TS Register No: 631/2019-2020 AS Register No:641/2019-2020

KIIFB-Construction of a Regulator across Kadalundi River at Puzhankavu in Manjeri Municipalityin Malappuram District.

Detailed Estimate

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

	Description	No	L	В	D	CF	Quantity	Remark
		1 Append	dix A- Cons	truction of	Regulator			
1	2.3.1.B Clearing and grubbi trees girth up to 300 and stacking of seremoval and disposing area of thorny juri	omm, removal rviceable mate sal of top orga	of stumps of erial to be use anic soil not	of trees cut of sed or auct	earlier and o	disposal of undersignation and allower	unserviceabl	e materia
	Right bank	1	300.000	10.000	7 13	0.0	0.300	
	Left bank	1	300.000	10.000	MA	0.0	0.300	
		152	Wa		Tota	al Quantity	0.600 Hec	ter
		TUE		To	tal Deducte	d Quantity	0.000 Hec	ter
			A Bail	a and	Net Tota	al Quantity	0.600 Hec	ter
		Other En	Sav 0.600	Hecter @ R	s 133923.8	7 Hecter	Rs 80	354.32
2	od43853/2019_2020		D 1		T			
2	od43853/2019_2020 RING BUND Type-I empty gunny/polyth puddle clay to form completion of the	O -Putting up ring nene bags fille n bund for an	g bund as po d with earth average he	er approved	shape 3.5r 2 rows at 1	n bottom wi n apart and	dth, 1m top v	width usi tween w
2	RING BUND Type-I empty gunny/polyth puddle clay to form	O -Putting up ring nene bags fille n bund for an	g bund as po d with earth average he	er approved	shape 3.5r 2 rows at 1	n bottom wi n apart and	dth, 1m top v	width usii tween wi
2	RING BUND Type-I empty gunny/polyth puddle clay to form completion of the	-Putting up ring nene bags fille n bund for an work etc. com	g bund as ped with earth average he plete. <br< td=""><td>er approved</td><td>shape 3.5r 2 rows at 1</td><td>n bottom wi n apart and</td><td>dth, 1m top of filled in be nantling the</td><td>width usii tween wi</td></br<>	er approved	shape 3.5r 2 rows at 1	n bottom wi n apart and	dth, 1m top of filled in be nantling the	width usii tween wi
2	RING BUND Type-I empty gunny/polyth puddle clay to form completion of the Cross Bunds	-Putting up ringene bags fille n bund for an work etc. com	g bund as po d with earth average he plete. 15.000	er approved	shape 3.5r 2 rows at 1r including I	n bottom wi n apart and	dth, 1m top of filled in be nantling the	width usi tween w bund aft
2	RING BUND Type-I empty gunny/polyth puddle clay to form completion of the Cross Bunds	-Putting up ringene bags fille n bund for an work etc. com	g bund as po d with earth average he plete. 15.000	er approved placed in 2 eight 3.00m	shape 3.5r 2 rows at 1r including I	n bottom wi n apart and abour dism	dth, 1m top of filled in be nantling the 30.000	width using tween with bund aft setre
2	RING BUND Type-I empty gunny/polyth puddle clay to form completion of the Cross Bunds	-Putting up ringene bags fille n bund for an work etc. com	g bund as po d with earth average he plete. 15.000	er approved placed in 2 eight 3.00m	shape 3.5r 2 rows at 1r including I Tota	n bottom wi n apart and abour dism	dth, 1m top of filled in be nantling the 30.000 160.000 m	width using tween with bund aft setre
2	RING BUND Type-I empty gunny/polyth puddle clay to form completion of the Cross Bunds	-Putting up ringene bags fille n bund for an work etc. com	g bund as po d with earth average he plete. br> 15.000 40.000	er approved placed in 2 sight 3.00m	shape 3.5r 2 rows at 1r including I Tota	n bottom wi m apart and abour dism al Quantity d Quantity	dth, 1m top of filled in be nantling the 30.000 160.000 met 190.000 met	width using tween with bund aft setre
3	RING BUND Type-I empty gunny/polyth puddle clay to form completion of the Cross Bunds	-Putting up ringener bags fille in bund for an work etc. com 2 2*2 Using 5HP Pu	g bund as pool of with earth average he plete. 15.000 40.000 Say 190.	er approved placed in 2 sight 3.00m To 000 metre 0	shape 3.5r 2 rows at 1r including I Tota stal Deducte Net Tota @ Rs 2186.4r	n bottom wind apart and abour dismal Quantity al Quant	dth, 1m top of filled in be nantling the 30.000 160.000 met 190.000 met 190.00	width usi tween w bund aff etre re etre 433.10
	RING BUND Type-I empty gunny/polyth puddle clay to form completion of the Cross Bunds Long bund od43845/2019_2020 Bailing out water	-Putting up ringener bags fille in bund for an work etc. com 2 2*2 Using 5HP Pu	g bund as pool of with earth average he plete. 15.000 40.000 Say 190.	er approved placed in 2 sight 3.00m To 000 metre 0	shape 3.5r 2 rows at 1r including I Tota stal Deducte Net Tota @ Rs 2186.4r	n bottom wind apart and abour dismal Quantity al Quant	dth, 1m top of filled in be nantling the 30.000 160.000 met 190.000 met 190.00	width usi tween w bund aft etre re etre 433.10

				To	otal Deducte	d Quantity	0.000 hou	r
					Net Tota	l Quantity	2400.000	hour
			Say 2	400.000 hoւ	ır @ Rs 232	.74 / hour	Rs 558	3576.00
4	od43849/2019_2020 Bailing out water using above 10 hp and up to other stores, pay of sta	o 20hp ,incl	uding conve	-	_		_	
		3*30*8					720.000	
					Tota	I Quantity	720.000 h	our
				To	otal Deducte	d Quantity	0.000 hou	r
			n.	-61	Net Tota	l Quantity	720.000 h	our
			Say	720.000 hoเ	ır @ Rs 439	.92 / hour	Rs 316	6742.40
	exceeding 30 cm in de to be levelled and nea	tly dressed	and as direc	ted by Engir			of soil	ed ea
	LB side	1	70.000	15.000	1+3.4)/4		1863.750	
			No.	and and	Tota	l Quantity	1863.750	cum
		Other Er	ngineeri	ng Orgo	tal Deducte	d Quantity	0.000 cum	1
		\mathbf{D}	D		Net Tota	I Quantity	1863.750	cum
			Say 1	1863.750 cu	m @ Rs 175	.14 / cum	Rs 326	6417.18
6	12.1.4.A Earth work in excavati setting out, construction of sides and bottom are Hard Rock (blasting page 12.1.4.A	on of shoring nd backfilling	and bracing with approv	g, removal o	f stumps and		•	
	Asper bore hole log	1	70.000	11.000	(2+1.5+1+ .3+1.5+1.5)/4		1501.500	
					Tota	l Quantity	1501.500	cum
				To	otal Deducte	d Quantity	0.000 cum	1
					Net Tota	l Quantity	1501.500	cum
			Say 1	1501.500 cu	m @ Rs 587	.42 / cum	Rs 882	2011.13
7	od43859/2019_2020 DOWEL BARS - Supp 1m in concrete) include etc complete		•				• ,	

				T			
Left bank Abutment A1	1	3.000	9.000			27.000	
Right bank Abutment A2	1	5.000	9.000			45.000	
For piers	4	8.000	6.000			192.000	
Sub surface weirs	4	8.000	4.000			128.000	
Weir at LB	1	10.000	4.000			40.000	
				Tota	al Quantity	432.000 e	ach
			To	otal Deducte	d Quantity	0.000 eac	h
				Net Tota	al Quantity	432.000 e	ach
		Say 4	132.000 eac	h @ Rs 674.	18 / each	Rs 291	245.76
Plain/Reinforced Cem Specifications RCC Grade M20 With E		W. B		7 1 1		rawing and	Techn
Levelling course for Sub surface weir	4	8.000	4.000	0.200	L	25.600	
Levelling course for LB abutment (A1)	1	9.4000	2.400	0.200		4.512	
0	thez En	gin <u>500</u> ri	ng.400g	an _{0.200} 10	ns	1.440	
Levelling course for RB CF abutment		9.400	5.000	0.200	T	9.400	
Footing LB abutment (A1)	1	4.400	2.400	0.300		3.168	
Footing for LB abutment (A1) wings	2	1.500	2.400	0.300		2.160	
i l							
Weir Between A1 and P1	1	4.000	(4+1.5)/2	(6.655+1.6 12)/2		45.469	
	1	4.000	(4+1.5)/2 (2.5+1.5)/ 2	`		45.469 36.000	
P1 Sub surface weirs b/w			(2.5+1.5)/	12)/2			
P1 Sub surface weirs b/w P1 and P2 Sub surface weirs b/w	1	12.000	(2.5+1.5)/	12)/2 1.500 3.6650	al Quantity	36.000	um
P1 Sub surface weirs b/w P1 and P2 Sub surface weirs b/w	1	12.000	(2.5+1.5)/ 2 (4+1.5)/2	12)/2 1.500 3.6650	<u>-</u>	36.000 362.836	
P1 Sub surface weirs b/w P1 and P2 Sub surface weirs b/w	1	12.000	(2.5+1.5)/ 2 (4+1.5)/2	12)/2 1.500 3.6650 Total	<u>-</u>	36.000 362.836 490.585 c	1

9	13.5.B Plain/Reinforced Cer Specifications			b-structure	complete	as per dr	awing and	Techni
	Super structutre for LB abutment (A1)	nt upto 5m	12.000	(2+1)/2	4.000		72.000	
					Tota	al Quantity	72.000 cu	m
				То	tal Deducte	d Quantity	0.000 cum	1
		72.000 cum						
10	12.8.E.2.1 Plain/Reinforced Cem Specifications. RCC Grade M25 - With		Plant, Transi	t Mixer and C	Concrete Pu			Techni
	Abutment CF A2	/ 1	5.000	9.000	1.000		45.000	
	For pier footing	4	8.000	6.000	1.500	1	288.000	
				То	Totatal Deducte	al Quantity d Quantity	333.000 c	
	0	ther Er	ngineeri Say-3	ng Orga 333.000 cum	amsauc	al Quantity	333.000 c	um 8661.98
11	13.5.F.P.2 Plain/Reinforced cemer RCC Grade M25 - With			•	•	•	-	ecificatio
	Pier	4	2.000	2.000	5.000		80.000	
		4	3.14*1*1	1.000	5.000		62.801	
	CF abutment stem	1	1.000	9.000	5.000		45.000	
	Counter fort middle	2	0.500	(3+1.125)/	5.000		10.313	
					5.000		15.000	
	End CF s	2	0.500	3.000	5.000		15.000	
	End CF s Groove	2	0.500 0.600	3.000 0.600	5.000		-14.399	
					5.000	al Quantity		um
				0.600	5.000		-14.399	
				0.600	5.000 Tota tal Deducte		-14.399 213.114 c	ım
			0.600	0.600	5.000 Total tal Deducte Net Total	d Quantity	-14.399 213.114 c -14.399 cu 198.715 c	ım

	Diago			0.000	0.070	ımp - Height		
	Plers	4	2.000	2.000	3.970		63.520	
		4	3.140	1*1	3.970		49.864	
		4	2.000	2.000	4.885		78.160	
	cap	4	2.500	2.500	0.300		7.500	
	Counter fort stem	1	1.000	9.000	3.000		27.000	
		1	1.000	9.000	4.925		44.325	
	Counter fort	2	0.500	(1.125+0)/	3.000		1.688	
		2	0.500	3.000	3.000		9.000	
	Groove	8	0.600	0.600	8.855		-25.502	
			634	W 54	Tota	al Quantity	281.057 c	um
		11		To	tal Deducte	d Quantity	-25.502 cu	ım
		14	TON		Net Tot	al Quantity	255.555 c	um
			Say 2	255.555 cum	@ Rs 8840	0.60 / cum	Rs 225	9259.5
13	12.40 Supply, Fitting and Pl	•					omplete as p	er Drav
13	Supply, Fitting and Pland Technical Specifi	•	ngineeri		ement in Fo	ns		er Drav
13	Supply, Fitting and Pland Technical Specifi As per item 8	cations E	490.585			0.02	9.812	er Drav
13	Supply, Fitting and Pland Technical Specifi	cations E	ngineeri		anisation E	0.02 0.11	9.812 36.630	
13	Supply, Fitting and Pland Technical Specifi As per item 8	cations E	490.585	ng Orga	Tot	0.02 0.11 al Quantity	9.812 36.630 46.442 M	
13	Supply, Fitting and Pland Technical Specifi As per item 8	cations E	490.585	ng Orga	Total Deducte	0.02 0.11 al Quantity d Quantity	9.812 36.630 46.442 MT	Γ
13	Supply, Fitting and Pland Technical Specifi As per item 8	cations E	490.585 333.000	ng Orga	Total Deducted Net Total	0.02 0.11 al Quantity d Quantity	9.812 36.630 46.442 MT 0.000 MT 46.442 MT	Γ
	Supply, Fitting and Pland Technical Specifical As per item 8 As per item 10	cations E	490.585 333.000	ng Orga	Total Deducted Net Total	0.02 0.11 al Quantity d Quantity	9.812 36.630 46.442 MT	Γ
13	Supply, Fitting and Pland Technical Specifi As per item 8	cations F	490.585 333.000 Say	To:	Total Deducte Net Total @ Rs 7420	0.02 0.11 al Quantity d Quantity al Quantity 98.34 / MT	9.812 36.630 46.442 MT 0.000 MT 46.442 MT	Г 6383.7
	Supply, Fitting and Pland Technical Specifical As per item 8 As per item 10 13.6 Supplying, fitting and	cations F	490.585 333.000 Say	To:	Total Deducte Net Total @ Rs 7420	0.02 0.11 al Quantity d Quantity al Quantity 98.34 / MT	9.812 36.630 46.442 MT 0.000 MT 46.442 MT	6383.7
	Supply, Fitting and Pland Technical Specification As per item 8 As per item 10 13.6 Supplying, fitting and Technical Specification	placing H	490.585 333.000 Say	To:	Total Deducte Net Total @ Rs 7420	0.02 0.11 al Quantity d Quantity al Quantity 18.34 / MT	9.812 36.630 46.442 MT 0.000 MT 46.442 MT Rs 344	Г 6383.7
	Supply, Fitting and Pland Technical Specifications As per item 8 As per item 10 13.6 Supplying, fitting and Technical Specifications as per item 9	placing H	490.585 333.000 Say YSD bar rein	To:	Total Deducte Net Total @ Rs 7420	0.02 0.11 al Quantity d Quantity al Quantity 8.34 / MT ture comple	9.812 36.630 46.442 MT 0.000 MT 46.442 MT Rs 344 ete as per d	Г 6383.7
	Supply, Fitting and Pland Technical Specifications As per item 8 As per item 10 13.6 Supplying, fitting and Technical Specifications per item 9 as per item 11	placing H'ons	490.585 333.000 Say 7SD bar rein 72.000 198.715	To:	Total Deducted Net Total Rs 7420 n sub-struct	0.02 0.11 al Quantity d Quantity al Quantity 8.34 / MT ture comple 0.11 0.11	9.812 36.630 46.442 MT 0.000 MT 46.442 MT Rs 344 ete as per d	6383.73 rawing
	Supply, Fitting and Pland Technical Specifications As per item 8 As per item 10 13.6 Supplying, fitting and Technical Specifications per item 9 as per item 11	placing H'ons	490.585 333.000 Say 7SD bar rein 72.000 198.715	Too y 46.442 MT	Total Deducted Net Total Rs 7420 n sub-struct	0.02 0.11 al Quantity d Quantity al Quantity 0.8.34 / MT ture comple 0.11 0.11 0.11 al Quantity	9.812 36.630 46.442 MT 0.000 MT 46.442 MT Rs 344 ete as per d 7.920 21.859 28.112	Г 6383.7 3
	Supply, Fitting and Pland Technical Specifications As per item 8 As per item 10 13.6 Supplying, fitting and Technical Specifications per item 9 as per item 11	placing H'ons	490.585 333.000 Say 7SD bar rein 72.000 198.715	Too y 46.442 MT	Total Deducted Net Total Sub-structed Total Deducted Total Deducte	0.02 0.11 al Quantity d Quantity al Quantity 0.8.34 / MT ture comple 0.11 0.11 0.11 al Quantity	9.812 36.630 46.442 MT 0.000 MT 46.442 MT Rs 344 ete as per d 7.920 21.859 28.112 57.891 MT	Г 6383.73 rawing

4.5	10.10							
15	13.10 Providing and laying or requirements laid down mm with smaller size the surface behind abutment complete as per drawing the surface behind abutment to the surface behind	in clause 2 cowards the ent, wing w	2504.2.2. of e soil and b vall and retu	MoRTH spingger size to urn wall to	ecifications owards the	to a thickne wall and p	ess of not les rovided ove	ss than 600 r the entire
	Land Side Of Abutment	2	5.000	0.600	8.000		48.000	
					Tota	al Quantity	48.000 cu	m
		d Quantity						
					Net Tota	al Quantity	48.000 cu	m
			Say	48.000 cum	@ Rs 3117	7.99 / cum	Rs 149	9663.52
16	od43877/2019_2020 Sand Filling in Foundati	on Trenche	s as per Dra	awing & Tec	hnical Spec	ification usi	ng available	sand
	Below gabion block U/S apron	1	70.000	2.000	0.300		42.000	
	Below gabion block D/S apron	1	70.000	5.000	0.300	L	105.000	
				NO 01	Tota	al Quantity	147.000 c	um
		than En		To	tal Deducte	d Quantity	0.000 cum	1
	0	ther En	igineeri	ng Orga	Net Tota	al Quantity	147.000 c	um
			Say	147.000 cui	m @ Rs 198	3.03 / cum	Rs 29	110.41
17	od43878/2019_2020 Providing & making Ga Wire mesh Gabion Box 10x12(D=100 mm with mechanically edged/so numbers of openings p 2.2/3.2mm(ID/OD), dimension br>of 200	es as per la tolerance elvedged wo per meter o	S 16014:20 e of ± 2%) vith partition of br>mesh @3% by w	12,MORTH Zinic+PVC ns at ev perpendicu veight of G	Clause clause clar to twist, abion boxe	2500, of real, Mesh wire erval and so tying with es, filled wi	quired size, re diameter; hall have malacing wire the boulders	Mesh Typ 2.7/3.7mn hinimum 1 of diamete with leas
			For filling	inside gabi	on boxes			
	U/S side	1	70.000	2.000	0.500		70.000	
	D/s side	1	70.000	2.500	0.500		87.500	
	D/S side	1	70.000	2.500	1.000		175.000	
					Tota	al Quantity	332.500 c	um
				To	tal Deducte	d Quantity	0.000 cum	1
					Net Tota	al Quantity	332.500 c	um
			Say 3	32.500 cum	@ Rs 4010).73 / cum	Rs 133	3567.73

	od50475/2019_2020 Stone pitching with goo	od quality bla	asted rubble	including pa	acking to co	ompactness	to lines leve	els, cost a
	conveyance of all mate	rials labour	charges etc	. complete a	as per direc	tion of Depa	rtmental offi	cers at s
	For left bank piching	1	6.000	5.000	0.450		13.500	
					Tot	al Quantity	13.500 cu	ım
				To	tal Deducte	ed Quantity	0.000 cun	n
					Net Tot	al Quantity	13.500 cu	ım
			Say	13.500 cum	@ Rs 237	0.42 / cum	Rs 32	000.67
SI No	Description	No	L	В	D	CF	Quantity	Remark
		2 Appe	ndix B- Ban	k Protectio	n Works			
	Earth work in excavat exceeding 30 cm in de to be levelled and neat	pth, includir ly dressed a	g disposal c and as direc	of excavated ted by Engir	l earth, with neer in char	all lead and	l lift, dispose of soil	
	U/s both banks	2	110.000	(5+1)/2	8.000		5280.000	
	D/s both banks	2	50.000	(5+1)/2	8.000	L	2400.000	
		19/4-			Tot	al Quantity	7680.000	cum
			M. Carl	To	tal Deducte	ed Quantity	0.000 cun	n
		thor Er	oinoori	na Oras	Net Tot	al Quantity	7680.000	cum
		ther Er	Say 7	19 Org 680.000 cur	m @ Rs 17	5.14 / cum	Rs 134	5075.20
2	od43845/2019_2020 Bailing out water Usi conveyance to site an					_	-	
		3	45.000	8.000			1080.000	
					Tot	al Quantity	1080.000	hour
				To	Tot		1080.000 0.000 hou	
				То	tal Deducte			ır
			Say 1	To 080.000 hou	otal Deducte	ed Quantity	0.000 hou	ır
3	od43854/2019_2020 RING BUND Type-I-Pu empty gunny/polythene puddle clay to form b completion of the wor	e bags filled und for an	g bund as po d with earth average he	080.000 hou er approved placed in 2	Net Tot Ir @ Rs 232 shape 2.5i rows at 0.6	ed Quantity al Quantity 2.74 / hour m bottom wi 6m apart an	0.000 hou 1080.000 Rs 25 ² dth, 1m top d filled in be	hour 1359.20 width us
3	RING BUND Type-I-Pu empty gunny/polythen	e bags filled und for an	g bund as po d with earth average he	080.000 hou er approved placed in 2	Net Tot Ir @ Rs 232 shape 2.5i rows at 0.6	ed Quantity al Quantity 2.74 / hour m bottom wi 6m apart an	0.000 hou 1080.000 Rs 25 ² dth, 1m top d filled in be	hour 1359.20 width us
3	RING BUND Type-I-Pu empty gunny/polythene puddle clay to form b completion of the wor	e bags filled und for an k etc. com	g bund as po d with earth average he plete.	080.000 hou er approved placed in 2	Net Tot Ir @ Rs 232 shape 2.5r rows at 0.6 including	ed Quantity al Quantity 2.74 / hour m bottom wi 6m apart an	0.000 hou 1080.000 Rs 25	hour 1359.20 width us etween v

