments	d Quantity al Quantity 9.83 / set	0.000 set 4.000 set Rs 675 12.0% 26252799.77	,

(Cost Index Applied for this estimate is 31.06%)