					Net Tota	al Quantity	320.000 m	netre
			Say 320	.000 metre (@ Rs 1202.7	72 / metre	Rs 384	1870.40
4	12.1.4.A Earth work in excavation setting out, construction of sides and bottom and Hard Rock (blasting presented)	n of shoring d backfilling	and bracing with approv	, removal of red material.	stumps and		•	_
	U/s banks	2	110.000	5.000	0.600		660.000	
	D/s banks	2	50.000	5.000	0.600		300.000	
					Tota	al Quantity	960.000 c	um
				To	tal Deducte	d Quantity	0.000 cum	า
			//98	165	Net Tota	al Quantity	960.000 c	um
			Say	960.000 cur	m @ Rs 587	7.42 / cum	Rs 563	3923.20
	DOWEL BARS - Supply 1m in concrete) include etc complete		L Pu "NI F				• .	
	For protection wall u/s	2	5.000	110.000			1100.000	
	For protection walld/s	2	5.000	50.000			500.000	
	0	ther Er	ngineeri	ng Orga	anisatio	al Quantity	1600.000	each
		$D \perp 1$		To	tal Deducte	d Quantity	0.000 eac	h
					Net Tota	al Quantity	1600.000	each
			Say 16	00.000 each	n @ Rs 674	.18 / each	Rs 107	8688.00
6	12.8.2.C.1 Plain/Reinforced Cem Specifications RCC Grade M20 With E		·		·	·	rawing and	Technica
	PCC Below Foundation	2	160.000	5.000	0.100		160.000	
					Tota	al Quantity	160.000 c	um
				To	tal Deducte	d Quantity	0.000 cum	ı
					Net Tota	al Quantity	160.000 c	um
			Say 1	60.000 cum	@ Rs 7509	9.93 / cum	Rs 120	1588.80
7	12.8.E.1.1 Plain/Reinforced Cem Specifications. RCC Grade M25 - Usin		·	n Foundatio	on complet	e as per D	rawing and	Technica

	Ret wall foundation	2	160.000	5.000	0.800		1280.000	
					Tot	al Quantity	1280.000	cum
				То	tal Deducte	ed Quantity	0.000 cun	า
					Net Tot	al Quantity	1280.000	cum
			Say 12	280.000 cum	@ Rs 8856	6.87 / cum	Rs 113	36793.60
8	13.5.F.P.2 Plain/Reinforced ceme RCC Grade M25 - Witl			•	•	ū	•	ecification
	Stem	2	160.000	0.400	5.000		640.000	
	Counter fort	2*38	0.300	(3.6+1.4)/	5.000		285.000	
		2*17	0.300	(3.6+1.4)/	5.000		127.500	
			N 3	R. W	Tot	al Quantity	1052.500	cum
		(k.		То	tal Deducte	ed Quantity	0.000 cun	า
		155	ル当		Net Tot	al Quantity	1052.500	cum
	Net Total Quantity						1052.500 cum	
		460	Say 10)52.500 cum	@ Rs 8560	0.45 / cum	Rs 900	9873.63
9	13.5.F.q.2 Plain/Reinforced ceme RCC Grade M25 - With	ITDAT HI	in sub-struct	ture complet	e as per dra	awing and T	echnical Sp	
9	Plain/Reinforced ceme	ITDAT HI	in sub-struct	ture complet	e as per dra	awing and T	echnical Sp	
9	Plain/Reinforced ceme RCC Grade M25 - With	h Batching F	in sub-struct	ture complet	e as per dra Concrete Pu	awing and T	echnical Spo	
9	Plain/Reinforced ceme RCC Grade M25 - With Stem	h Batching F	in sub-struct	ture complet Mixer and 0	e as per dra Concrete Pu 3.200	awing and T	echnical Sports to 10m 409.600	
9	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s	h Batching F 2 2*38	in sub-struct Plant, Transit 160.000 0.300	0.400 (1.4+0)/2	e as per dra Concrete Pu 3.200 3.200 3.200	awing and T	echnical Spo 5m to 10m 409.600 51.072	ecificatio
9	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s	h Batching F 2 2*38	in sub-struct Plant, Transit 160.000 0.300	0.400 (1.4+0)/2 (1.4+0)/2	e as per dra Concrete Pu 3.200 3.200 3.200	awing and Tump - Height	echnical Sports for to 10m 409.600 51.072 22.849	ecificatio
9	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s	h Batching F 2 2*38	in sub-struct Plant, Transit 160.000 0.300	0.400 (1.4+0)/2 (1.4+0)/2	e as per dra Concrete Pu 3.200 3.200 Tot stal Deducte	awing and Tump - Height	echnical Sports for to 10m 409.600 51.072 22.849 483.521 c	ecificatio
9	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s	h Batching F 2 2*38	in sub-struct Plant, Transit 160.000 0.300 0.300	0.400 (1.4+0)/2 (1.4+0)/2	e as per dra Concrete Pu 3.200 3.200 Tot stal Deducte Net Tot	awing and Tump - Height al Quantity ad Quantity al Quantity	echnical Spot 5m to 10m 409.600 51.072 22.849 483.521 c 0.000 cun 483.521 c	ecificatio
9	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s	h Batching F 2 2*38 2*17	in sub-struct Plant, Transit 160.000 0.300 0.300	ture complet Mixer and 0 0.400 (1.4+0)/2 (1.4+0)/2	e as per dra Concrete Pu 3.200 3.200 Tot stal Deducte Net Tot @ Rs 8840	awing and Toump - Height al Quantity ad Quantity al Quantity 0.60 / cum	echnical Sports to 10m 409.600 51.072 22.849 483.521 c0 0.000 cun 483.521 cc Rs 427	um um 4615.75
	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s D/s 12.40 Supply, Fitting and Pla	h Batching F 2 2*38 2*17	in sub-struct Plant, Transit 160.000 0.300 0.300	ture complet Mixer and 0 0.400 (1.4+0)/2 (1.4+0)/2	e as per dra Concrete Pu 3.200 3.200 Tot stal Deducte Net Tot @ Rs 8840	awing and Toump - Height al Quantity ad Quantity al Quantity 0.60 / cum	echnical Sports to 10m 409.600 51.072 22.849 483.521 c0 0.000 cun 483.521 cc Rs 427	um um 4615.75
	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s D/s 12.40 Supply, Fitting and Pla and Technical Specific	2 2*38 2*17 acing un- co	in sub-struct Plant, Transit 160.000 0.300 0.300 Say 4	ture complet Mixer and 0 0.400 (1.4+0)/2 (1.4+0)/2	e as per dra Concrete Pu 3.200 3.200 Tot stal Deducte Net Tot @ Rs 8840 ement in Fe	awing and Toump - Height al Quantity ad Quantity al Quantity 0.60 / cum	echnical Sports to 10m 409.600 51.072 22.849 483.521 condition of the cond	um um 4615.75
	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s D/s 12.40 Supply, Fitting and Pla and Technical Specific	2 2*38 2*17 acing un- co	in sub-struct Plant, Transit 160.000 0.300 0.300 Say 4	ture completed Mixer and Completed O.400 (1.4+0)/2 (1.4+0)/2 To the second Park Reinforce Dear R	e as per dra Concrete Pu 3.200 3.200 Tot stal Deducte Net Tot @ Rs 8840 ement in Fe	awing and Tump - Height al Quantity al Quantity 0.60 / cum cundation co	echnical Sports to 10m 409.600 51.072 22.849 483.521 column 483.521 colum	um um 4615.75
	Plain/Reinforced ceme RCC Grade M25 - With Stem Counterfort U/s D/s 12.40 Supply, Fitting and Pla and Technical Specific	2 2*38 2*17 acing un- co	in sub-struct Plant, Transit 160.000 0.300 0.300 Say 4	ture completed Mixer and Completed O.400 (1.4+0)/2 (1.4+0)/2 To the second Park Reinforce Dear R	e as per dra Concrete Pt 3.200 3.200 Tot stal Deducte Net Tot @ Rs 8840 ement in Fo	awing and Tump - Height al Quantity al Quantity 0.60 / cum cundation co	echnical Sports to 10m 409.600 51.072 22.849 483.521 column 483.521 column 483.521 column 483.521 column 140.800 M	um 4615.75 Der Drawi

	13.6 Supplying, fitting a Technical Specific		SD bar reinf	forcement i	n sub-struc	ture comple	ete as per d	rawing and			
	Vide item 8	1	1052.500			0.11	115.775				
	Vide item 9	1	483.521			0.11	53.188				
					Tota	al Quantity	168.963 N	ΛΤ			
				To	tal Deducte	d Quantity	0.000 MT				
	Net Total Quantity Say 168.963 MT @ Rs 74484.41 / MT							168.963 MT			
								85109.37			
	Supply and fixing 1 vertical perforated charges and fixing Weep Holes	pipe along the	checkdam	and pier po	ortion includ	ling cost ar	nd conveyar				
	weep noies	2 2 32	1.600	55 /	Total	ol Occapita					
		18	1		750	al Quantity	374.401 n				
		163.	1	10	م _ا درورو	البياني					
			Total Deducted Quantity 0.000 metre Net Total Quantity 374.401 metre								
13	13.10 Providing and lavi	Other Fr	Hair	4.401 metre	@ Rs 280.5	50 / metre	Rs 10	5019.48			
13	Providing and layi requirements laid omm with smaller surface behind ab	down in clause lize towards the outment, wing v	dia with gra 2504.2.2. of e soil and bi	nular matel MoRTH spi igger size to urn wall to	@ Rs 280.5	50 / metre crushed ago to a thickne wall and pr	Rs 10s	tisfying thess than 600 r the entire			
13	Providing and layi requirements laid omm with smaller s	down in clause lize towards the outment, wing v	dia with gra 2504.2.2. of e soil and bi	nular matel MoRTH spi igger size to urn wall to	@ Rs 280.5	50 / metre crushed ago to a thickne wall and pr	Rs 10s	tisfying thess than 600 r the entire			
13	Providing and layi requirements laid of mm with smaller surface behind ab complete as per definition.	down in clause ize towards the utment, wing v lrawing and Te	dia with gra 2504.2.2. of e soil and bi wall and retu	nular matel MoRTH spi igger size to urn wall to ecification.	@ Rs 280.5 rials/stone (ecifications owards the the full height	crushed age to a thickne wall and pi	Rs 109 gregates saless of not lead to a firm 44.928	tisfying these than 60 recondition			
13	Providing and layi requirements laid of mm with smaller surface behind ab complete as per definition.	down in clause ize towards the utment, wing v lrawing and Te	dia with gra 2504.2.2. of e soil and bi wall and retu	nular mater MoRTH sprigger size to urn wall to ecification.	@ Rs 280.5 rials/stone (cecifications owards the the full height of th	crushed age to a thickned wall and playing compact	Rs 109 gregates sales of not lead to a firm 44.928	tisfying these than 60 recondition			
13	Providing and layi requirements laid of mm with smaller surface behind ab complete as per definition.	down in clause ize towards the utment, wing v lrawing and Te	dia with gra 2504.2.2. of e soil and bi wall and retu	nular mater MoRTH sprigger size to urn wall to ecification.	@ Rs 280.5 rials/stone of ecifications owards the the full height of t	crushed age to a thickned wall and pusht compact	Rs 109 gregates sales of not lest rovided overted to a firm 44.928 44.928 cu 0.000 cun	tisfying thess than 60 r the entire condition			
13	Providing and layi requirements laid of mm with smaller surface behind ab complete as per definition.	down in clause ize towards the utment, wing v lrawing and Te	dia with gra 2504.2.2. of e soil and bi vall and retu echnical Spe 0.600	nular mater MoRTH sprigger size to urn wall to ecification. 0.600	@ Rs 280.5 ials/stone of ecifications owards the the full height of the full height of the full bedone the ful	crushed age to a thickned wall and property of the compact of the	Rs 109 gregates sales of not lead to a firm 44.928 44.928 cu 0.000 cun 44.928 cu	tisfying these than 60 r the entire m condition			
13 SI No	Providing and layi requirements laid of mm with smaller surface behind ab complete as per definition.	down in clause ize towards the utment, wing v lrawing and Te	dia with gra 2504.2.2. of e soil and bi vall and retu echnical Spe 0.600	nular mater MoRTH sprigger size to urn wall to ecification.	@ Rs 280.5 ials/stone of ecifications owards the the full height of the full height of the full bedone the ful	crushed age to a thickned wall and property of the compact of the	Rs 109 gregates sales of not lead to a firm 44.928 44.928 cu 0.000 cun 44.928 cu	tisfying thess than 60 r the entire condition			
	Providing and layirequirements laid of mm with smaller surface behind ab complete as per domear weep holes	down in clause ize towards the utment, wing value and Te 2*2*52	dia with gra 2504.2.2. of e soil and be wall and retue chnical Spe 0.600 Say	nular mater MoRTH springer size to urn wall to ecification. 0.600	@ Rs 280.5 rials/stone of ecifications owards the the full height of the full height of the full beducte with the full beducte and the full beducte are represented in the full beducte and the full beducte are represented in the full beducted in the	crushed age to a thickne wall and pushed compace al Quantity d Quantity al Quantity 2.99 / cum	Rs 109 gregates sales of not lead to a firm 44.928 44.928 cu 0.000 cum 44.928 cu Rs 146 Quantity	tisfying these than 60 reconditions me			
	Providing and layirequirements laid of mm with smaller surface behind ab complete as per domear weep holes	lown in clause ize towards the utment, wing value in the utment in the utment in clause ize towards the utment, wing value in clause in	dia with gra 2504.2.2. of e soil and bi vall and retu echnical Spe 0.600 Say L ON OF GENE	nular mater MoRTH springer size to urn wall to ecification. 0.600 To 44.928 cum B ERATOR RO eans (Hydrauel) as 10	@ Rs 280.5 ials/stone (ecifications owards the the full height of the	crushed aggito a thickned wall and program and Quantity al Quantity al Quantity CF GUARD RC	Rs 109 gregates sales of not less of not less of not less of not less over the dot on a firm 44.928 44.928 cu 0.000 cum 44.928 cu Rs 146 Quantity DOM	tisfying these than 60 rethe entire mondition m m 0085.05 Remark			

							1	
	Foundation wall	2	3.000	0.600	0.750		2.700	
		3	2.200	0.600	0.750		2.970	
		2	1.000	0.600	0.750		0.900	
	Ramp foundation	1	4.000	2.100	0.300		2.520	
					Tota	al Quantity	69.090 cu	ım
				To	otal Deducte	d Quantity	0.000 cun	n
					Net Tota	al Quantity	69.090 cu	ım
			Say	y 69.090 cu	m @ Rs 165	5.07 / cum	Rs 11	404.69
	Providing and laying in shuttering - All work up nominal size) Levelling course	to plinth	level:1:4:8 (1 cement :	4 coarse sa	•	ed stone ag	_
	under footing	6	2.000	2.000	0.100		2.401	
			1800		Tota	al Quantity	2.401 cun	n
		155		To	otal Deducte	d Quantity	0.000 cun	n
	76				Net Tota	al Quantity	2.401 cun	n
		•						
			Sa	y 2.401 cum	n @ Rs 5869	<u> </u>	Rs 14	091.61
3	5.9.1 Other columns, etc for mass columns, etc for mass columns.	g including	ngineeri	ng Org	@ Rs 5869	9.06 / cum		
3	Centering and shuttering	g including	ngineeri	ng Org	@ Rs 5869	9.06 / cum		
3	columns, etc for mass c	g including oncrete	ngineeri g strutting, et	ng Org	anisatio	9.06 / cum	tions, footing	
3	columns, etc for mass c	g including oncrete 6*4	strutting, et	ng Org	anisation of form 0.300	9.06 / cum	tions, footing	
3	Centering and shuttering columns, etc for mass column footing column up to plinth	g including oncrete 6*4 6	strutting, et	ng Org	0.300 0.960	0.06 / cum	12.960 24.192	
3	Centering and shuttering columns, etc for mass column footing column up to plinth level	g including concrete 6*4 6 6*4	1.800 4.200 0.300	ng Org	0.300 0.960	0.06 / cum	12.960 24.192 14.040	
3	Centering and shuttering columns, etc for mass column footing column up to plinth level ramp	g including concrete 6*4 6 6*4 2	1.800 4.200 0.300 4.000	ng Org	0.300 0.960 1.950 (0.45+0)/2	0.06 / cum	12.960 24.192 14.040 1.800	gs, bases
3	Centering and shuttering columns, etc for mass column footing column up to plinth level ramp	g including concrete 6*4 6 6*4 2	1.800 4.200 0.300 4.000	ng Org	0.300 0.960 1.950 (0.45+0)/2	2.06 / cum 2.06 / cum 2.06 / cum 2.06 / cum 2.07 / cum 2.08 / cum 2.09 / cum	12.960 24.192 14.040 1.800 0.900	gs, bases
3	Centering and shuttering columns, etc for mass column footing column up to plinth level ramp	g including concrete 6*4 6 6*4 2	1.800 4.200 0.300 4.000	ng Org	0.300 0.960 1.950 (0.45+0)/2 Total Deducted	2.06 / cum 2.06 / cum 2.06 / cum 2.06 / cum 2.07 / cum 2.08 / cum 2.09 / cum	12.960 24.192 14.040 1.800 0.900 53.892 so	gs, bases
3	Centering and shuttering columns, etc for mass column footing column up to plinth level ramp	g including concrete 6*4 6 6*4 2	1.800 4.200 0.300 4.000 2.000	ng Org	0.300 0.960 1.950 (0.45+0)/2 Total Deducted	al Quantity al Quantity	12.960 24.192 14.040 1.800 0.900 53.892 sc 0.000 sqn	gs, bases
3	Centering and shuttering columns, etc for mass column footing column up to plinth level ramp	g including oncrete 6*4 6 6*4 2 2 ishing and	1.800 4.200 0.300 4.000 2.000 Say	To y 53.892 sq ade of reinfent - All worl	0.300 0.960 1.950 (0.45+0)/2 Total Deducted Net Total Corced ceme	al Quantity al Quantity al Quantity al Quantity and Quantity and Quantity	12.960 24.192 14.040 1.800 0.900 53.892 so 0.000 sqn 53.892 so Rs 13	gs, bases m n g698.81

1.663	1.000	0.600		5.987	
4.000	2.100	0.300		2.520	
4.000	2.000	(.45+0)/2		1.800	
24.400	0.300	0.150		1.098	
0.300	0.300	1.950		1.053	
0.300	0.300	0.150		-0.081	
		Tota	al Quantity	18.290 cu	m
	To	otal Deducte	d Quantity	-0.081 cur	n
		Net Tota	al Quantity	18.209 cu	m
Say	18.209 cum	ı @ Rs 8145	.84 / cum	Rs 148	327.60
ing strutting	, etc. and	2	form for:C		lars, Pie
0.300	20/4	3.500		16.800	
0.300		3.000	L	7.200	
0.300		0.400		-0.480	
M. C. C. C.	in at \$277		al Quantity	24.000 sq	m
ngineeri	ng Org	otal Deducte	ns	-0.480 sqr	
			al Quantity	23.520 sq	
Say	y 23.520 sq	m @ Rs 613	.16 / sqm	Rs 14	421.52
in walls (any ns, pillars, pie ering, finishin nominal size 4.000	ers, abutme g and reinfo	nts, posts a	nd struts et	c. up tot floo	or five le
0.300	0.300	3.000		0.540	
4.000	0.300	0.400		0.480	
0.300	0.300	0.400		-0.036	
		Tota	al Quantity	2.316 cum	1
	To	otal Deducte	d Quantity	-0.036 cur	n
		Net Tota	al Quantity	2.280 cum	1
Sa	y 2.280 cum	@ Rs 9365	.29 / cum	Rs 21	352.86
				Say 2.280 cum @ Rs 9365.29 / cum	Say 2.280 cum @ Rs 9365.29 / cum Rs 21

	level with:Cement mo	ortar 1:6 (1 ce	ment : 6 coa	arse sand)	1			
	Foundation	2	4.400	0.600	0.750		3.960	
		2	2.700	0.600	0.750		2.430	
		3	3.400	0.600	0.750		4.590	
	Basement	2	4.400	0.450	0.450		1.783	
		2	4.400	0.450	0.450		1.783	
		3	3.400	0.450	0.450		2.066	
		1	2.900	0.450	0.450		0.588	
					Tota	al Quantity	17.200 cu	m
			160	To	otal Deducte	d Quantity	0.000 cum	า
			1.01	MAG	Net Tota	al Quantity	17.200 cu	m
			Say	17.200 cum	n @ Rs 5197	7.64 / cum	Rs 89	399.41
	1							
	charges etc.	1.32						
	Walls	2	4.400	0.200	2.400		4.224	
	Walls	2 Othe ? Er	4.400	0.200	2.400 3.000	ns	4.224 3.240	
	Walls		. 534.34	45.00		ns		
	Walls	Othe? Er	g i2:700 ri	ng0.200 g	an3.000ic	ns 1	3.240	
	Walls Deductions doors	Othe? Er	3.200	0.200 g	3.000	ns	3.240 3.841	
		Othe? Er	3.200 2.700	0.200 g 0.200 0.200	3.000 3.000 3.000	ns 1	3.240 3.841 1.620	
	Deductions doors	Othe? Er	3.200 2.700 1.200	0.200 0.200 0.200 0.200	3.000 3.000 3.000 2.100	ns 1	3.240 3.841 1.620 -1.008	
	Deductions doors Windows	Othe? Er 2 1 -2 -6	2.700 3.200 2.700 1.200 1.500	0.200 0.200 0.200 0.200 0.200	3.000 3.000 3.000 2.100 1.500	ns 1	3.240 3.841 1.620 -1.008 -2.700	
	Deductions doors Windows Ventillator	2 1 -2 -6 -1	2.700 3.200 2.700 1.200 1.500 0.900	0.200 0.200 0.200 0.200 0.200	3.000 3.000 3.000 2.100 1.500 0.600	ns	3.240 3.841 1.620 -1.008 -2.700 -0.108	
	Deductions doors Windows Ventillator	2 1 -2 -6 -1 -2	2.700 3.200 2.700 1.200 1.500 0.900 7.100	0.200 0.200 0.200 0.200 0.200 0.200	3.000 3.000 2.100 1.500 0.600 0.150	ns 1	3.240 3.841 1.620 -1.008 -2.700 -0.108 -0.426	n
	Deductions doors Windows Ventillator	2 1 -2 -6 -1 -2	2.700 3.200 2.700 1.200 1.500 0.900 7.100	0.200 0.200 0.200 0.200 0.200 0.200 0.200	3.000 3.000 2.100 1.500 0.600 0.150	al Quantity	3.240 3.841 1.620 -1.008 -2.700 -0.108 -0.426 0.103	
	Deductions doors Windows Ventillator	2 1 -2 -6 -1 -2	2.700 3.200 2.700 1.200 1.500 0.900 7.100	0.200 0.200 0.200 0.200 0.200 0.200 0.200	3.000 3.000 2.100 1.500 0.600 0.150 Total Deducte	al Quantity	3.240 3.841 1.620 -1.008 -2.700 -0.108 -0.426 0.103 8.786 cum	า
	Deductions doors Windows Ventillator	2 1 -2 -6 -1 -2	2.700 3.200 2.700 1.200 1.500 0.900 7.100 3.400	0.200 g 0.200 0.200 0.200 0.200 0.200 0.200	3.000 3.000 2.100 1.500 0.600 0.150 Total Deducte	al Quantity d Quantity al Quantity	3.240 3.841 1.620 -1.008 -2.700 -0.108 -0.426 0.103 8.786 cum 0.000 cum 8.786 cum	า
9	Deductions doors Windows Ventillator	2 1 1 -2 -6 -1 -2 1	2.700 3.200 2.700 1.200 1.500 0.900 7.100 3.400	0.200 g 0.200 0.200 0.200 0.200 0.200 To	3.000 3.000 3.000 2.100 1.500 0.600 0.150 Total Deducte Net Total 0 @ Rs 6705	al Quantity d Quantity al Quantity 5.70 / cum	3.240 3.841 1.620 -1.008 -2.700 -0.108 -0.426 0.103 8.786 cum 0.000 cum 8.786 cum Rs 58	n n 916.28
9	Deductions doors Windows Ventillator Lintel 5.9.5 Centering and shutte	2 1 1 -2 -6 -1 -2 1	2.700 3.200 2.700 1.200 1.500 0.900 7.100 3.400	0.200 g 0.200 0.200 0.200 0.200 0.200 To	3.000 3.000 3.000 2.100 1.500 0.600 0.150 Total Deducte Net Total 0 @ Rs 6705	al Quantity d Quantity al Quantity 5.70 / cum	3.240 3.841 1.620 -1.008 -2.700 -0.108 -0.426 0.103 8.786 cum 0.000 cum 8.786 cum Rs 58	n n 916.28

		1*2	3.400		0.150		1.020		
		2	24.400		0.150		7.320		
		3	4.000		0.150		1.800		
					Tota	al Quantity	15.420 sq	m	
				To	otal Deducte	d Quantity	0.000 sqn	n	
					Net Tota	al Quantity	15.420 sq	m	
			Say	y 15.420 sqı	m @ Rs 449	0.40 / sqm	Rs 69	929.75	
10	5.9.3 Centering and sh landings, balconi	•	-	, etc. and r	emoval of	form for:Su	ispended fl	oors, ro	
	slab	1	3.500	4.600			16.100		
	sunshade	2	8.000	0.600			9.600		
		2	5.200	0.600	1		6.240		
		11	1 112	51/1	Tota	al Quantity	31.940 sq	m	
		12	TOW	To	tal Deducte	d Quantity	0.000 sqn	า	
		101	Ma	Bay.	Net Tota	al Quantity	31.940 sq	m	
		Net Total Quantity 31.940 sqm							
11	5.3 Reinforced cemer	nt concrete work	Hain	4 348	m @ Rs 553			677.83	
11	Reinforced cemer balconies, shelves five level excluding	s, chajjas, lintels g the cost of cer	in beams, s , bands, plai ntering, shutt	suspended n window si tering, finish	floors, roofs lls, staircas ing and rei	having sloes and spira	ope up to 18	5 ⁰ landir s up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2	s, chajjas, lintels g the cost of cer Zone III) : 3 grad	in beams, s , bands, plai ntering, shutt led stone ag	suspended n window si tering, finish gregate 20	floors, roofs ills, staircas ning and rein mm nomina	having sloes and spira	ope up to 18 al stair case: with1:1.5:3	5 ⁰ landir s up to fl	
11	Reinforced cemer balconies, shelves five level excluding	s, chajjas, lintels g the cost of cer Zone III) : 3 grad	in beams, s , bands, plaintering, shutted stone ag	suspended n window si tering, finish gregate 20 0.200	floors, roofs ills, staircas ning and rein mm nomina 0.150	having sloes and spira	ope up to 18 al stair case: with1:1.5:3	5 ⁰ landir s up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2	s, chajjas, lintels g the cost of cer Zone III) : 3 grac 2	in beams, s , bands, plaintering, shutted ded stone ag 7.100 3.400	suspended n window si tering, finish gregate 20 0.200 0.200	floors, roofs ills, staircas ning and rein mm nomina 0.150	having sloes and spira	ope up to 18 al stair case: with1:1.5:3	5 ⁰ landir s up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2 Lintels	s, chajjas, lintels g the cost of cer Zone III) : 3 grac 2 2	tin beams, so the beams, so th	suspended n window si tering, finish gregate 20 0.200 0.200	floors, roofs ills, staircas ning and rein mm nomina 0.150 0.150	having sloes and spira	ope up to 18 al stair case: with1:1.5:3 0.426 0.205 0.042	5 ⁰ landir s up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2	s, chajjas, lintels g the cost of cer Zone III) : 3 grad 2 2 1	in beams, so the	suspended n window si tering, finish gregate 20 0.200 0.200 0.200	floors, roofs ills, staircas ing and rein mm nomina 0.150 0.150 0.150 0.100	having sloes and spira	0.426 0.205 0.042 0.960	5 ⁰ landir s up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2 Lintels	s, chajjas, lintels g the cost of cer Zone III) : 3 grad 2 2 1 2	in beams, so the	suspended n window si tering, finish gregate 20 0.200 0.200 0.200 0.600	floors, roofs ills, staircas ning and rein mm nomina 0.150 0.150 0.150 0.100	having sloes and spira	0.426 0.205 0.042 0.960 0.625	5 ⁰ landir s up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2 Lintels	s, chajjas, lintels g the cost of cer Zone III) : 3 grad 2 2 1	in beams, so the	suspended n window si tering, finish gregate 20 0.200 0.200 0.200	floors, roofs ills, staircas ing and rein mm nomina 0.150 0.150 0.150 0.100 0.100	, having slo es and spira forcement, il size).	0.426 0.205 0.042 0.960 0.625	5 ⁰ landirs up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2 Lintels	s, chajjas, lintels g the cost of cer Zone III) : 3 grad 2 2 1 2	in beams, so the	suspended n window si tering, finish gregate 20 0.200 0.200 0.600 0.600 4.600	floors, roofs ills, staircas ing and rein mm nomina 0.150 0.150 0.100 0.100 Tota	having sloes and spiral forcement, al size).	0.426 0.205 0.042 0.960 0.625 1.610	5 ⁰ landirs up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2 Lintels	s, chajjas, lintels g the cost of cer Zone III) : 3 grad 2 2 1 2	in beams, so the	suspended n window si tering, finish gregate 20 0.200 0.200 0.600 0.600 4.600	floors, roofs ills, staircas ning and rein mm nomina 0.150 0.150 0.150 0.100 0.100 Tota otal Deducte	having sloes and spiral forcement, al size).	0.426 0.205 0.042 0.960 0.625 1.610 3.868 cun	5 ⁰ landirs up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2 Lintels	s, chajjas, lintels g the cost of cer Zone III) : 3 grad 2 2 1 2	in beams, so bands, plaintering, shutted stone age 7.100 3.400 1.400 8.000 5.200 3.500	suspended n window si tering, finish gregate 20 0.200 0.200 0.600 4.600	floors, roofs ills, staircas ning and rein mm nomina 0.150 0.150 0.150 0.100 0.100 Tota otal Deducte Net Tota	having sloes and spiral orcement, al size). al Quantity d Quantity al Quantity	0.426 0.205 0.042 0.960 0.625 1.610 3.868 cun 3.868 cun	5 ⁰ landirs up to fl	
11	Reinforced cemer balconies, shelves five level excluding 1.5 coarse sand (2 Lintels	s, chajjas, lintels g the cost of cer Zone III) : 3 grad 2 2 1 2	in beams, so bands, plaintering, shutted stone age 7.100 3.400 1.400 8.000 5.200 3.500	suspended n window si tering, finish gregate 20 0.200 0.200 0.600 4.600	floors, roofs ills, staircas ning and rein mm nomina 0.150 0.150 0.150 0.100 0.100 Tota otal Deducte	having sloes and spiral orcement, al size). al Quantity d Quantity al Quantity	0.426 0.205 0.042 0.960 0.625 1.610 3.868 cun 3.868 cun	5 ⁰ lands up to (1 cem	

Vide item 4									
Vide item 11 1 3.868 90.0 348.120 Total Quantity 2153.570 kilogram Total Deducted Quantity 0.000 kilogram Net Total Quantity 2153.570 kilogram Rs 159751.82 13 10.16.2 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., includ cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including weld and botted with special shaped washers etc. complete.Hot finished seamless type tubes Purlins 75mm tube 8.3 akg/m Rafter 60mm tubes 2°10 5.000 2.2 220.001 Reapers 40mm tube 2°5 6.000 1.75 105.000 Reapers 40mm tube 2°5 6.000 1.75 105.000 Reapers 40mm tube 2°5 6.000 1.75 105.000 Total Quantity 404.201 kg Total Deducted Quantity 0.000 kg Net Total Quantity 404.201 kg Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.J. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved surface), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required 1.00 of thick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 0.000 sqm Net Total Quantity 0.000 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitted and welded, including fixing of necessary but thinges and screws and applying a priming coa approved steel primer.Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete ble		Vide item 4	1	18.290			85.0	1554.650	
Total Quantity 2153.570 kilogram Total Deducted Quantity 0.000 kilogram Net Total Quantity 2153.570 kilogram Ret Total Quantity 2153.570 kilogram Say 2153.570 kilogram @ Rs 74.18 / kilogram Res 159751.82 13 10.16.2 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., includ cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including weld and bolted with special shaped washers etc. complete. Hot finished seamless type tubes Purlins 75mm tube @ 3.3kg/m Rafter 60mm tubes 2°10 5.000 2.2 22.001 Reapers 40mm tube 2°5 6.000 1.75 105.000 Reapers 40mm tube 2°5 6.000 1.75 105.000 Reapers 40mm tube 2°5 6.000 8.75 105.000 Ret Total Quantity 404.201 kg Total Deducted Quantity 0.000 kg Net Total Quantity 404.201 kg Res 49745.02 14 12.1.1 Providing corrugate G S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.J. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved pain overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 rethick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 32.241 sqm Total Deducted Quantity 0.0000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitted and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete bit		Vide item 6	1	2.280			110.0	250.800	
Total Deducted Quantity 0.000 kilogram 8s y 2153.570 kilogram 9s y 2153.570 kilogram 9s y 2153.570 kilogram 8s y 2153.570 kilogram 9s y 2153.570 kilogram y 2153.570 kilog		Vide item 11	1	3.868			90.0	348.120	
Net Total Quantity 2153.570 kilogram Say 2153.570 kilogram Rs 159751.82						Tota	al Quantity	2153.570	kilogram
Say 2153.570 kilogram @ Rs 74.18 / kilogram 13 10.16.2 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., includ cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including weld and bolted with special shaped washers etc. complete.Hot finished seamless type tubes Purlins 75mm tube					То	tal Deducte	d Quantity	0.000 kilo	gram
13 10.16.2 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., include cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including weld and bolted with special shaped washers etc. complete. Hot finished seamless type tubes Purlins 75mm tube @3.3kg/m Rafter 60mm tubes 2*10 5.000 Reapers 40mm tube 2*5 6.000 Total Quantity 404.201 kg Total Deducted Quantity 404.201 kg Net Total Quantity 404.201 kg Other Engineer Say 404.201 kg @ Rs 123.07 / kg Rs 49745.02 14 12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.J. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 of thick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 sqm Total Quantity 32.241 sqm Total Deducted Quantity 32.241 sqm Total Deducted Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete ble						Net Tota	al Quantity	2153.570	kilogram
Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., include cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including weld and bolted with special shaped washers etc. complete. Hot finished seamless type tubes Purlins 75mm tube @3.3kg/m			5	Say 2153.570	0 kilogram @	Rs 74.18	/ kilogram	Rs 159	751.82
Rafter 60mm tubes 2*10 5.000 2.2 220.001 Reapers 40mm tube 2*5 6.000 1.75 105.000 Total Quantity 404.201 kg Total Deducted Quantity 0.000 kg Net Total Quantity 404.201 kg Rs 49745.02 12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.J. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 retrick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 sqm Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete ble		Steel work in built up t cutting, hoisting, fixing and bolted with special	position an shaped wa	d applying a	priming co	at of approv	ved steel pr eamless typ	imer, includ be tubes	
Reapers 40mm tube 2*5 6.000 1.75 105.000 Total Quantity 404.201 kg Total Deducted Quantity 0.000 kg Net Total Quantity 404.201 kg 0.000 kg Net Total Quantity 404.201 kg 0.000 kg 12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 methick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 sqm Total Quantity 32.241 sqm Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block.			4	6.000			3.3	79.200	
Total Quantity 404.201 kg Total Deducted Quantity 0.000 kg Net Total Quantity 404.201 kg Other Engineer Say 404.201 kg @ Rs 123.07 / kg Rs 49745.02 14 12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 r thick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 32.241 sqm Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block.		Rafter 60mm tubes	2*10	5.000	K W	1 13	2.2	220.001	
Total Deducted Quantity 0.000 kg Net Total Quantity 404.201 kg Other Engineer Say 404.201 kg @ Rs 123.07 / kg Rs 49745.02 14 12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 m thick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 32.241 sqm Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block.		Reapers 40mm tube	2*5	6.000	BY A	1-21	1.75	105.000	
Net Total Quantity 404.201 kg Other Engineer Say 404.201 kg @ Rs 123.07 / kg Rs 49745.02 14 12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 r thick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 32.241 sqm Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block.			155			Tota	al Quantity	404.201 k	g
12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 minch with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 32.241 sqm Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blooms.					То	tal Deducte	d Quantity	0.000 kg	
12.1.1 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J chooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 of thick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 32.241 sqm Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blocks.				na Liberia	MEP27	Net Tota	al Quantity	404.201 k	g
Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J of hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet wash filled with white lead, including a coat of approved steel primer and two coats of approved paint overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 rethick with zinc coating not less than 275 gm/m2 For Generator room 1 6.200 5.200 32.241 Total Quantity 32.241 sqm Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coal approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blooms.		Ot	ther En	gineeri	Say 404.201	kg @ Rs 1	23.07 / kg	Rs 49	745.02
Total Quantity 32.241 sqm Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete bloods.	14	Providing corrugate G.S hooks, bolts and nuts 8 filled with white lead, i overlapping of sheets cocost of purlins, rafters a	mm diamencluding a complete (uand trusses	eter with bitu coat of app up to any pito and includi	umen and Goroved steeth in horizon ng cutting t	i.l. limpet w I primer an Ital / vertica	ashers or w d two coats l or curved s	vith G.I. limp s of approve surfaces), ex	et washered paint o
Total Deducted Quantity 0.000 sqm Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blooms.							I	T	ed.1.00 mr
Net Total Quantity 32.241 sqm Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blooms.		For Generator room	1	6.200				32.241	ed.1.00 mr
Say 32.241 sqm @ Rs 1255.49 / sqm Rs 40478.25 15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blooms.		For Generator room	1	6.200		Tota	al Quantity		
15 10.13.1 Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blooms.		For Generator room	1	6.200	5.200			32.241 sq	m
Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joi mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coa approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete blooms.		For Generator room	1	6.200	5.200	tal Deducte	d Quantity	32.241 sq 0.000 sqm	m n
15x10x10 cm of C.C. 1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal si		For Generator room	1		5.200 To	tal Deducte Net Tota	d Quantity	32.241 sq 0.000 sqm 32.241 sq	m n m
Doors 2 5.400 3.500 37.801	15	10.13.1 Providing and fixing T-i mitred and welded, incl approved steel primer	ron frames uding fixinດຸ .Fixing wit	Say for doors, v g of necessa h 15x3 mm	5.200 To 32.241 sqm vindows and ary butt hing lugs 10 cr	tal Deducte Net Tota @ Rs 1255 d ventilators es and screen long emb	d Quantity al Quantity 5.49 / sqm s of mild steems and appended in contents	32.241 sq 0.000 sqm 32.241 sq Rs 40 eel Tee- secolying a printerment conditions	m 478.25 tions, joint ning coat correte block

	Windows	6	9.000		3.500		189.000	
	Ventillator	1	2.160		3.500		7.561	
					Tota	al Quantity	234.362 k	g
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	234.362 k	g
		Rs 22	744.83					
16	9.48.1 Providing and fixing Normal bars etc. including							
	Window 12kg/m2	6	1.500	1.500		12.0	162.000	
	Ventillator	1	0.900	0.600		12.0	6.480	
	Doors	2	1.200	2.100	1	18.0	90.720	
		6.	W. B	5. 7	Tota	al Quantity	259.200 k	g
		18	4136	To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	259.200 k	a
		76150	3-00 COV - 100 COV			an addititity		<u> </u>
17	10.25.2 Item Shifted to head	Julion 11	14.74Steel v	work welde	kg @ Rs 1	37.15 / kg	Rs 35	549.28
17		g in positior	14.74Steel v	work welde	d in built up coat of app ler, railings, 1.100	37.15 / kg o sections/f	Rs 35	549.28 K, including struct milar wo
17	Item Shifted to head cutting, hoisting, fixing steel etc. as required.	g in position In gratings 2	14.74Steel on and applying frames, guar	work welde g a priming rd bar, ladd	d in built up coat of app ler, railings, 1.100	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity	ramed work primer using ates and sing 145.201 51.000	549.28 c, including struct milar wo
17	Item Shifted to head cutting, hoisting, fixing steel etc. as required.	g in position In gratings 2	14.74Steel on and applying frames, guar	work welde g a priming rd bar, ladd	ed in built up coat of app ler, railings, 1.100 0.500 Total	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity	ramed work primer using ates and sing 145.201 51.000 196.201 k	549.28 c, including struct milar wo
17	Item Shifted to head cutting, hoisting, fixing steel etc. as required.	g in position In gratings 2	14.74Steel van and applying frames, guar 4.400	work welde g a priming rd bar, ladd	ed in built up coat of app ler, railings, 1.100 0.500 Total	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity d Quantity al Quantity	Rs 35 framed work primer usin pates and sir 145.201 51.000 196.201 k 0.000 kg 196.201 k	549.28 c, including struct milar wo
17	Item Shifted to head cutting, hoisting, fixing steel etc. as required.	g in position In gratings 2 2	14.74Steel on and applying frames, guar 4.400 3.400	work welde g a priming rd bar, ladd	ed in built up coat of appler, railings, 1.100 0.500 Tota Otal Deducte Net Tota	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity d Quantity al Quantity	Rs 35 framed work primer usin pates and sir 145.201 51.000 196.201 k 0.000 kg 196.201 k	549.28 c, including struct milar wo
	Item Shifted to head cutting, hoisting, fixing steel etc. as required. Grills@15kg/m2	g in position In gratings 2 2	14.74Steel on and applying frames, guar 4.400 3.400	work welde g a priming rd bar, ladd	ed in built up coat of appler, railings, 1.100 0.500 Tota Otal Deducte Net Tota	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity d Quantity al Quantity	Rs 35 framed work primer usin pates and sir 145.201 51.000 196.201 k 0.000 kg 196.201 k	549.28 c, including struct milar wo
	Item Shifted to head cutting, hoisting, fixing steel etc. as required. Grills@15kg/m2 13.1.1 12 mm cement plaster	g in position In gratings 2 2 2	14.74Steel on and applying frames, guar 4.400 3.400	work welde g a priming rd bar, ladd	o kg @ Rs 13 ed in built up coat of appler, railings, 1.100 0.500 Total Deducte Net Total kg @ Rs 1	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity d Quantity al Quantity	Rs 35 framed work primer usin lates and sir 145.201 51.000 196.201 k 0.000 kg 196.201 k Rs 22	549.28 c, including struct milar wo
	Item Shifted to head cutting, hoisting, fixing steel etc. as required. Grills@15kg/m2 13.1.1 12 mm cement plaster	g in position In gratings 2 2 2	14.74Steel of and applying frames, guar 4.400 3.400	work welde g a priming rd bar, ladd	o kg @ Rs 13 ed in built up coat of appler, railings, 1.100 0.500 Total Deducte Net Total kg @ Rs 1	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity d Quantity al Quantity	Rs 35 framed work primer usin rates and sir 145.201 51.000 196.201 k 0.000 kg 196.201 k Rs 22	549.28 c, including struct milar wo
	Item Shifted to head cutting, hoisting, fixing steel etc. as required. Grills@15kg/m2 13.1.1 12 mm cement plaster	g in position In gratings 2 2 2 r of mix:1:4 2 2	14.74Steel (1 and applying frames, guar 4.400 3.400 St. 4.400 3.400 St. 4.400 3.400 St. 4.400 3.400	work welde g a priming rd bar, ladd	o kg @ Rs 13 ed in built up coat of appler, railings, 1.100 0.500 Total Deducte Net Total kg @ Rs 1 2.400 3.000	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity d Quantity al Quantity	Rs 35 framed work primer usin pates and sir 145.201 51.000 196.201 k 0.000 kg 196.201 k Rs 22	549.28 c, including struct milar wo
	Item Shifted to head cutting, hoisting, fixing steel etc. as required. Grills@15kg/m2 13.1.1 12 mm cement plaster Inside walls	g in position In gratings 2 2 2 r of mix:1:4 2 2 2	14.74Steel (1 and applying frames, guar 4.400 3.400 4.400 3.400 2.700	work welde g a priming rd bar, ladd	d in built up coat of appler, railings, 1.100 0.500 Total Deducte Net Total kg @ Rs 1 2.400 3.000 3.000	37.15 / kg p sections/fi roved steel brackets, g 15.0 15.0 al Quantity d Quantity al Quantity	Rs 35 framed work primer usin pates and sir 145.201 51.000 196.201 k 0.000 kg 196.201 k Rs 22 21.120 20.400 16.201	549.28 c, including struction wilar wo

		1	3.400		3.200		10.880	
	Beam	1	4.000		0.700		2.800	
	Column	6	0.300		3.500		6.301	
		4	0.300		3.000		3.600	
	Deduction Doors	-2*2	1.200		2.100		-10.080	
	windows	-6*2	1.500		1.500		-27.000	
	Ventillator	-1*2	0.900		0.600		-1.080	
					Tota	al Quantity	113.543 s	qm
				To	otal Deducte	d Quantity	0.000 sqm	1
				0	Net Tota	al Quantity	113.543 s	qm
			Say	113.543 sqı	m @ Rs 226	5.67 / sqm	Rs 25	736.79
	complete.40 mm thic	1	4.600	3.600	33 : 33	5	16.560	
	Cement concrete floo floating coat of neat	•				J	0 0 ,	
	Congrator room	1	4.600	3.600	والتكوني	اسان	16.560	
	Generator room	15/40						
	Guard room		3.400	2.600			8.840	
	Guard room	1	3.400	2.600	0 4 0	al Quantity	8.840 25.400 sq	m
	Guard room		3.400	2.600	Tota			
	Guard room	1	3.400	2.600	ital Deducte		25.400 sq	1
	Guard room	1	3.400	2.600 ng Or i o	ital Deducte	d Quantity	25.400 sq 0.000 sqm 25.400 sq	1
20	Guard room	other Er	3.400 Say aint of approximew work of	2.600 ng Orac ved brand a	Net Tota m @ Rs 475 and manufa	d Quantity al Quantity 5.22 / sqm cture of rec	25.400 sq 0.000 sqm 25.400 sq Rs 12	m 070.59 r to give
20	13.62.1 Painting with synthet even shade:Two or mapproved brand and in	Dther Er Dic enamel panore coats or manufacture	3.400 Say aint of approximew work of	2.600 ng Orac ved brand a	Net Total Met Total m @ Rs 475 and manufal er coat of su	d Quantity al Quantity 5.22 / sqm cture of recuitable shad	25.400 sq 0.000 sqm 25.400 sq Rs 12 quired coloude with ordin	m 070.59 r to give
20	13.62.1 Painting with synthet even shade:Two or mapproved brand and in Doors	ic enamel partore coats or manufacture	3.400 Say aint of approximew work of the control	2.600 ng Orac ved brand a	Net Total Met Total m @ Rs 475 and manufal er coat of su 2.100	d Quantity al Quantity 5.22 / sqm cture of recuitable shad	25.400 sq 0.000 sqm 25.400 sq Rs 12 quired coloude with ordin	m 070.59 r to give
20	Guard room 13.62.1 Painting with synthet even shade:Two or mapproved brand and in Doors Windows	ic enamel partore coats or manufacture 2	3.400 Say aint of approximate work of the control	2.600 ng Orac ved brand a	Net Total Met To	d Quantity al Quantity 5.22 / sqm cture of recuitable shad 2.25 2.25	25.400 sq 0.000 sqm 25.400 sq Rs 12 quired colour de with ordin 11.340 30.375	m 070.59
20	Guard room 13.62.1 Painting with synthet even shade:Two or mapproved brand and approved brand and with the synthete even shade:Two or mapproved brand and with the synthete even shade even s	ic enamel partore coats or manufacture 2 6 1	3.400 Say aint of approximate work of the control	2.600 ng Orac ved brand a	Net Total Net Total Met To	d Quantity al Quantity 5.22 / sqm cture of recuitable shad 2.25 2.25	25.400 sq 0.000 sqm 25.400 sq Rs 12 quired colour de with ordin 11.340 30.375 1.215	m 070.59
20	Guard room 13.62.1 Painting with synthet even shade:Two or mapproved brand and approved brand and with the synthete even shade:Two or mapproved brand and with the synthete even shade even s	ic enamel partore coats or manufacture 2 6 1 2	3.400 Say aint of approximate work of the control	2.600 ng Orac ved brand a	Net Total Net Total Met To	d Quantity al Quantity 5.22 / sqm cture of recuitable shad 2.25 2.25	25.400 sq 0.000 sqm 25.400 sq Rs 12 quired colour de with ordin 11.340 30.375 1.215 9.681	m 070.59 r to give ary pain
20	Guard room 13.62.1 Painting with synthet even shade:Two or mapproved brand and approved brand and with the synthete even shade:Two or mapproved brand and with the synthete even shade even s	ic enamel partore coats or manufacture 2 6 1 2	3.400 Say aint of approximate work of the control	2.600 ng Origo / 25.400 squ ved brand a over an und	Net Total Net Total Met To	d Quantity al Quantity 2.22 / sqm cture of recuitable shad 2.25 2.25 2.25	25.400 sq 0.000 sqm 25.400 sq Rs 12 quired colour de with ordin 11.340 30.375 1.215 9.681 3.400	m 070.59 r to give ary pain
20	Guard room 13.62.1 Painting with synthet even shade:Two or mapproved brand and approved brand and with the synthete even shade:Two or mapproved brand and with the synthete even shade even s	ic enamel partore coats or manufacture 2 6 1 2	3.400 Say aint of approximate work of the control	2.600 ng Origo / 25.400 squ ved brand a over an und	Net Total Met To	d Quantity al Quantity 2.22 / sqm cture of recuitable shad 2.25 2.25 2.25	25.400 sq 0.000 sqm 25.400 sq Rs 12 quired coloured with ordinal 11.340 30.375 1.215 9.681 3.400 56.011 sq	m 070.59 r to give ary pain m

	Vide item 18	1	113.543					113.543	
						Total	Quantity	113.543	sqm
				T	otal Ded	ducted	Quantity	0.000 sq	m
					Ne	t Total	Quantity	113.543	sqm
			Say	/ 113.543 s	qm @ I	Rs 77.0	6 / sqm	Rs	8749.62
SI No	Description	No	L	В	D		CF	Quantity	Remar
			4 Appendix	D- Electric	al				
	for more unting monetor	The second second							
	chamber and cable CRCA sheet alone fabrication of pane panel board include 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions,	ne fabrication. ne measurmer folding, shrou	ssembly af Angles/flants will be uding etc.S	ter subj ats/ slot taken th upply a	ecting to ted and ne area and fabi	to 7 tank ples etc so of the corrication of	process etc hall not be emplete sh	c as requirused as as requirused as as required as as as requirused as as requirused as requirused as requirused
	chamber and cable CRCA sheet alone fabrication of panel panel board include	e alley, powder be used for the lassembly. The ling partitions,	coating the ane fabrication. The measurment folding, shrou	ssembly af Angles/flants will be uding etc.S	ter subj ats/ slot taken th upply a	ecting to ted and ne area and fabi	to 7 tank ples etc so of the corrication of	process etc hall not be emplete sh	c as requirused as as requirused as as required as as as requirused as as requirused as requirused as requirused
	chamber and cable CRCA sheet alone fabrication of panel panel board include 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coa	coating the ane fabrication. The measurment folding, shrou	ssembly af Angles/flants will be uding etc.S	ter subj ats/ slot taken th upply a	ecting to ted and ne area and fabilitation	to 7 tank ples etc so of the corrication of	process etchall not be omplete should be find the first should be first should	c as require used for eets used board us
	chamber and cable CRCA sheet alone fabrication of panel panel board include 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coa	coating the ane fabrication. The measurment folding, shrou	ssembly af . Angles/ flants will be uding etc.S ig base fra	ter subjects subjects taken the supply a me) 15	ecting to ted and ne area and fabilitation	to 7 tank gles etc s of the corication of	process etchall not be omplete shot f MV panel 6.000	c as require used for eets used board us
	chamber and cable CRCA sheet alone fabrication of panel panel board include 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coa	coating the ane fabrication. The measurment folding, shrou	ssembly af . Angles/ flants will be uding etc.S ig base fra	ter subjats/ slot taken th tupply a me) 183	ecting to ted and the area and fabration Total	to 7 tank gles etc s of the corication of S	process etchall not be omplete shot f MV panel 6.000	c as require used for eets used board used m
	chamber and cable CRCA sheet alone fabrication of panel panel board include 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coa	coating the ane fabrication. ne measurment folding, shrouated (excluding)	ssembly af . Angles/ flants will be uding etc.S ig base fra	ter subjects slot staken the supply a me) 183	ecting to ted and the area and fabrication Total ducted to total	to 7 tank gles etc s of the corication of S	process etchall not be perpetuited in the perpetuite should be perpetuited by the p	as require used for eets used board used m
2	chamber and cable CRCA sheet alone fabrication of panel panel board include 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coalestion conveyance.	coating the ane fabrication. The measurment folding, shrouted (excluding)	Angles/ flants will be uding etc.S ig base frants	ter subjats/ slot taken the tupply a me) 153 otal Dec	ecting to ted and ne area and fabrication Total ducted to Total 2377.2	quantity Quantity Quantity Quantity	f MV panel 6.000 6.000 sq 0.000 sq Rs 1	m m 4263.56
2	chamber and cable CRCA sheet alone fabrication of pane panel board include 1.6mm CRCA sheet 90.14.1.2	e alley, powder be used for the lassembly. The ling partitions, et, powder coalestion conveyance.	coating the ane fabrication. The measurment folding, shrouted (excluding)	Angles/ flants will be uding etc.S ig base frants	ter subjats/ slot taken the tupply a me) 153 otal Dec	ecting to ted and ne area and fabrication Total ducted to Total 2377.2	quantity Quantity Quantity Quantity	f MV panel 6.000 6.000 sq 0.000 sq Rs 1	m m 4263.56
2	chamber and cable CRCA sheet alone fabrication of panel panel board included 1.6mm CRCA sheet 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coaletton conveyance.	coating the ane fabrication. The measurment folding, shrouted (excluding)	Angles/ flants will be uding etc.S ig base frants	ter subjats/ slot taken the tupply a me) 153 otal Dec	recting to ted and he area and fabrication attion ducted to table 2377.2	quantity Quantity Quantity Quantity	process etchall not be simplete she f MV panel 6.000 sq 0.000 sq Rs 1 using 75 x	m 4263.56
2	chamber and cable CRCA sheet alone fabrication of panel panel board included 1.6mm CRCA sheet 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coaletton conveyance.	coating the ane fabrication. The measurment folding, shrouted (excluding)	Angles/ flants will be uding etc.S ig base france of 6.000 square ation of base	otal Dec	Total of pan	quantity Quantity Quantity Quantity Quantity Quantity	process etchall not be simplete she f MV panel 6.000 sq 0.000 sq Rs 1 using 75 x	m 4263.56 40 mm roletre
2	chamber and cable CRCA sheet alone fabrication of panel panel board included 1.6mm CRCA sheet 1.6mm CRCA she	e alley, powder be used for the lassembly. The ling partitions, et, powder coaletton conveyance.	coating the ane fabrication. The measurment folding, shrouted (excluding)	Angles/ flants will be uding etc.S ig base france of 6.000 square ation of base	otal Dec	Total and fabrication of pan Total ducted du	quantity Quantity Quantity Quantity Quantity Quantity Quantity	eprocess etchall not be emplete she f MV panel 6.000 sq 0.000 sq 6.000 sq Rs 1 using 75 x	m 4263.56 40 mm roletre

	90.14.10.4	1					1.000	
					Tota	al Quantity	1.000 no	
				Tot	tal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	1.000 no	
				Say 1.000 n	o @ Rs 767	76.50 / no	Rs 7	676.50
4	90.14.10.5 Supply, conveya conforming to IS required.16A -100 based release wit	13947 suitabl 0A, 35/36 kA (Id	le for 440 V cs=100%lcu)	, 50 Hz, AC), 3 pole, cur	supply in rent limiting	the existing type MCC	ng panel a	ssembly
	90.14.10.5	1	(1)				1.000	
					Tota	al Quantity	1.000 no	
		11		Tot	tal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	1.000 no	
		# 49	16		1101 1010	ar Quartity	11000 110	
5	2.10.5 Supplying and fix	ing 5 amps to	The same	Say 1.000 no	@ Rs 1075	57.50 / no	Rs 10	0757.50 cuit brea
5		ive load of follo	32 amps ra	nting, 240/41	@ Rs 1079 5 volts, "C	57.50 / no " curve, mi	Rs 10	cuit brea
5	Supplying and fix suitable for induct and commissionin	ive load of follo g etc. as requir	32 amps ra	nting, 240/41 In the existing le and neutra	@ Rs 1079 5 volts, "C 1 MCB DB	" curve, mi	Rs 10 niature circlith connect 6.000 each	cuit breations, tes
5	Supplying and fix suitable for induct and commissionin	ive load of follo g etc. as requir	32 amps ra	nting, 240/41 In the existing le and neutra	@ Rs 1075 5 volts, "C 0 MCB DB 1 Tota tal Deducte	" curve, mi	Rs 10	cuit breations, tes
5	Supplying and fix suitable for induct and commissionin	ive load of follo g etc. as requir	32 amps ra wing poles in red.Triple po	nting, 240/41 In the existing le and neutra	@ Rs 1075 5 volts, "C 0 MCB DB 1 Tota tal Deducte Net Tota	" curve, micomplete wal Quantity d Quantity	Rs 10 niature circ ith connect 6.000 eac 0.000 eac 6.000 eac	cuit breations, tes
6	Supplying and fix suitable for induct and commissionin	ive load of follog etc. as require 6	32 amps ra wing poles in ed.Triple po	Tot	@ Rs 1075 5 volts, "C MCB DB al Tota tal Deducte Net Tota @ Rs 1167.	" curve, micomplete was Quantity d Quantity al Quantity 74 / each	Rs 10 niature circle ith connect 6.000 each 6.000 each 6.000 each Rs 7	cuit breations, tes
	Supplying and fix suitable for induct and commissionin 2.10.5 90.14.2.2 Supply and provid	ive load of follog etc. as require 6	32 amps ra wing poles in ed.Triple po	Tot	@ Rs 1075 5 volts, "C MCB DB al Tota tal Deducte Net Tota @ Rs 1167.	" curve, micomplete was Quantity d Quantity al Quantity 74 / each	Rs 10 niature circle ith connect 6.000 each 6.000 each 6.000 each Rs 7	cuit breations, tes
	Supplying and fix suitable for induct and commissionin 2.10.5 90.14.2.2 Supply and provid required nut & boli	ive load of follong etc. as require 6	32 amps ra wing poles in ed.Triple po	Tot	@ Rs 1079 5 volts, "C 3 MCB DB al Tota tal Deducte Net Tota @ Rs 1167.	" curve, micomplete was Quantity d Quantity al Quantity 74 / each	Rs 10 Iniature circ ith connect 6.000 6.000 eac 6.000 eac Rs 7	cuit breations, testions, testions testions. The character of the characte
	Supplying and fix suitable for induct and commissionin 2.10.5 90.14.2.2 Supply and provid required nut & boli	ive load of follong etc. as require 6	32 amps ra wing poles in ed.Triple po	Total ouding for but	@ Rs 1079 5 volts, "C 3 MCB DB al Tota tal Deducte Net Tota @ Rs 1167.	" curve, micomplete was al Quantity al Quantity dection / termal Quantity	Rs 10 Iniature circ ith connect 6.000 6.000 eac 0.000 eac Rs 7	cuit breations, testions, testions, testions testions. Charles to the control of
	Supplying and fix suitable for induct and commissionin 2.10.5 90.14.2.2 Supply and provid required nut & boli	ive load of follong etc. as require 6	32 amps ra wing poles in ed.Triple po	Total ouding for but	@ Rs 1079 5 volts, "C 5 MCB DB Tota tal Deducte Net Tota @ Rs 1167. us interconn	" curve, micomplete was al Quantity al Quantity dection / termal Quantity	Rs 10 Iniature circ ith connect 6.000 6.000 eac 0.000 eac 6.000 eac Rs 7 Iniations e	cuit breations, testions, testions, testions described by the character of

					Tota	al Quantity	12.000 me	etre	
				То	tal Deducte	d Quantity	0.000 met	re	
					Net Tota	al Quantity	12.000 me	etre	
			Sa	y 12.000 met	tre @ Rs 4.0	31 / metre	Rs s	51.72	
8	90.14.6 Supply and provid suitable size nut &	•					rts in the bu	ıs cham	
	90.14.6	600					600.000		
			10	(R.	Tota	al Quantity	600.000 C	cum cm	
			7/1	То	tal Deducte	d Quantity	0.000 Cur	m cm	
			436		Net Tota	al Quantity	600.000 C	cum cm	
		11	Say 600.	000 Cum cm	@ Rs 6.00	/ Cum cm	Rs 36	00.00	
9	90.14.7 Supply and providi	ng copper earth	bus in the	panel board		L			
	90.14.7	100					100.000		
			Villa Bill	the mile	Tota	al Quantity	100.000 C	Cum cm	
		Other En	ngineer	ing Or g	ital Deducte	d Quantity	0.000 Cur	n cm	
		DI			Net Tota	al Quantity	100.000 C	cum cm	
			Say 100.	000 Cum cm	@ Rs 6.00	/ Cum cm	Rs 6	00.00	
10	od75077/2019_202 Supply and installa		cator (R,Y,I	B) in the exist	ting panel be	pard and giv	ving connect	ion	
	od75077/2019_202	20 3					3.000		
					Tota	al Quantity	3.000 Day	/	
				То	tal Deducte	d Quantity	0.000 Day	/	
		al Quantity	3.000 Day	/					
	Say 3.000 Day @ Rs 410.09 / Day Rs 1230.27								
11	od75079/2019_202 Supply and install connection		multi func	tion meter (V	/,A,F) in the	e existing p	panel board	and gi	
	od75079/2019_202	20 1					1.000		
					Tota	al Quantity	1.000 eac	h	
	Total Deducted Quantity							0.000 each	

			Say 1	.000 each	@ Rs 2401	.04 / each	Rs 2	401.04
12	od75082/2019_2020							
	Supply and installation	of 2A 'C' cu	rve SP MCB i	in the exist	ing panel bo	pard and giv	ing connect	ion.
	od75082/2019_2020	3					3.000	
					Tota	al Quantity	3.000 eac	ch
				То	tal Deducte	d Quantity	0.000 eac	ch
					Net Tota	al Quantity	3.000 eac	ch
			Say	3.000 each	n @ Rs 450	.77 / each	Rs 1	352.31
13	90.11.1.10 Supply and installatio MCB DB including co isolator etc. fixed on w making good the dams 42/43)	pper /brass all using sui	bus bar, neu table anchor	tral link, ea	arth bus an ed in recess	d DIN rail s including c	suitable for cutting hole	fixing MCl
	90.11.1.10	1	W B	5 N	7 1 3		1.000	
		10	A STATE	MART	Tota	al Quantity	1.000 eac	:h
		151.		То	tal Deducte	A.u	0.000 eac	
		TO				al Quantity	1.000 eac	
			Sav 1	.000 each	@ Rs 2759		Rs 2	759.17
14	2.13.1 Supplying and fixing for connections, testing a	ollowing ratir		415 volts,	isolator in t		MCB DB co	omplete wi
	2.13.1	1 -					4 000	
		'					1.000	
		'			Tota	al Quantity	1.000 1.000 eac	 ch
				То	Tota			
				То	tal Deducte		1.000 eac	ch
			Say		tal Deducte	d Quantity	1.000 eac 0.000 eac 1.000 eac	ch
15	2.10.1 Supplying and fixing suitable for inductive I and commissioning et	oad of follow	32 amps rations	1.000 each	tal Deducte Net Tota Rs 874	d Quantity al Quantity 17 / each " curve, mi	1.000 eac 0.000 eac 1.000 eac Rs 8	ch ch 3 74.17 cuit break
15	Supplying and fixing suitable for inductive I	oad of follow	32 amps rations	1.000 each	tal Deducte Net Tota Rs 874	d Quantity al Quantity 17 / each " curve, mi	1.000 eac 0.000 eac 1.000 eac Rs 8	ch ch 3 74.17 cuit break
15	Supplying and fixing suitable for inductive I and commissioning et	oad of follow c. as require	32 amps rations	1.000 each	Net Tota n @ Rs 874 5 volts, "C g MCB DB	d Quantity al Quantity 17 / each " curve, mi	1.000 each 1.000 each Rs 8	ch 374.17 cuit break ions, testii
15	Supplying and fixing suitable for inductive I and commissioning et	oad of follow c. as require	32 amps rations	1.000 eaching, 240/41 the existing	Net Tota n @ Rs 874 5 volts, "C g MCB DB	d Quantity al Quantity 17 / each " curve, mi complete w	1.000 each 1.000 each Rs 8 niature circlith connection 12.000	ch 374.17 cuit break ions, testii
15	Supplying and fixing suitable for inductive I and commissioning et	oad of follow c. as require	32 amps rations	1.000 eaching, 240/41 the existing	Net Tota Net State Res 874 State Tota tal Deducte	d Quantity al Quantity 17 / each " curve, mi complete w	1.000 each 1.000 each 1.000 each Rs 8 niature circlith connection 12.000 each	ch 374.17 cuit break cons, testin

16	90.12.7.39 Supply, laying an cable, 1.1 KV gradent exceeding 600 factory made clan	de of the followir	ng sizes usir	ng clamps n	oted along	with the cal	oles, spacin	g of clam		
	90.12.7.39	130					130.000			
					Tota	al Quantity	130.000 r	netre		
				Тс	tal Deducte	d Quantity	0.000 me	tre		
	Net Total Quantity 130.000 metre									
	Say 130.000 metre @ Rs 202.32 / metre									
	not exceeding 60c factory made clam 90.12.7.40		a the damag		Tota	al Quantity	10.000 10.000 m	etre		
	Total Deducted Quantity 0.000 metre									
				in 0 12/		al Quantity	10.000 m			
		Other En	Say 10	0.000 metre	Net Tota	al Quantity	10.000 m			
18	90.12.7.28 Supply, laying an cable, 1.1 KV grant exceeding 60 with factory made	de of the followir	no. PVC in	0.000 metre nsulated and ng clamps n	Net Tota @ Rs 227.: d PVC sheat	al Quantity 32 / metre athed armo	10.000 m Rs 2	etre 273.20 nium pov g of clam		
18	Supply, laying an cable, 1.1 KV grant of exceeding 600	de of the followir	no. PVC in	0.000 metre nsulated and ng clamps n	Net Tota @ Rs 227.: d PVC sheat	al Quantity 32 / metre athed armo	10.000 m Rs 2	etre 273.20 nium pov g of clam		
18	Supply, laying an cable, 1.1 KV grant not exceeding 600 with factory made	de of the followir cms, making goo e clamp	no. PVC in	0.000 metre nsulated and ng clamps n	Net Tota @ Rs 227. d PVC sheat oted along r washing e	al Quantity 32 / metre athed armo	10.000 me Rs 2 bured aluminoles, spacin ired.3.5 core	etre 273.20 nium pov g of clan e 35 sq r		
18	Supply, laying an cable, 1.1 KV grant not exceeding 600 with factory made	de of the followir cms, making goo e clamp	no. PVC in	0.000 metre nsulated and ng clamps n ages , colou	Net Tota @ Rs 227. d PVC sheat oted along r washing e	al Quantity 32 / metre athed armo with the cal tc. as requi	10.000 me Rs 2	etre 273.20 nium pov g of clan e 35 sq r		
18	Supply, laying an cable, 1.1 KV grant not exceeding 600 with factory made	de of the followir cms, making goo e clamp	no. PVC in	0.000 metre nsulated and ng clamps n ages , colou	Net Tota @ Rs 227. d PVC sheat oted along r washing extra Deducte	al Quantity 32 / metre athed armo with the cal tc. as requi	10.000 minuted aluminuted spacinistred. 3.5 cores 25.000 minutes 2	etre 273.20 nium pov g of clan e 35 sq r etre tre		
18	Supply, laying an cable, 1.1 KV grant not exceeding 600 with factory made	de of the followir cms, making goo e clamp	no. PVC ing sizes using the dama	0.000 metre nsulated and ng clamps n ages , colou	Net Tota @ Rs 227. d PVC sheat oted along r washing extra Deducte Net Tota	al Quantity 32 / metre athed armo with the cal tc. as requi	10.000 minuted aluminuted aluminuted. 3.5 cores 25.000 minuted.	etre 273.20 nium pov g of clan e 35 sq r etre tre		
18	Supply, laying an cable, 1.1 KV grant not exceeding 600 with factory made	de of the followir cms, making god clamp 25 aking end termin ulated and PVC	no. PVC in ag sizes using od the dama Say 25 ation with be sheathed /	nsulated and clamps in ages, colour to the c	Net Tota @ Rs 227. d PVC sheat oted along r washing extended Tota stal Deducte Net Tota @ Rs 363.4	al Quantity 32 / metre athed armo with the cat tc. as requi	10.000 minum lugs f	etre 273.20 nium pov g of clam e 35 sq r etre tre etre 086.25		
	Supply, laying an cable, 1.1 KV grant of exceeding 600 with factory made 90.12.7.28 9.1.7 Supplying and masize of PVC insurance and supplying and supplyin	de of the followir cms, making god clamp 25 aking end termin ulated and PVC	no. PVC in ag sizes using od the dama Say 25 ation with be sheathed /	nsulated and clamps in ages, colour to the c	Net Tota @ Rs 227. d PVC sheat oted along r washing extended Tota stal Deducte Net Tota @ Rs 363.4	al Quantity 32 / metre athed armo with the cat tc. as requi	10.000 minum lugs f	etre 273.20 nium pov g of clam e 35 sq r etre tre etre 086.25		
	Supply, laying an cable, 1.1 KV grannot exceeding 600 with factory made 90.12.7.28 9.1.7 Supplying and masize of PVC insurequired.3 X 10 seconds	aking end terminulated and PVC sq. mm (22mm)	no. PVC in ag sizes using od the dama Say 25 ation with be sheathed /	nsulated and clamps in ages, colour to the c	Net Tota @ Rs 227. d PVC sheat oted along r washing each tal Deducte Net Tota @ Rs 363.4 ession gland minium con	al Quantity 32 / metre athed armo with the cat tc. as requi	10.000 me Rs 2 Fured aluminoles, spacinored.3.5 core 25.000 me 25.000 me 25.000 me 25.000 me 10.000 me	etre 273.20 nium pov g of clam e 35 sq r etre tre etre 086.25 or follow V grade		

					Net Tota	I Quantity	8.000 set		
				Say 8.000	set @ Rs 22	4.11 / set	Rs 17	792.88	
20	size of PVC ins	naking end termin ulated and PVC sq. mm (25mm)	sheathed /	•	•		•	-	
	9.1.32	2					2.000		
		2.000 set							
				To	otal Deducted	d Quantity	0.000 set		
	Net Total Quantity 2.000 set								
			100	Say 2.000	set @ Rs 26	6.05 / set	Rs 5	32.10	
	size of PVC ins	naking end termin ulated and PVC 35 sq. mm (32n	sheathed /		_		le of 1.1 K		
	9.1.21	4	DE		1 30	ł.	4.000		
		1845				I Quantity	4.000 set		
				To	tal Deducted	d Quantity	0.000 set		
	Net Total Quantity 4.000 set								
		Other En	ngineeri	Say 4.000				178.36	
22	than 17.5%, in	stalling following s convenient section ding bolts & nuts,	size of perfo	rated pre-pa	set @ Rs 36 inted M.S. co	9.59 / set able trays v	Rs 14	on not mor	
22	Supplying and in than 17.5%, in suspenders inclu	stalling following s convenient section ding bolts & nuts,	size of perfo	rated pre-pa	set @ Rs 36 inted M.S. co	9.59 / set able trays v	Rs 14	on not mor	
22	Supplying and in than 17.5%, in suspenders inclu	stalling following s convenient section ding bolts & nuts,	size of perfo	rated pre-pa	set @ Rs 36 inted M.S. ca ctors, suspe cc as require	9.59 / set able trays v	Rs 14 vithperforation the ceiling width X 50 n	on not mor g with M.S nm depth	
22	Supplying and in than 17.5%, in suspenders inclu	stalling following s convenient section ding bolts & nuts,	size of perfo	rated pre-pa with conne uspenders ef	set @ Rs 36 inted M.S. ca ctors, suspe cc as require	9.59 / set able trays vended from d.100 mm v	vithperforation the ceiling width X 50 n	on not mor g with M.S nm depth 2	
22	Supplying and in than 17.5%, in suspenders inclu	stalling following s convenient section ding bolts & nuts,	size of perfo	rated pre-pa with conne uspenders ef	set @ Rs 36 inted M.S. ca ctors, suspendence as require Tota otal Deducted	9.59 / set able trays vended from d.100 mm v	vithperforation the ceiling width X 50 n	on not mor g with M.S nm depth 2 etre	
22	Supplying and in than 17.5%, in suspenders inclu	stalling following s convenient section ding bolts & nuts,	size of perfoons, joined, painting su	rated pre-pa with conne uspenders et	set @ Rs 36 inted M.S. ca ctors, suspendence as require Tota otal Deducted	9.59 / set able trays vended from d.100 mm vended I Quantity I Quantity I Quantity	vithperforation the ceiling width X 50 m 75.000 75.000 met 0.000 met	on not mor g with M.S nm depth 2 etre	
22	Supplying and in than 17.5%, in suspenders included 1.6 mm thickness 4.1.1 5.3 Earthing with Gamasonry enclosure.	stalling following s convenient section ding bolts & nuts,	Say 7 O mm X 600 be having locations of the same of t	rated pre-pa with conneus spenders en To 5.000 metre 0 mm X 6 no cking arrang	set @ Rs 36 inted M.S. ca ctors, suspendent as require Tota Tota otal Deducted Net Tota @ Rs 456.0	9.59 / set able trays vended from d.100 mm vended	vithperforation the ceiling width X 50 m 75.000 75.000 me 0.000 met 75.000 me	etre 206.75	
	Supplying and in than 17.5%, in suspenders included 1.6 mm thickness 4.1.1 5.3 Earthing with Gamasonry enclosure.	stalling following s convenient section ding bolts & nuts, s 75 I. earth plate 600 are with cover plate	Say 7 O mm X 600 be having locations of the same of t	rated pre-pa with conneus spenders en To 5.000 metre 0 mm X 6 no cking arrang	set @ Rs 36 inted M.S. ca ctors, suspendent as require Tota Tota otal Deducted Net Tota @ Rs 456.0	9.59 / set able trays vended from d.100 mm vended	vithperforation the ceiling width X 50 m 75.000 75.000 me 0.000 met 75.000 me	etre etre 206.75	
	Supplying and in than 17.5%, in suspenders included 1.6 mm thickness 4.1.1 5.3 Earthing with Gamasonry enclosure (but without charms)	stalling following sconvenient section ding bolts & nuts, sections and sections are sections. 75 I. earth plate 600 are with cover plate secont coke and sections are sections.	Say 7 O mm X 600 be having locations of the same of t	rated pre-pa with conneus spenders en To 5.000 metre 0 mm X 6 no cking arrang	set @ Rs 36 inted M.S. ca ctors, suspendic as require Tota tal Deducted Net Tota @ Rs 456.0 mm thick incement and we	9.59 / set able trays vended from d.100 mm vended	rithperforation the ceiling width X 50 m 75.000 75.000 met 75.000 met	etre 206.75	

					Net Tota	al Quantity	3.000 set	
			;	Say 3.000 se	et @ Rs 469	95.88 / set	Rs 14	087.64
24	5.13 Providing and laying G.I. pipe from earth required.							
	5.13	30					30.000	
		30.000 metre						
				То	tal Deducte	d Quantity	0.000 me	tre
					Net Tota	al Quantity	30.000 m	etre
			Say 3	0.000 metre	@ Rs 238.5	53 / metre	Rs 7	155.90
25	5.17 Providing and fixing 4	.00 mm dia c	opper wire o	on surface o	in recess fo	or loop earth	ning asrequi	red.
	5.17	30	JF 3	K X	7		30.000	
		1/2		30/1	Tota	al Quantity	30.000 m	etre
		155	1	То	tal Deducte	d Quantity	0.000 me	tre
		48/05			Net Tota	al Quantity	30.000 m	etre
			Say 3	0.000 metre	@ Rs 114.0	02 / metre	Rs 3	420.60
26	od75117/2019_2020 Supply and fixing 63A	Other Er	ngineeri sheet steel e	ng Orga nclosue on v	anisatio vall using su	ns uitable fastn	ers.	
	od75117/2019_2020	D ₁	R			1	1.000	
					Tota	al Quantity	1.000 eac	:h
				To	tal Deducte	d Quantity	0.000 eac	:h
					Net Tota	al Quantity	1.000 eac	:h
			Say	1.000 each	@ Rs 4793	.26 / each	Rs 4	793.26
27	od75148/2019_2020 Supply & installatio 760x450x260x) and to good the damages co	o fix KSEB m	neters, fuse	units, CT etc	•			•
	od75148/2019_2020	1					1.000	
					Tota	al Quantity	1.000 eac	:h
				То	tal Deducte	d Quantity	0.000 eac	:h
					Net Tota	al Quantity	1.000 eac	:h
							1	

	od75158/2019_2020	3						3.000	
						Tota	I Quantity	3.000 ea	ch
				7	Γotal De	educted	d Quantity	0.000 ea	ch
					Ne	et Tota	l Quantity	3.000 ea	ch
			S	Say 3.000 ea	ch @ R	s 401.	56 / each	Rs ′	1204.68
29	od75162/2019_2020 Supply and fixing 63 A board.	a, 415 V, 2	2 way neut	ral link mou	nted on	n DMC	/ SMC bas	se in the ex	kisting met
	od75162/2019_2020	1						1.000	
						Tota	I Quantity	1.000 ea	ch
			10	10 ACM	Γotal De	educted	d Quantity	0.000 ea	ch
			18		Ne	et Tota	I Quantity	1.000 ea	ch
			C S	Say 1.000 ea	ch @ R	s 401.	56 / each	Rs	401.56
	"CUMINS" Model X3.T Coupled, ALternator ra complete with fuel tan	ated at 32k k, Battery	kw/40KVA, , Manuel c	415V, 50Hz	z, 0.8 P I and of	ther st			base fran
	Coupled, ALternator ra	ated at 32k k, Battery	kw/40KVA, , Manuel c	ontrol panel tic enclosure	z, 0.8 P I and of e. sanis	atio	nS I Quantity	1.000 ea	base fran with suitab
	Coupled, ALternator racomplete with fuel tan	k, Battery ry assemb	kw/40KVA, , Manuel colled Acous	ontrol panel tic enclosure	z, 0.8 P I and of e. br>	atio Tota	ns I Quantity D Quantity	1.000 1.000 ea 0.000 ea	base fran with suitab ch
	Coupled, ALternator racomplete with fuel tan	k, Battery ry assemb	kw/40KVA, , Manuel colled Acous ngineer	ontrol panel tic enclosure	z, 0.8 P I and of e. otal De	Totaleducted	ns I Quantity Quantity I Quantity	1.000 1.000 ea 0.000 ea 1.000 ea	base fran with suitab ch
31	Coupled, ALternator raccomplete with fuel tan	thed at 32kk, Battery ry assemb ther E	say	415V, 50Hz control panel tic enclosure ring Org	Z, 0.8 P I and of e. e. Total De Ne @ Rs 49 ainted i S angle	Total educted et Total 95075.	I Quantity Quantity Quantity Quantity Office red	1.000 1.000 ea 0.000 ea 1.000 ea Rs 49 with prime	ch ch ch croat of re
31	Coupled, ALternator racomplete with fuel tan CPCB approved factor od75168/2019_2020 od75170/2019_2020 Supply and providing Soxide and written with sand, painting the bra	thed at 32kk, Battery ry assemb ther E	say	415V, 50Hz control panel tic enclosure ring Org	Z, 0.8 P I and of e. e. Total De Ne @ Rs 49 ainted i S angle	Total educted et Total 95075.	I Quantity Quantity Quantity Quantity Office red	1.000 1.000 ea 0.000 ea 1.000 ea Rs 49 with prime	ch ch ch croat of re
31	Coupled, ALternator racomplete with fuel tan CPCB approved factor od75168/2019_2020 od75170/2019_2020 Supply and providing 9 oxide and written with value sand, painting the brarequired	eted at 32kk, Battery ry assemb the Ending Ending Description of the Ending Ending Description of the Ending Ending Description of the Ending Ending Description of the Ending En	say	415V, 50Hz control panel tic enclosure ring Org	Z, 0.8 P I and of e. e. Total De Ne @ Rs 49 ainted i S angle	Tota Educted et Tota 95075. In post e frame d the d	I Quantity Quantity Quantity Quantity Office red	1.000 1.000 ea 0.000 ea 1.000 ea Rs 49 with prime I bracket fit colour was	ch ch csort of relationshing etc.
31	Coupled, ALternator racomplete with fuel tan CPCB approved factor od75168/2019_2020 od75170/2019_2020 Supply and providing 9 oxide and written with value sand, painting the brarequired	eted at 32kk, Battery ry assemb the Ending Ending Description of the Ending Ending Description of the Ending Ending Description of the Ending Ending Description of the Ending En	say	415V, 50Hz control panel tic enclosure ring Org	Total De No Rs 49 ainted i S angle ng good	Tota Tota educted et Tota 95075. n post e frame d the d	I Quantity Quantity Quantity Quantity Of each office red work/ wal	1.000 1.000 ea 0.000 ea 1.000 ea Rs 49 with prime I bracket fi colour was	ch ch coat of r lled with fi ching etc.
31	Coupled, ALternator racomplete with fuel tan CPCB approved factor od75168/2019_2020 od75170/2019_2020 Supply and providing 9 oxide and written with value sand, painting the brarequired	eted at 32kk, Battery ry assemb the Ending Ending Description of the Ending Ending Description of the Ending Ending Description of the Ending Ending Description of the Ending En	say	415V, 50Hz control panel tic enclosure ring Org	Total De	Tota educted et Tota 95075. n post e frame d the d Tota educted	I Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity	1.000 1.000 ea 0.000 ea 1.000 ea Rs 49 with prime I bracket fi colour was 2.000 2.000 ea	ch ch coat of re lled with filehing etc.

	length of pipe, as add necessary supports, so enamel paint over a co MS pipe	uch angle i	iron, MS cla	mp etc., pai	nting the pi	pe and acc	essories wi	th synthet
	od75175/2019_2020	6					6.000	
					Tota	al Quantity	6.000 per	metre
				To	tal Deducte	d Quantity	0.000 per	metre
					Net Tota	al Quantity	6.000 per	metre
		S	ay 6.000 pe	r metre @ R	s 1169.66 /	per metre	Rs 70	017.96
	Supply and providing soxide and written with sand, painting the bra required.(MR)	white paint	t 'FIRE' mou	inted on MS	angle fram	e work/ wal	l bracket fill colour wash	ed with fi
	od75177/2019_2020	2	N/A	22 3 / X			2.000	
		14	HON		1 17	al Quantity	2.000 eac	
	Total Deducted Quantity 0.000 each Net Total Quantity 2.000 each							
	PARSESULEM DI DET							
3/1	od75188/2010 2020	ther Er			n @ Rs 156.	00 / each		:n :12.00
34	od75188/2019_2020 Supply, installation, tes (a) luminaire :- 1No 45\ housing with weather 250W solar panel, bat	sting and co W LED IP 6 proof gask tery box, c	ngineeri ommissionin 65 street ligh ket and hear charge contr	ng Organg of Solar Lat luminaire was resistant to	Rs 156. RS	00 / each System with owder coate lass cover, uilt in for d	Rs 3 In following a	accessoridie cast aum batte
34	Supply, installation, tes (a) luminaire: - 1No 45\ housing with weather 250W solar panel, bat having protection agai	eting and co W LED IP 6 proof gask tery box, const short c	ngineeri ommissionin 65 street ligh ket and hear charge contr	ng Organg of Solar Lat luminaire was resistant to	Rs 156. RS	00 / each System with owder coate lass cover, uilt in for d	Rs 3 In following a sed pressure 100ah lithidusk to daw e to fix on t	accessori die cast a um batte n operati
34	Supply, installation, tes (a) luminaire :- 1No 45\ housing with weather 250W solar panel, bat	sting and co W LED IP 6 proof gask tery box, c	ngineeri ommissionin 65 street ligh ket and hear charge contr	ng Organg of Solar Lat luminaire was resistant to	RS 156. CANISATION ED lighting with epoxy propughened guto switch bounting brains	00 / each IS System with owder coate lass cover, uilt in for decket suitable	Rs 3 In following a sed pressure 100ah lithi lusk to daw e to fix on to 7.000	accessori die cast a um batte n operati
34	Supply, installation, tes (a) luminaire: - 1No 45\ housing with weather 250W solar panel, bat having protection agai	eting and co W LED IP 6 proof gask tery box, const short c	ngineeri ommissionin 65 street ligh ket and hear charge contr	ng Organg of Solar Lat luminaire wat resistant to roller with a ching with m	Rs 156. Canisatio ED lighting with epoxy propughened go uto switch bounting brace Total	00 / each IS System with pwder coate lass cover, uilt in for d cket suitabl	Rs 3 In following a sed pressure 100ah lithi lusk to daw e to fix on to 7.000	accessori die cast a um batte n operati ubular po
34	Supply, installation, tes (a) luminaire: - 1No 45\ housing with weather 250W solar panel, bat having protection agai	eting and co W LED IP 6 proof gask tery box, const short c	ngineeri ommissionin 65 street ligh ket and hear charge contr	ng Organg of Solar Lat luminaire wat resistant to roller with a ching with m	Rs 156. Canisatio ED lighting with epoxy propughened go uto switch be counting brace Total	00 / each IS System with pwder coate lass cover, uilt in for d cket suitabl	Rs 3 In following a sed pressure 100ah lithi lusk to daw e to fix on to 7.000	accessori die cast a um batte n operati ubular po
34	Supply, installation, tes (a) luminaire: - 1No 45\ housing with weather 250W solar panel, bat having protection agai	eting and co W LED IP 6 proof gask tery box, const short c	ommissionings street light set and hear charge contrircuit & light	ng Organg of Solar Lat luminaire wat resistant to roller with a ching with m	Rs 156. Canisatio ED lighting with epoxy propughened go uto switch be ounting brace Total tal Deducte	00 / each INS System with owder coate lass cover, wilt in for dicket suitable al Quantity di Quantity al Quantity	Rs 3 In following a sed pressure 100ah lithi lusk to daw e to fix on to 7.000 7.000 eac 0.000 eac 7.000 eac	accessori die cast a um batte n operati ubular po
34	Supply, installation, tes (a) luminaire: - 1No 45\ housing with weather 250W solar panel, bat having protection agai	ating and converse value of the proof gask of gask of the proof ga	Say 7	ng Organg of Solar Lat luminaire wat resistant to coller with authing with management of the collection of the collec	Rs 156. anisatio ED lighting with epoxy poughened go uto switch bounting brace Tota tal Deducte Net Tota Rs 54087 ctogonal poughened go ng control significants	00 / each INS System with owder coate lass cover, wilt in for docket suitable at Quantity at Quantity 63 / each le with 22x witch box w	Rs 3 In following a set pressure 100ah lithi usk to daw e to fix on to 7.000 7.000 eac 7.000 eac Rs 376 200x12mm ith inspection	accessori die cast a um batte n operati ubular po ch ch sh sh
	Supply, installation, tes (a) luminaire: - 1No 45\ housing with weather 250W solar panel, bat having protection agai od75188/2019_2020 od75193/2019_2020 Supply and installation 4nos. 20mm dia 600mm at bottom, including fix	ating and converse value of the proof gask of gask of the proof ga	Say 7	ng Organg of Solar Lat luminaire wat resistant to coller with authing with management of the collection of the collec	Rs 156. anisatio ED lighting with epoxy poughened go uto switch bounting brace Tota tal Deducte Net Tota Rs 54087 ctogonal poughened go ng control significants	00 / each INS System with owder coate lass cover, wilt in for docket suitable at Quantity at Quantity 63 / each le with 22x witch box w	Rs 3 In following a set pressure 100ah lithi usk to daw e to fix on to 7.000 7.000 eac 7.000 eac Rs 376 200x12mm ith inspection	accessori die cast a um batte n operati ubular po ch ch sh sh

				Total Deducted Quantity	0.000 each
				Net Total Quantity	7.000 each
			Say 7.000 ead	ch @ Rs 26576.94 / each	Rs 186038.58
36	copper conduc	tor single core cable	in surface / recessond earthing the po	all bell point with 1.5 sq.m ed medium class PVC cond int with 1.5 sq.mm. FRLS C	duit,with modular swit
	1.10.3	5			5.000
				Total Quantity	5.000 point
				Total Deducted Quantity	0.000 point
			/SEA	Net Total Quantity	5.000 point
			Say 5.000 ¡	point @ Rs 992.12 / point	Rs 4960.60
	sq.mm + 1x1.5	5 sq.mm earth wire	le in surface / reces	ssed medium class PVC c	
	1.14.1	10	PACESTALISM DI J		10.000
		0.1 E		Total Quantity	10.000 metre
		Other En	gineering O	Total Deducted Quantity	0.000 metre
		$-\mathbf{D}$		Net Total Quantity	10.000 metre
			Say 10.000 m	etre @ Rs 146.79 / metre	Rs 1467.90
38	1.31 Supplying and				
	connection et	riding and fixing 3 c. as required. (Fo	pin 5/6 amps modu	ar plate and cover in front ular socket outlet and 5/6 used in non residentialb	6 ampsmodular swit uildings).
		viding and fixing 3	pin 5/6 amps modu	ular socket outlet and 5/6 used in non residentialbo	6 ampsmodular swit- uildings).
	connection et	riding and fixing 3 c. as required. (Fo	pin 5/6 amps modu	ular socket outlet and 5/6 used in non residentialbox Total Quantity	ampsmodular swituildings). 1.000 1.000 each
	connection et	riding and fixing 3 c. as required. (Fo	pin 5/6 amps modu	ular socket outlet and 5/6 used in non residentialbo	6 ampsmodular swit uildings).
	connection et	riding and fixing 3 c. as required. (Fo	pin 5/6 amps moder r light plugs to be	Total Quantity Net Total Quantity	ampsmodular swituildings). 1.000 1.000 each 0.000 each
39	1.31 1.32 Supplying and including provi	riding and fixing 3 c. as required. (Fo	Say 1.000 of Solution 1.000 of	Total Deducted Quantity	ampsmodular swituildings). 1.000 1.000 each 0.000 each 1.000 each Rs 410.22 on surface or in rece
39	1.31 1.32 Supplying and including provi	riding and fixing 3 pc. as required. (For a fixing suitable size iding and fixing 6 pi	Say 1.000 of Solution 1.000 of	Total Quantity Net Total Quantity Pach @ Rs 410.22 / each	ampsmodular swituildings). 1.000 1.000 each 0.000 each 1.000 each Rs 410.22 on surface or in rece

				To	tal Deducte	d Quantity	0.000 eac	h	
				10		al Quantity	1.000 eac		
			Say	y 1.000 each				32.10	
40	1.12 Wiring for light/ power psurface/ recessed med conductor single core	lium class	PVC condu	it along with	n 1 No 4 so		•		
	1.12	10					10.000		
					Tota	al Quantity	10.000 me	etre	
				To	tal Deducte	d Quantity	0.000 met	re	
			0	.00	Net Tota	al Quantity	10.000 me	etre	
	Say 10.000 metre @ Rs 220.18 / metre								
	16/0.20 mm 3 core PV original wiring and giv 90.3.19.3							_	
	90.3.19.3	3		In Distance	Tot	l Quantity	5.000 eac	h	
	0	ther En	gineeri	ng Or y a	tal Deducte		0.000 eac		
						al Quantity	5.000 eac		
			Say	5.000 each	@ Rs 1174	.12 / each	Rs 5870.60		
SI No	Description	No	L	В	D	CF	Quantity	Remark	
1	85.101 Supply of MS plates con	amp;amp;	amp;amp;	SS EMBEDI	DED PARTS	S		S	
		PLATE	S FOR SEC	ONDARY E	MBEDDED	PARTS			
	Base plate - SILL BEAM end	2*4	0.160	0.120	0.008	7850.0	9.647		
	Rib - SILL BEAM	24*4	0.225	0.060	0.008	7850.0	81.389		
	End rib - SILL BEAM	2*4	0.237	0.180	0.008	7850.0	21.433		
	Alignment plate - SILL BEAM	26*4	0.300	0.100	0.010	7850.0	244.920		
	Fab ISMB flange - ROLLER TRACK	4*4	6.815	0.200	0.020	7850.0	3423.857		

Fab ISMB WEB - ROLLER TRACK	2*4	6.815	0.200	0.020	7850.0	1711.929	
Rib - ROLLER TRACK	28*4	0.200	0.090	0.010	7850.0	158.256	
Guide	2*4	6.815	0.120	0.020	7850.0	1027.157	
Alignment plate - GUIDE	28*4	0.150	0.100	0.010	7850.0	131.880	
Alignment plate - SIDE SEAL	28*4	0.470	0.100	0.008	7850.0	330.580	
Base plate for resting pad - SIDE SEAL	2*4	0.140	0.090	0.008	7850.0	6.331	
Rib for resting pad - SIDE SEAL	2*4	0.229	0.145	0.008	7850.0	16.683	
	PLAT	ES FOR PF	RIMARY EM	BEDDED P	ARTS		
Plate type-1 - anchor rod fixing-SILL BEAM	26*4	0.300	0.100	0.010	7850.0	244.920	
Plate type-4 - anchor rod fixing-SIDE SEAL	56*4	0.100	0.100	0.010	7850.0	175.841	
Plate type-2 - anchor rod fixing-ROLLER TRACK	28*4	0.200	0.100	0.010	7850.0	175.841	
Plate type-4 - anchor rod fixing-ROLLER TRACK	ther En	0.100	ng Org	0.010	ns 7850.0	43.961	
Plate type-3 - anchor rod fixing-GUIDE	28*4	0.150	0.100	0.010	7850.0	131.880	
				Tota	al Quantity	7936.505	kg
			To	otal Deducte	d Quantity	0.000 kg	
				Net Tota	al Quantity	7936.505	kg
		;	Say 7936.50)5 kg @ Rs	64.18 / kg	Rs 509	364.89
85.102 Supply of MS Tees, An charges	gles, Joists	, ISMB, ISM	C confirming	g to IS20620	GrA/B includ	ling cost of c	conveyance
	IS	SA for PRIM	ARY EMBEI	DDED PART	ΓS		
ISA for Anchor rod fixing plate 35x35x6 - ROLLER TRACK	2*4	7.315			3.0	175.560	

	ISA for Anchor rod fixing plate 35x35x6 - ROLLER TRACK	2*4	7.315			3.0	175.560	
	ISA for Anchor rod fixing plate 35x35x6 - SIDE SEAL	4*4	7.315			3.0	351.120	
	ISA for Anchor rod fixing plate 35x35x6 - GUIDE	2*4	7.315			3.0	175.560	
	ISA for Anchor rod fixing plate 35x35x6 - SILL BEAM	1*4	12.900			3.0	154.800	
		MS SECT	IONS for SI	ECONDARY	'EMBEDDE	D PARTS		
	Sill beam - ISMB 250x125	1*4	12.900			37.3	1924.680	
	Cleat ISA 80x80x8- SILL BEAM	2*4	0.150	3/4	4	9.6	11.520	
	A I i g n m e n t ISA75x75x6- ROLLER TRACK	14*4	0.080			6.8	30.465	
	Side seal track base ISA130x130x10 - SIDE SEAL	ther ₄ En	gineeri 6.815	ng Orga	anisatio	ns _{19.7}	1074.044	
		$P \mid$			Tota	al Quantity	4073.309	kg
				To	otal Deducte	d Quantity	0.000 kg	
						al Quantity	4073.309	kg
			•	Sav 4073.30)9 kg @ Rs (66.13 / kg	Rs 269	367.92
3	85.107 Supply of MS round bar	r including c				<u> </u>		
		MS rour	nds bars for	PRIMARY E	EMBEDDED	PARTS		
	J-type Anchor rod - 16mm rod - SILL BEAM	52*4	0.310			1.58	101.879	
	Inclined support 16mm rod -SILL BEAM	28*4	0.750			1.58	132.720	
	Vertical support 16mm rod - SILL BEAM	13*4	0.500			1.58	41.080	

	J-type Anchor rod - 16mm rod - SIDE SEAL	56*4	0.310			1.58	109.716	
	J-type Anchor rod - 16mm rod - GUIDE	56*4	0.310			1.58	109.716	
	J-type Anchor rod - 16mm rod - ROLLER TRACK	70*4	0.310			1.58	137.144	
		MS rounds	s bars for SI	ECONDARY	/ EMBEDDE	D PARTS		
	Alignment rod -16mm rod - SILL BEAM	52*4	0.170			1.58	55.869	
	Alignment rod-1 - 16mm rod - ROLLER TRACK	56*4	0.160	A.		1.58	56.628	
	Alignment rod-2 - 16mm rod - ROLLER TRACK	14*4	0.115	34		1.58	10.176	
	Alignment rod -16mm rod - GUIDE	56*4	0.110			1.58	38.932	
	Alignment rod-1 - 16mm rod - SIDE SEAL	ther En	.0.125 gineeri	ng Orga	anisatio	1.58 NS	22.120	
	Alignment rod-2 - 16mm rod - SIDE SEAL	28*4	0.315		E	1.58	55.743	
					Tota	al Quantity	871.723 k	g
				To	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	871.723 k	g
				Say 871.72	23 kg @ Rs (64.18 / kg	Rs 55	947.18
4	od81174/2019_2020 Supply of Bolt and Nut	up to 300mr	n Length ind	· ·	-		1	
		•			CONDARY		D PARTS	
	M16 -55 LG Hex. bolt with nut &washers	4*4				0.14	2.304	
	M16 - Nuts Washer (For Sill Beam Al ignmentrod)	104*4				0.03	12.480	

	M16 - Nuts Washer (For Roller track Alignment rod-1)	112*4				0.03	13.440	
	M16 - Nuts Washer (For Roller track Alignment rod-2)	28*4				0.03	3.360	
	M16 - Nuts Washer (For Guide Alignment rod)	112*4				0.03	13.440	
	M16 - Nuts Washer (For Side Seal Alignment rod-1)	56*4		1144		0.03	6.720	
	M16 - Nuts Washer (For Side Seal Alignment rod-2)	56*4	A			0.03	6.720	
					Tota	al Quantity	58.464 kg	
			1	Te	otal Deducte	d Quantity	0.000 kg	
		1/52	148	350	Net Tota	al Quantity	58.464 kg	
	3			Say 58.40	64 kg @ Rs 7	77.77 / kg	Rs 4	546.75
5	85.108 Fabrication, erection a accessories as per app of labour, machinery already supplied	roved spec	ifications, d	rawings and	d directions o	of deptl office	er at site ind	cluding cost
		MS ROU	ND BARS fo	or PRIMARY	/ EMBEDDE	D PARTS		
	J-type Anchor rod - 16mm rod - SILL BEAM	52*4	0.310			1.58	101.879	
	Inclined support 16mm rod -SILL BEAM	28*4	0.750			1.58	132.720	
	Vertical support 16mm rod - SILL BEAM	13*4	0.500			1.58	41.080	
	J-type Anchor rod - 16mm rod - SIDE SEAL	56*4	0.310			1.58	109.716	
	J-type Anchor rod - 16mm rod - GUIDE	56*4	0.310			1.58	109.716	

16	type Anchor rod - Smm rod - ROLLER RACK	70*4	0.310			1.58	137.144	
		PLATE	S for SECC	NDARY EN	MBEDDED F	PARTS		
	ase plate - SILL EAM end	2*4	0.160	0.120	0.008	7850.0	9.647	
Ril	b - SILL BEAM	24*4	0.225	0.060	0.008	7850.0	81.389	
En	nd rib - SILL BEAM	4*4	0.237	0.180	0.008	7850.0	42.865	
	ignment plate - SILL EAM	26*4	0.300	0.100	0.010	7850.0	244.920	
	ab ISMB flange - OLLER TRACK	4*4	6.815	0.200	0.020	7850.0	3423.857	
	ab ISMB WEB - OLLER TRACK	2*4	6.815	0.200	0.020	7850.0	1711.929	
Ril	b - ROLLER TRACK	28*4	0.200	0.090	0.010	7850.0	158.256	
Gu	uide	2*4	6.815	0.120	0.020	7850.0	1027.157	
	ignment plate - UIDE	28*4	0.150	0.100	0.010	7850.0	131.880	
	ignment plate - IDE SEAL	28*4 ther En	0.470 gineeri	0.100	0.008 anisatio	7850.0	330.580	
	ase plate for resting ad - SIDE SEAL	2*4	0.140	0.090	0.008	7850.0	6.331	
	b for resting pad <u> </u>	2*4	0.229	0.145	0.008	7850.0	16.683	
		MS ROUNE	BARS for S	SECONDAF	RY EMBEDE	DED PARTS	3	
	ignment rod -16mm d - SILL BEAM	52*4	0.170			1.58	55.869	
16	ignment rod-1 - omm rod - ROLLER RACK	56*4	0.160			1.58	56.628	
16	lignment rod-2 - Omm rod - ROLLER RAC	14*4	0.115			1.58	10.176	
	ignment rod -16mm d - GUIDE	56*4	0.110			1.58	38.932	
16	lignment rod-1 - Smm rod - SIDE EAL	28*4	0.125			1.58	22.120	

		1		1			
Alignment rod-2 - 16mm rod - SIDE SEAL	28*4	0.315			1.58	55.743	
	MS SECT	IONS for SE	CONDARY	'EMBEDDE	D PARTS		
Sill beam - ISMB 250x125	1*4	12.900			37.3	1924.680	
Cleat ISA 80x80x8- SILL BEAM	2*4	0.150			9.6	11.520	
A I i g n m e n t ISA75x75x6- ROLLER TRACK	14*4	0.080			6.8	30.465	
Side seal track base ISA130x130x10 - SIDE SEAL	2*4	6.815	A.		19.7	1074.044	
	PLA	TES for PRI	MARY EME	BEDDED PA	RTS		
Plate type-1 - anchor rod fixing-SILL BEAM	26*4	0.300	0.100	0.010	7850.0	244.920	
Plate type-4 - anchor rod fixing-SIDE SEAL	56*4	0.100	0.100	0.010	7850.0	175.841	
Plate type-2 - anchor rod fixing-ROLLER TRACK	th 28 *4En	gi0:200 ri	ng ^{0.} 00g	an 0.010 io	n 7850.0	175.841	
Plate type-4 - anchor rod fixing-ROLLER TRACK	14*4	0.100	0.100	0.010	7850.0	43.961	
Plate type-3 - anchor rod fixing-GUIDE	28*4	0.150	0.100	0.010	7850.0	131.880	
	IS	SA for PRIMA	ARY EMBEI	DDED PART	s		
ISA for Anchor rod fixing plate 35x35x6 - ROLLER TRACK	2*4	7.315			3.0	175.560	
ISA for Anchor rod fixing plate 35x35x6 - ROLLER TRACK	2*4	7.315			3.0	175.560	
ISA for Anchor rod fixing plate 35x35x6 - SIDE SEAL	4*4	7.315			3.0	351.120	

	ISA for Anchor rod fixing plate 35x35x6 - GUIDE	2*4	7.315			3.0	175.560			
	ISA for Anchor rod fixing plate 35x35x6 - SILL BEAM	1*4	12.900			3.0	154.800			
					Tot	al Quantity	12902.969	kg		
				To	otal Deducte	ed Quantity	0.000 kg			
					Net Tot	al Quantity	12902.969	kg		
	Say 12902.969 kg @ Rs 75.59 / kg Rs 975335.43									
6	od81187/2019_2020 Fabrication, Supply, erection and assembling in correct position and alignment by welding SS Embedded parts in 304L Grade like roller track, seal track, Seal seat etc as per approved specifications, drawing and directions of deptl officer at site including cost of all br>materials, labour, machinery for planing welding, shearing, grinding etc, lead and lift, conveyance, incidental and handling etc complete br>Ra analysis SS Embedded parts 2.6Qtl									
	aa.yo.o ooooaoo	1 6	RIALS for S	ECONDAR'	Y EMBEDD	ED PARTS				
	Cladding - SILL BEAM	1*4	12.800	0.140	0.008	7900.0	453.018			
	Cladding - ROLLER	2*4	6.715	0.150	0.012	7900.0	763.899			
	Cladding-SIDE SEAL TRACKCladding-SIDE SEAL TRACK	ther En	gineeri 6.715	ng Org	anisatio	7900.0	271.609			
	Resting pad for SIDE SEAL clamp bottom end	2*4	0.150	0.090	0.008	7900.0	6.826			
			•		Tot	al Quantity	1495.352	kg		
				To	otal Deducte	ed Quantity	0.000 kg			
					Net Tot	al Quantity	1495.352	kg		
			S	ay 1495.352	2 kg @ Rs 5	502.09 / kg	Rs 750	801.29		
SI No	Description	No	L	В	D	CF	Quantity	Remark		
	6 E2 - Supply of materi	als, fabric	ation, painti	ng and ere	ection of MS	S REGULAT	ING GATES	.		
1	85.101 Supply of MS plates co	nfirming to	IS 2062GrB	including co	ost of conve	yance charg	jes			
	MS PLATES for REGULATING GATE									
	Skin plate bottom side	1*4	12.700	1.850	0.012	7850.0	8852.917			
	Skin plate top side	1*4	12.700	2.800	0.012	7850.0	13399.008			

End girder bottom	4*4	1.850	0.510	0.012	7850.0	1422.044	
End girder top	4*4	2.800	0.510	0.012	7850.0	2152.282	
Stiffner connecting end girder	to 30*4	0.510	0.150	0.010	7850.0	720.630	
Stiffner for latching	2*4	0.510	0.070	0.010	7850.0	22.420	
Roller shaft fixi plate	ng 8*4	0.180	0.170	0.010	7850.0	76.868	
Eccentrici adjustment plate	t y 8*4	0.150	0.150	0.020	7850.0	113.040	
Roller shaft fixi plate - outer	ng 8*4	0.180	0.170	0.010	7850.0	76.868	
Shaft locking plate outside	e - 8*4	0.170	0.080	0.010	7850.0	34.164	
Horizontal girder we	b 4*4	12.330	1.200	0.010	7850.0	18583.776	
Horizontal gird	er 4*4	12.900	0.200	0.016	7850.0	5184.769	
Stiffner top & botto of Horizontal girde	32*4	1.050	0.090	0.010	7850.0	949.536	
Spliceplatef horizontal girder we	N*∕I	1.100	0.150	0.010 anisatio	7850.0	414.481	
Full depth stiffner w - stage 1	7eb 3*4	1.200	1.070	0.010	7850.0	1209.528	
Full depth stiffn web-1 - stage 2	3*4	1.200	1.190	0.010	7850.0	1345.176	
Full depth stiffn web-2 - stage 2	er 2*4	1.200	1.180	0.010	7850.0	889.248	
Full depth stiffner w	reb 5*4	1.200	0.410	0.010	7850.0	772.440	
Full depth stiffner w	reb 5*4	1.200	0.510	0.010	7850.0	960.840	
Full depth stiffner w	reb 5*4	1.200	0.800	0.010	7850.0	1507.200	
Full depth stiffner w	reb 5*4	1.200	0.435	0.010	7850.0	819.541	
Vertical stiffner - sta	ge 26*4	1.070	0.150	0.010	7850.0	1310.322	
Vertical stiffner - sta	ge 26*4	1.190	0.150	0.010	7850.0	1457.274	

Vertical stiffner - stage 3	26*4	0.410	0.150	0.010	7850.0	502.086	
Vertical stiffner - stage	26*4	0.510	0.150	0.010	7850.0	624.546	
Vertical stiffner - stage 5	26*4	0.800	0.150	0.010	7850.0	979.680	
Vertical stiffner - stage	26*4	0.435	0.150	0.010	7850.0	532.701	
Full depth stiffner flange - stage 2	5*4	1.000	0.160	0.010	7850.0	251.201	
Full depth stiffner flange - stage 3	5*4	0.315	0.160	0.010	7850.0	79.128	
Full depth stiffner flange - stage 4	5*4	0.415	0.160	0.010	7850.0	104.248	
Full depth stiffner flange - stage 5	5*4	0.530	0.160	0.010	7850.0	133.136	
Splice plate-full depth stiffner flange joint	5*4	0.500	0.160	0.010	7850.0	125.601	
Splice plate-horizontal joint on skin plate	2*4	12.280	0.160	0.010	7850.0	1233.895	
Splice plate-horizontal joint on end girder	ther Er	gineeri 0.490	ng Orga 0.160	anisatio 0.010	ns 7850.0	98.471	
Splice plates-1-vertical joint on skin plate upstream side		2.720	0.160	0.010	7850.0	136.653	
Splice plates-2-vertical joint on skin plate upstream side	1*4	1.770	0.160	0.010	7850.0	88.925	
Splice plates-3-vertical joint on skin plate upstream side	1*4	1.070	0.160	0.010	7850.0	53.757	
Splice plates-4-vertical joint on skin plate upstream side	1*4	1.190	0.160	0.010	7850.0	59.786	
Splice plates-5-vertical joint on skin plate upstream side	1*4	0.410	0.160	0.010	7850.0	20.599	

Splice plates-6-vertical joint on skin plate upstream side	1*4	0.510	0.160	0.010	7850.0	25.623	
Splice plates-7-vertical joint on skin plate upstream side	1*4	0.800	0.160	0.010	7850.0	40.192	
Splice plates-8-vertical joint on skin plate upstream side	1*4	0.435	0.160	0.010	7850.0	21.855	
Splice plates 4nos h o rizontalgirderf langejoint	16*4	0.350	0.180	0.012	7850.0	379.815	
Side seal seat	2*4	4.566	0.105	0.020	7850.0	602.165	
Bottom seal clamp	1*4	11.760	0.080	0.010	7850.0	295.412	
Bottom seal guard	1*4	11.760	0.020	0.020	7850.0	147.706	
Shim-guide shoe base plate	4*4	0.200	0.200	0.004	7850.0	20.097	
Base plate-guide shoe	4*4	0.200	0.200	0.012	7850.0	60.289	
Frame-guide shoe	8*4	0.240	0.068	0.010	7850.0	40.996	
Guide shoe	4*4	0.116	0.042	0.030	7850.0	18.358	
Friction reducer block	ther En	gineeri 0.150	ng Org	an1sat10 0.040	NS 7850.0	37.680	
Bottom block plate	4*4	1.360	0.670	0.012	7850.0	1373.361	
Connecting plate for Bottom block plate-1	4*4	0.350	0.110	0.010	7850.0	48.356	
Gap maintaining p l a t e - 1	4*4	0.200	0.120	0.010	7850.0	30.145	
Gap maintaining p I a t e - 2	4*4	0.110	0.100	0.010	7850.0	13.817	
Rope guard	4*4	0.840	0.110	0.00315	7850.0	36.558	
Gap maintaining p I a t e - 3	2*4	0.250	0.110	0.010	7850.0	17.270	
Connecting plate for Bottom block plate-2	2*4	0.200	0.110	0.010	7850.0	13.817	
Pulley shaft fixing plate	8*4	0.180	0.180	0.010	7850.0	81.389	
Bottom block shaft fixing plate	4*4	0.180	0.180	0.020	7850.0	81.389	

			,	1	,	I			
	Lock plate	24*4	0.120	0.050	0.010	7850.0	45.216		
	Spacer for pulley	8*4	0.200	0.200	0.008	7850.0	80.385		
	Spacer for bottom block shaft	2*4	0.180	0.180	0.068	7850.0	138.361		
	Bracket for lifting arrangement	4*4	0.950	0.500	0.020	7850.0	1193.200		
	Strengthening plate for bottom of lifting arangement bracket	2*4	1.200	0.550	0.010	7850.0	414.481		
	Stiffner for lifting arrangement-down stream side	4*4	0.950	0.722	0.010	7850.0	861.491		
	Stiffner for lifting a r r a n g e m e n t - u p s t r e a m s i d e	4*4	1.070	0.298	0.010	7850.0	400.489		
	Middle stiffner lifting bracket	2*4	0.650	0.140	0.010	7850.0	57.149		
	Bearingplate- dogging beam	4*4	0.400	0.400	0.012	7850.0	241.153		
	Dogging beam flange	4*4	1.450	0.120	0.016	7850.0	349.671		
	Dogging beam web	ther4En	gin450ri	ng.200g	ano.01610	n 7 850.0	582.784		
	Insidestiffner- dogging beam	12*4	0.200	0.088	0.012	7850.0	79.581		
	End stiffner - dogging beam	4*4	0.220	0.100	0.016	7850.0	44.212		
					Tota	al Quantity	75173.248	kg	
				To	otal Deducte	d Quantity	0.000 kg		
					Net Tota	al Quantity	75173.248	kg	
			S	ay 75173.24	18 kg @ Rs	64.18 / kg	Rs 482	4619.06	
2	85.102 Supply of MS Tees, An charges	gles, Joists	, ISMB, ISM	C confirmin	g to IS20620	GrA/B includ	ding cost of c	conveyance	
		MS SECTION for REGULATING GATE							
	Horizontal girder top of gate -ISMC 150x75	1*4	12.330			16.4	808.848		
	Bracing-11SA1 00x100x8	4*4	1.505			12.1	291.368		

	Bracing-21SA1 00x100x8	4*4	1.190			12.1	230.384	
	Bracing-31SA1 00x100x8	4*4	0.800			12.1	154.880	
	Side seal Clamp ISA75x75x8	2*4	4.650			8.9	331.081	
	Sliding protector - ISA75x75x8 dogging beam	8*4	0.232			8.9	66.074	
					Tota	al Quantity	1882.635	kg
				To	tal Deducte	d Quantity	0.000 kg	
			100	:2N	Net Tota	al Quantity	1882.635	kg
			-//	Say 1882.63	35 kg @ Rs	66.13 / kg	Rs 124	1498.65
3	85.107 Supply of MS round bar	· including o	cost of conv	eyance char	ges			
		BA	MS ROUND	for REGULA	ATING GAT	E		
	J-type anchor rod - Dogging beam - dia16mm rod	16*4	0.350			1.58	35.392	
	Hook-Dogging beam dia16mm rod	ther4Er	gio.30511	ng Orga	anisatio	NS1.58	7.711	
					Tota	al Quantity	43.103 kg	
				To	otal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	43.103 kg	
				Say 43.10)3 kg @ Rs	64.18 / kg	Rs 27	766.35
4	od81174/2019_2020 Supply of Bolt and Nut t	up to 300m	m Length in	cluding cost	of conveyar	nce.		
	MS	BOLT ANI	D NUT WIT	H WASHER	for REGUL/	ATING GAT	ES	
	M16X50mm Length Bolt with Washer (GI)	56*4				0.14	30.465	
	M16X40mm Length Bolt with Washer (GI)	32*4				0.12	15.360	
	M16X60mm Length Bolt with Nut and Washer (GI)	40*4				0.15	24.320	

			1	I	1			
	M16X60mm Length Bolt with Nut and with Washer (GI)	40*4				0.16	24.800	
	M16X70mm Length Bolt with Nut and with Washer (GI)	16*4				0.17	10.752	
					Tota	al Quantity	105.697 k	g
				To	otal Deducte	d Quantity	0.000 kg	<u>-</u>
					Net Tota	al Quantity	105.697 kg	a
				Sav 105.69	97 kg @ Rs			220.06
5	85.110 Fabrication and supply drawings and direction incidental and handling	s of deptl	officer at sit	e including	cost of lab	our, machir	nery, all lead	ds and lifts
		N	IS PLATES	for REGUL	ATING GAT	E		
	Skin plate bottom side	1*4	12.700	1.850	0.012	7850.0	8852.917	
	Skin plate top side	1*4	12.700	2.800	0.012	7850.0	13399.008	
	End girder bottom	4*4	1.850	0.510	0.012	7850.0	1422.044	
	End girder top	4*4	2.800	0.510	0.012	7850.0	2152.282	
	Stiffner connecting to end girder	ther Er	gineeri 0.510	ng Org	anisatio 0.010	ns 7850.0	720.630	
	Stiffner for latching	2*4	0.510	0.070	0.010	7850.0	22.420	
	Roller shaft fixing plate	8*4	0.180	0.170	0.010	7850.0	76.868	
	Eccentricity adjustment plate	8*4	0.150	0.150	0.020	7850.0	113.040	
	Roller shaft fixing plate - outer	8*4	0.180	0.170	0.010	7850.0	76.868	
	Shaft locking plate - outside	8*4	0.170	0.080	0.010	7850.0	34.164	
	Horizontal girder web	4*4	12.330	1.200	0.010	7850.0	18583.776	
	Horizontal girder flange	4*4	12.900	0.200	0.016	7850.0	5184.769	
	Stiffner top & bottom of Horizontal girder	32*4	1.050	0.090	0.010	7850.0	949.536	
	Spliceplatefor horizontal girder web	8*4	1.100	0.150	0.010	7850.0	414.481	

Full depth stiffner web - stage 1	3*4	1.200	1.070	0.010	7850.0	1209.528	
Full depth stiffner web-1 - stage 2	3*4	1.200	1.190	0.010	7850.0	1345.176	
Full depth stiffner web-2 - stage 2	2*4	1.200	1.180	0.010	7850.0	889.248	
Full depth stiffner web - stage 3	5*4	1.200	0.410	0.010	7850.0	772.440	
Full depth stiffner web - stage 4	5*4	1.200	0.510	0.010	7850.0	960.840	
Full depth stiffner web - stage 5	5*4	1.200	0.800	0.010	7850.0	1507.200	
Full depth stiffner web - stage 6	5*4	1.200	0.435	0.010	7850.0	819.541	
Vertical stiffner - stage	26*4	1.070	0.150	0.010	7850.0	1310.322	
Vertical stiffner - stage 2	26*4	1.190	0.150	0.010	7850.0	1457.274	
Vertical stiffner - stage 3	26*4	0.410	0.150	0.010	7850.0	502.086	
Vertical stiffner - stage	ther En	gineeri 0.510	ng Orga 0.150	anisatio 0.010	ns 7850.0	624.546	
Vertical stiffner - stage 5	26*4	0.800	0.150	0.010	7850.0	979.680	
Vertical stiffner - stage 6	26*4	0.435	0.150	0.010	7850.0	532.701	
Full depth stiffner flange - stage 2	5*4	1.000	0.160	0.010	7850.0	251.201	
Full depth stiffner flange - stage 3	5*4	0.315	0.160	0.010	7850.0	79.128	
Full depth stiffner flange - stage 4	5*4	0.415	0.160	0.010	7850.0	104.248	
Full depth stiffner flange - stage 5	5*4	0.530	0.160	0.010	7850.0	133.136	
Splice plate-full depth stiffner flange joint	5*4	0.500	0.160	0.010	7850.0	125.601	
Splice plate-horizontal joint on skin plate	2*4	12.280	0.160	0.010	7850.0	1233.895	

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Splice plate-horizontal joint on end girder	4*4	0.490	0.160	0.010	7850.0	98.471	
Splice plates-1-vertical joint on skin plate upstream side	1*4	2.720	0.160	0.010	7850.0	136.653	
Splice plates-2-vertical joint on skin plate upstream side	1*4	1.770	0.160	0.010	7850.0	88.925	
Splice plates-3-vertical joint on skin plate on downstream side	1*4	1.070	0.160	0.010	7850.0	53.757	
Splice plates-4-vertical joint on skin plate on downstream side	1*4	1.190	0.160	0.010	7850.0	59.786	
Splice plates-5-vertical joint on skin plate on downstream side	1*4	0.410	0.160	0.010	7850.0	20.599	
Splice plates-6-vertical joint on skin plate on downstream side	1*4	0.510	0.160	0.010	7850.0	25.623	
Splice plates-7-vertical joint on skin plate on downstream side	ther4En	gio.800 ri	ngo.160 g	ano.010io	n 7850.0	40.192	
Splice plates-8-vertical joint on skin plate on downstream side	1*4	0.435	0.160	0.010	7850.0	21.855	
Splice plates 4nos h o rizontalgirderf langejoint	16*4	0.350	0.180	0.012	7850.0	379.815	
Side seal seat	2*4	4.566	0.105	0.020	7850.0	602.165	
Bottom seal clamp	1*4	11.760	0.080	0.010	7850.0	295.412	
Bottom seal guard	1*4	11.760	0.020	0.020	7850.0	147.706	
Shim-guide shoe base plate	4*4	0.200	0.200	0.004	7850.0	20.097	
Base plate-guide shoe	4*4	0.200	0.200	0.012	7850.0	60.289	
Frame-guide shoe	8*4	0.240	0.068	0.010	7850.0	40.996	
Guide shoe	4*4	0.116	0.042	0.030	7850.0	18.358	
Friction reducer block	4*4	0.150	0.050	0.040	7850.0	37.680	
Bottom block plate	4*4	1.360	0.670	0.012	7850.0	1373.361	

Connecting plate for Bottom block plate-1	4*4	0.350	0.110	0.010	7850.0	48.356	
Gap maintaining p I a t e - 1	4*4	0.200	0.120	0.010	7850.0	30.145	
Gap maintaining p I a t e - 2	4*4	0.110	0.100	0.010	7850.0	13.817	
Rope guard	4*4	0.840	0.110	0.00315	7850.0	36.558	
Gap maintaining p I a t e - 3	2*4	0.250	0.110	0.010	7850.0	17.270	
Connecting plate for Bottom block plate-2	2*4	0.200	0.110	0.010	7850.0	13.817	
Pulley shaft fixing plate	8*4	0.180	0.180	0.010	7850.0	81.389	
Bottom block shaft fixing plate	4*4	0.180	0.180	0.020	7850.0	81.389	
Lock plate	24*4	0.120	0.050	0.010	7850.0	45.216	
Spacer for pulley	8*4	0.200	0.200	0.008	7850.0	80.385	
Spacer for bottom block shaft	2*4	0.180	0.180	0.068	7850.0	138.361	
Bracket for lifting arrangement	thar4En	gio.95011	ngo.500g	an o .02610	117 850.0	1193.200	
Strengthening plate for bottom of lifting arangement bracket	2*4	1.200	0.550	0.010	7850.0	414.481	
Stiffner for lifting arrangement-down stream side	4*4	0.950	0.722	0.010	7850.0	861.491	
Stiffner for lifting a r r a n g e m e n t - u p s t r e a m s i d e	4*4	1.070	0.298	0.010	7850.0	400.489	
Middle stiffner lifting bracket	2*4	0.650	0.140	0.010	7850.0	57.149	
Bearingplate- dogging beam	4*4	0.400	0.400	0.012	7850.0	241.153	
Dogging beam flange	4*4	1.450	0.120	0.016	7850.0	349.671	
Dogging beam web	4*4	1.450	0.200	0.016	7850.0	582.784	
Insidestiffner- dogging beam	12*4	0.200	0.088	0.012	7850.0	79.581	

	End stiffner - dogging beam	4*4	0.220	0.100	0.016	7850.0	44.212	
		N	MS ROUND	for REGUL/	ATING GAT	E		
	J-type anchor rod - Dogging beam - dia16mm rod	32*4	0.350			1.58	70.784	
	Hook-Dogging beam dia16mm rod	4*4	0.305			1.58	7.711	
		M	S SECTION	for REGUL	ATING GAT	ΓΕ		
	Horizontal girder top of gate -ISMC 150x75	1*4	12.330			16.4	808.848	
	Horizontal girder top of gate -ISMC 150x75	4*4	1.505	A		12.1	291.368	
	Bracing-21SA1 00x100x8	4*4	1.190		1	12.1	230.384	
	Bracing-31SA1 00x100x8	4*4	0.800		130	12.1	154.880	
	Side seal Clamp ISA75x75x8	2*4	4.650			8.9	331.081	
	Sliding protector - ISA75x75x8 dogging beam	ther ₄ Er	gi <u>o:232</u> 11	ng Orga	anisatio	NS 8.9	66.074	
		P = 1	R		Tota	al Quantity	77134.378	kg
				To	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	77134.378	kg
			S	ay 77134.37	′8 kg @ Rs (62.86 / kg	Rs 484	8667.00
6	Painting all the expose paint confirming to IS1 coats of priming coat a thickness of 70+/-5 mic is not less than 350mic including cost of all m charges, hire of T&P	4948 with a applied with rons, so the crons over laterials, later comple	a minimum a zinc prime at the total fathe grit blas abour chargete as per the	film thickness r containing ilm thickness ted and cle ges, cost one direction	ss of 150+/- not less the sof all coate aned surfact festing all of departments.	5 microns pan 85% of a sincluding painting mental office	per each co zinc dry film priming coat A standard c naterials, al	at over two with a film at any rate of IS 14177
			MS PLATES		ATING GAT		107.555	
	Skin plate bottom side	1*4	12.700	1.850		2.0	187.960	
	Skin plate top side	1*4	12.700	2.800		2.0	284.480	

End girder bottom side	4*4	1.850	0.510		2.0	30.193	
End girder top side	4*4	2.800	0.510		2.0	45.696	
Stiffner connecting to end girder	30*4	0.510	0.150		2.0	18.360	
Stiffner for latching	2*4	0.510	0.070		2.0	0.572	
Roller shaft fixing plate	8*4	0.180	0.170		2.0	1.959	
Eccentricity adjustment plate	8*4	0.150	0.150		2.0	1.440	
Roller shaft fixing plate - outer	8*4	0.180	0.170		2.0	1.959	
Shaft locking plate - outside	8*4	0.170	0.080	7	2.0	0.871	
Horizontal girder web	4*4	12.330	1.200	1 1 1	2.0	473.472	
Horizontal girder flange	4*4	12.900	0.200	Di	2.0	82.560	
Stiffner top & bottom of Horizontal girder	32*4	1.050	0.090		2.0	24.192	
Spliceplatefor horizontal girder web	ther4En	gintoori	ngo.150g	anisatio	NS 2.0	10.560	
Full depth stiffner web - stage 1	3*4	1.200	1.070		2.0	30.817	
Full depth stiffner web-1 - stage 2	3*4	1.200	1.190		2.0	34.272	
Full depth stiffner web-2 - stage 2	2*4	1.200	1.180		2.0	22.656	
Full depth stiffner web - stage 3	5*4	1.200	0.410		2.0	19.680	
Full depth stiffner web - stage 4	5*4	1.200	0.510		2.0	24.480	
Full depth stiffner web - stage 5	5*4	1.200	0.800		2.0	38.400	
Full depth stiffner web - stage 6	5*4	1.200	0.435		2.0	20.881	
Vertical stiffner - stage	26*4	1.070	0.150		2.0	33.384	
	End girder top side Stiffner connecting to end girder Stiffner for latching Roller shaft fixing plate E c c e n t r i c i t y adjustment plate Roller shaft fixing plate - outer Shaft locking plate - outside Horizontal girder web Horizontal girder web Horizontal girder web Stiffner top & bottom of Horizontal girder S p l i c e p l a t e f or horizontal girder web Full depth stiffner web - stage 1 Full depth stiffner web - stage 3 Full depth stiffner web - stage 4 Full depth stiffner web - stage 5 Full depth stiffner web - stage 6 Vertical stiffner - stage	End girder top side End girder top side Stiffner connecting to end girder Stiffner for latching Stiffner for latching Roller shaft fixing plate E c c e n t r i c i t y adjustment plate Roller shaft fixing plate - outer Shaft locking plate - outside Horizontal girder web Horizontal girder glange Stiffner top & bottom of Horizontal girder S p l i c e p l a t e f or horizontal girder web Full depth stiffner web - stage 1 Full depth stiffner web - stage 2 Full depth stiffner web - stage 3 Full depth stiffner web - stage 4 Full depth stiffner web - stage 4 Full depth stiffner web - stage 5 Full depth stiffner web - stage 6 Vertical stiffner web - stage 6 Vertical stiffner - stage 26*4	End girder top side End girder top side Stiffner connecting to end girder Stiffner for latching Stiffner for latching Roller shaft fixing plate E c c e n t r i c i t y adjustment plate Roller shaft fixing plate - outer Shaft locking plate - outside Horizontal girder web Horizontal girder flange Stiffner top & bottom of Horizontal girder Sp l i c e p l a t e f or horizontal girder web Full depth stiffner web - stage 1 Full depth stiffner web - stage 3 Full depth stiffner web - stage 4 Full depth stiffner web - stage 5 Full depth stiffner web - stage 5 Full depth stiffner web - stage 6 Vertical stiffner web - stage 6 Vertical stiffner - stage 26*4 1.070	Side	side 4*4 1.850 0.510 End girder top side 4*4 2.800 0.510 Stiffner connecting to end girder 30*4 0.510 0.150 Stiffner for latching 2*4 0.510 0.070 Roller shaft fixing plate 8*4 0.180 0.170 E c c e n t r i c i t y adjustment plate 8*4 0.150 0.150 Roller shaft fixing plate - outer 8*4 0.180 0.170 Shaft locking plate - outside 8*4 0.170 0.080 Horizontal girder web 4*4 12.330 1.200 Horizontal girder web 4*4 12.900 0.200 Stiffner top & bottom of Horizontal girder 32*4 1.050 0.090 Splice platefor horizontal girder web 1.8*4Er ginnoringo.150*ganisatio Full depth stiffner web - stage 1 3*4 1.200 1.070 Full depth stiffner web - stage 2 5*4 1.200 1.180 Full depth stiffner web - stage 3 5*4 1.200 0.410 Full depth stiffner web - stage 5 5	Side	side 4*4 1.850 0.510 2.0 30.193 End girder top side 4*4 2.800 0.510 2.0 45.696 Stiffner connecting to end girder 30*4 0.510 0.150 2.0 18.360 Stiffner for latching 2*4 0.510 0.070 2.0 0.572 Roller shaft fixing plate 8*4 0.180 0.170 2.0 1.959 E c c e n t r i c i t y adjustment plate 8*4 0.150 0.150 2.0 1.440 Roller shaft fixing plate - outer 8*4 0.180 0.170 2.0 1.959 Shaft locking plate - outer 8*4 0.180 0.170 2.0 1.959 Horizontal girder web 4*4 12.330 1.200 2.0 0.871 Horizontal girder web flange 4*4 12.900 0.200 2.0 473.472 Horizontal girder web - stage 1 3*4 1.050 0.090 2.0 24.192 Splice plate for Indicated web - stage 2 3*4 1.200 1.

Vertical stiffner - stage 2	26*4	1.190	0.150		2.0	37.128	
Vertical stiffner - stage	26*4	0.410	0.150		2.0	12.792	
Vertical stiffner - stage	26*4	0.510	0.150		2.0	15.912	
Vertical stiffner - stage 5	26*4	0.800	0.150		2.0	24.960	
Vertical stiffner - stage	26*4	0.435	0.150		2.0	13.573	
Full depth stiffner flange - stage 2	5*4	1.000	0.160		2.0	6.400	
Full depth stiffner flange - stage 3	5*4	0.315	0.160		2.0	2.016	
Full depth stiffner flange - stage 4	5*4	0.415	0.160		2.0	2.656	
Full depth stiffner flange - stage 5	5*4	0.530	0.160		2.0	3.392	
Splice plate-full depth stiffner flange joint	5*4	0.500	0.160	Sign	2.0	3.200	
Splice plate-horizontal joint on skin plate	ther En	gineeri 12.280	ng Orga 0.160	anisatio	ns 2.0	31.437	
Splice plate-horizontal joint on end girder	4*4	0.490	0.160	广上	2.0	2.509	
Splice plates-1-vertical joint on skin plate upstream side	1*4	2.720	0.160		2.0	3.482	
Splice plates-2-vertical joint on skin plate upstream side	1*4	1.770	0.160		2.0	2.266	
Splice plates-3-vertical joint on skin plate on downstream side	1*4	1.070	0.160		2.0	1.370	
Splice plates-4-vertical joint on skin plate on downstream side	1*4	1.190	0.160		2.0	1.524	
Splice plates-5-vertical joint on skin plate on downstream side	1*4	0.410	0.160		2.0	0.525	

Splice plates-6-vertical joint on skin plate on downstream side	1*4	0.510	0.160		2.0	0.653	
Splice plates-7-vertical joint on skin plate on downstream side	1*4	0.800	0.160		2.0	1.024	
Splice plates-8-vertical joint on skin plate on downstream side	1*4	0.435	0.160		2.0	0.557	
Splice plates 4nos h o rizontalgirderf langejoint	16*4	0.350	0.180		2.0	8.064	
Side seal seat	2*4	4.566	0.105		2.0	7.671	
Bottom seal clamp	1*4	11.760	0.080		2.0	7.527	
Bottom seal guard	1*4	11.760	0.020	10	2.0	1.882	
Shim-guide shoe base plate	4*4	0.200	0.200	HA	2.0	1.281	
Base plate-guide shoe	4*4	0.200	0.200		2.0	1.281	
Frame-guide shoe	8*4	0.240	0.068		2.0	1.045	
Guide shoe	4*4	0.116	0.042		2.0	0.156	
Friction reducer block	ther Er	191neer1 0.150	ng Org 0.050	anisatio	ns 2.0	0.240	
Bottom block plate	4*4	1.360	0.670		2.0	29.159	
Connecting plate for Bottom block plate-1	4*4	0.350	0.110		2.0	1.232	
Gap maintaining p I a t e - 1	4*4	0.200	0.120		2.0	0.768	
Gap maintaining p I a t e - 2	4*4	0.110	0.100		2.0	0.353	
Rope guard	4*4	0.840	0.110		2.0	2.957	
Gap maintaining p I a t e - 3	2*4	0.250	0.110		2.0	0.440	
Connecting plate for Bottom block plate-2	2*4	0.200	0.110		2.0	0.353	
Pulley shaft fixing plate	8*4	0.180	0.180		2.0	2.074	
Bottom block shaft fixing plate	4*4	0.180	0.180		2.0	1.037	

Lock plate	24*4	0.120	0.050		2.0	1.153	
Spacer for pulley	8*4	0.200	0.200		2.0	2.561	
Spacer for bottom	2*4	0.180	0.180		2.0	0.519	
Bracket for lifting arrangement	4*4	0.950	0.500		2.0	15.200	
Strengthening plate for bottom of lifting arangement bracket	2*4	1.200	0.550		2.0	10.560	
Stiffner for lifting arrangement-down stream side		0.950	0.722		2.0	21.949	
Stiffner for lifting a r r a n g e m e n t - u p s t r e a m s i d e		1.070	0.298	1	2.0	10.204	
Middle stiffner lifting bracket	2*4	0.650	0.140	1-2	2.0	1.457	
Bearingplate- dogging beam	4*4	0.400	0.400		2.0	5.121	
Dogging beam flange	4*4	1.450	0.120		2.0	5.568	
Dogging beam web	ther4Er	gi <u>n45</u> 6ri	ngo.200g	anisatic	ns _{2.0}	9.280	
Insidestiffner- dogging beam	12*4	0.200	0.088	F	2.0	1.690	
End stiffner - dogging	4*4	0.220	0.100		2.0	0.705	
	M	IS SECTION	for REGUL	ATING GA	ΓΕ		
Horizontal girder top of gate - ISMC 150x75	1*4	12.330			0.6	29.592	
Bracing-1ISA1 00x100x8	4*4	1.505			0.4	9.632	
Bracing-21SA1 00x100x8	4*4	1.190			0.4	7.616	
Bracing-31SA1 00x100x8	4*4	0.800			0.4	5.121	
Side seal Clamp ISA75x75x8	2*4	4.650			0.3	11.160	

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	Sliding protector - ISA75x75x8 dogging beam	8*4	0.232			0.3	2.228	
		N	//S ROUND	for REGULA	ATING GAT	E		
	J-type anchor rod - Dogging beam - dia16mm rod	32*4	0.350			0.05	2.240	
	Hook-Dogging beam dia16mm rod	4*4	0.305			0.05	0.244	
					Tota	al Quantity	1777.540	sqm
				To	otal Deducte	d Quantity	0.000 sqm	1
			100	/Rs	Net Tota	al Quantity	1777.540	sqm
			Say 1	777.540 sqı	m @ Rs 809	.89 / sqm	Rs 143	9611.87
7	85.111 Erection of the gates slabour all incidental and			10 F 13 F 14	A.A. 179. 1			•
		М	S SECTION	for REGUL	ATING GAT	E		
	Horizontal girder top of gate -ISMC 150x75	1*4	12.330			16.4	808.848	
	Bracing-11SA1 00x100x8	ther4En	gin5061i	ng Orga	anisatio	NS 12.1	291.368	
	Bracing-21SA1 00x100x8	4*4	1.190			12.1	230.384	
	Bracing-31SA1	4*4	0.800			12.1	154.880	
	Side seal Clamp ISA75x75x8	2*4	4.650			8.9	331.081	
	Sliding protector - ISA75x75x8 dogging beam	8*4	0.232			8.9	66.074	
		N	IS PLATES	for REGUL	ATING GAT	E		
	Skin plate bottom side	1*4	12.700	1.850	0.012	7850.0	8852.917	
	Skin plate top side	1*4	12.700	2.800	0.012	7850.0	13399.008	
	End girder bottom	4*4	1.850	0.510	0.012	7850.0	1422.044	
	End girder top	4*4	2.800	0.510	0.012	7850.0	2152.282	
	Stiffner connecting to end girder	30*4	0.510	0.150	0.010	7850.0	720.630	

Stiffner for latching	2*4	0.510	0.070	0.010	7850.0	22.420	
Roller shaft fixing plate	8*4	0.180	0.170	0.010	7850.0	76.868	
Eccentricity adjustment plate	8*4	0.150	0.150	0.020	7850.0	113.040	
Roller shaft fixing plate - outer	8*4	0.180	0.170	0.010	7850.0	76.868	
Shaft locking plate - outside	8*4	0.170	0.080	0.010	7850.0	34.164	
Horizontal girder web	4*4	12.330	1.200	0.010	7850.0	18583.776	
Horizontal girder flange	4*4	12.900	0.200	0.016	7850.0	5184.769	
Stiffner top & bottom of Horizontal girder	32*4	1.050	0.090	0.010	7850.0	949.536	
Spliceplatefor horizontal girder web	8*4	1.100	0.150	0.010	7850.0	414.481	
Full depth stiffner web	3*4	1.200	1.070	0.010	7850.0	1209.528	
Full depth stiffner web-1 - stage 2	3*4	1.200	1.190	0.010	7850.0	1345.176	
Full depth stiffner web-2 - stage 2	ther En	1.200	ng Orga 1.180	0.010	ns 7850.0	889.248	
Full depth stiffner web - stage 3	5*4	1.200	0.410	0.010	7850.0	772.440	
Full depth stiffner web - stage 4	5*4	1.200	0.510	0.010	7850.0	960.840	
Full depth stiffner web - stage 5	5*4	1.200	0.800	0.010	7850.0	1507.200	
Full depth stiffner web - stage 6	5*4	1.200	0.435	0.010	7850.0	819.541	
Vertical stiffner - stage	26*4	1.070	0.150	0.010	7850.0	1310.322	
Vertical stiffner - stage 2	26*4	1.190	0.150	0.010	7850.0	1457.274	
Vertical stiffner - stage	26*4	0.410	0.150	0.010	7850.0	502.086	
Vertical stiffner - stage	26*4	0.510	0.150	0.010	7850.0	624.546	

Vertical stiffner - stage 5	26*4	0.800	0.150	0.010	7850.0	979.680	
Vertical stiffner - stage 6	26*4	0.435	0.150	0.010	7850.0	532.701	
Full depth stiffner flange - stage 2	5*4	1.000	0.160	0.010	7850.0	251.201	
Full depth stiffner flange - stage 3	5*4	0.315	0.160	0.010	7850.0	79.128	
Full depth stiffner flange - stage 4	5*4	0.415	0.160	0.010	7850.0	104.248	
Full depth stiffner flange - stage 5	5*4	0.530	0.160	0.010	7850.0	133.136	
Splice plate-full depth stiffner flange joint	5*4	0.500	0.160	0.010	7850.0	125.601	
Splice plate-horizontal joint on skin plate	2*4	12.280	0.160	0.010	7850.0	1233.895	
Splice plate-horizontal joint on end girder	4*4	0.490	0.160	0.010	7850.0	98.471	
Splice plates-1-vertical joint on skin plate upstream side	1*4 ther En	2.720 gineeri	0.160 ng Orga	0.010 anisatio	7850.0 NS	136.653	
Splice plates-2-vertical joint on skin plate upstream side	1*4	1.770	0.160	0.010	7850.0	88.925	
Splice plates-3-vertical joint on skin plate on downstream side	1*4	1.070	0.160	0.010	7850.0	53.757	
Splice plates-4-vertical joint on skin plate on downstream side	1*4	1.190	0.160	0.010	7850.0	59.786	
Splice plates-5-vertical joint on skin plate on downstream side	1*4	0.410	0.160	0.010	7850.0	20.599	
Splice plates-6-vertical joint on skin plate on downstream side	1*4	0.510	0.160	0.010	7850.0	25.623	
Splice plates-7-vertical joint on skin plate on downstream side	1*4	0.800	0.160	0.010	7850.0	40.192	

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Splice plates-8-vertica joint on skin plate or downstream side		0.435	0.160	0.010	7850.0	21.855	
Splice plates 4nos h o rizontalgirder langejoint		0.350	0.180	0.012	7850.0	379.815	
Side seal seat	2*4	4.566	0.105	0.020	7850.0	602.165	
Bottom seal clamp	1*4	11.760	0.080	0.010	7850.0	295.412	
Bottom seal guard	1*4	11.760	0.020	0.020	7850.0	147.706	
Shim-guide shoe base	4*4	0.200	0.200	0.004	7850.0	20.097	
Base plate-guide shoe	4*4	0.200	0.200	0.012	7850.0	60.289	
Frame-guide shoe	8*4	0.240	0.068	0.010	7850.0	40.996	
Guide shoe	4*4	0.116	0.042	0.030	7850.0	18.358	
Friction reducer block	4*4	0.150	0.050	0.040	7850.0	37.680	
Bottom block plate	4*4	1.360	0.670	0.012	7850.0	1373.361	
Connecting plate fo	4*4	0.350	0.110	0.010	7850.0	48.356	
Gap maintaining p I a e - 1	t)ther ^{4*4} Er	0.200 Igineeri	0.120 ng Urg	0.010 anisatic	7850.0 NS	30.145	
Gap maintaining p I a	t 4*4	0.110	0.100	0.010	7850.0	13.817	
Rope guard	4*4	0.840	0.110	0.00315	7850.0	36.558	
Gap maintaining p I a e - 3	t 2*4	0.250	0.110	0.010	7850.0	17.270	
Connecting plate fo Bottom block plate-2	2*4	0.200	0.110	0.010	7850.0	13.817	
Pulley shaft fixing plate	8*4	0.180	0.180	0.010	7850.0	81.389	
Bottom block shaf fixing plate	t 4*4	0.180	0.180	0.020	7850.0	81.389	
Lock plate	24*4	0.120	0.050	0.010	7850.0	45.216	
Spacer for pulley	8*4	0.200	0.200	0.008	7850.0	80.385	
Spacer for botton block shaft	2*4	0.180	0.180	0.068	7850.0	138.361	
Bracket for lifting arrangement	4*4	0.950	0.500	0.020	7850.0	1193.200	

	Strengthening plate for bottom of lifting arangement bracket	2*4	1.200	0.550	0.010	7850.0	414.481	
	Stiffner for lifting arrangement-down stream side	4*4	0.950	0.722	0.010	7850.0	861.491	
	Stiffner for lifting a r r a n g e m e n t - u p s t r e a m s i d e	4*4	1.070	0.298	0.010	7850.0	400.489	
	Middle stiffner lifting bracket	2*4	0.650	0.140	0.010	7850.0	57.149	
	Bearingplate- dogging beam	4*4	0.400	0.400	0.012	7850.0	241.153	
	Dogging beam flange	4*4	1.450	0.120	0.016	7850.0	349.671	
	Dogging beam web	4*4	1.450	0.200	0.016	7850.0	582.784	
	Insidestiffner- dogging beam	12*4	0.200	0.088	0.012	7850.0	79.581	
	End stiffner - dogging beam	4*4	0.220	0.100	0.016	7850.0	44.212	
		N	IS ROUND	for REGULA	ATING GAT	E		
	J-type anchor rod Dogging beam - dia16mm rod	ther En	gineeri 0.350	ng Orga	anisatic	ns 1.58	35.392	
	Hook-Dogging beam dia16mm rod	4*4	0.305			1.58	7.711	
					Tota	al Quantity	77098.986	kg
				To	tal Deducte	d Quantity	0.000 kg	
					Net Tota	al Quantity	77098.986	kg
			5	Say 77098.9	986 kg @ Rs	s 6.09 / kg	Rs 469	532.82
8	od81388/2019_2020 Supply and stacking etc.complete dia				_	st of mate	rials, co	onveyance
	Chain	2*4	2.000				16.000	
					Tota	al Quantity	16.000 me	etre
				Тс	otal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	16.000 me	etre
			Say 16	6.000 metre	@ Rs 764.2	27 / metre	Rs 12	228.32

SI No	Description	No	L			CF	Quantity	Remark
	7 E3 -Supplying and	fixing of R	UBBER SE	ALS and RU	JBBER PAI	o for JOINT	OF GATE	
1	85.116 Supplying and fixing in to IS 11855 to the gates conveyance charges co	s including	cost of SS	bolts and nu	ut all labour	and machin		
			В	OTTOM SEA	AL.			
	Bottom seal 90x14	1*4	11.976				47.904	
		RUBBI	ER PAD for I	HORIZONT	AL JOINT o	f GATE		
	Rubber pad 160x3 on skinplate	2*4	12.280				98.240	
	Rubber pad 160x3 on end girder	4*4	0.490				7.840	
		_	53 B	8 24	Tota	al Quantity	153.984 m	netre
		610	W AZ	То	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	153.984 m	netre
2	85.118 Supplying and fixing in	•	osition with	ACC. CONT.	nitial interfa	ce L-type /	bulb nose i	
2		o the gates	osition with including cosciple to somplete	specified ir	nitial interfa olts and nuts	ce L-type / s and all lab	bulb nose i	rubber se
2	Supplying and fixing in confirming to IS11855 to	o the gates	osition with including cosciple to somplete	specified in ost of SS boas per appro	nitial interfa olts and nuts	ce L-type / s and all lab	bulb nose i	rubber se
2	Supplying and fixing in confirming to IS11855 to incidental and conveyar Dia 30x120 width	o the gates	osition with including cos complete a	specified in ost of SS boas per appro	nitial interfa olts and nuts oved specifi	ce L-type / s and all lab	bulb nose i our and mad drawings	rubber se
2	Supplying and fixing in confirming to IS11855 to incidental and conveyar Dia 30x120 width	o the gates	osition with including cos complete a	specified in ost of SS bo as per appro SIDE SEAL	nitial interfa olts and nuts oved specifi	ce L-type /s and all lab cations and	bulb nose i our and mad drawings	rubber sechinery a
2	Supplying and fixing in confirming to IS11855 to incidental and conveyar Dia 30x120 width	o the gates	osition with including cos complete a	specified in ost of SS bo as per appro SIDE SEAL	nitial interfa olts and nuts oved specifi Tota tal Deducte	ce L-type /s and all lab cations and	bulb nose is our and madrawings 37.224 37.224 me	rubber sechinery a
2	Supplying and fixing in confirming to IS11855 to incidental and conveyar Dia 30x120 width	o the gates	osition with including cost complete a 4.653	specified in ost of SS bo as per appro SIDE SEAL	Total Deducte Net Total	ce L-type /s and all lab cations and al Quantity d Quantity	bulb nose is our and madrawings 37.224 37.224 med 0.000 met 37.224 med	rubber sechinery a
2 SI No	Supplying and fixing in confirming to IS11855 to incidental and conveyar Dia 30x120 width	o the gates	osition with including cost complete a 4.653	specified in ost of SS bo as per appro SIDE SEAL	Total Deducte Net Total	ce L-type /s and all lab cations and al Quantity d Quantity	bulb nose is our and madrawings 37.224 37.224 med 0.000 met 37.224 med	etre etre 581.64
	Supplying and fixing in confirming to IS11855 to incidental and conveyar Dia 30x120 width Teflon cladded 'Z' seal Description	o the gates nce charge 2*4	sition with including costs complete a 4.653	specified in ost of SS botas per appro	Tota Net Tota 2 Rs 2675.2	ce L-type / s and all lab cations and al Quantity d Quantity al Quantity 20 / metre	bulb nose is our and made drawings 37.224 37.224 med o.000 met o	rubber se chinery a etre re
	Supplying and fixing in confirming to IS11855 to incidental and conveyar Dia 30x120 width Teflon cladded 'Z' seal Description	No No Supplyi NG CAST Omm tread approved s	Say 37. L STEEL THI width, SS(3)	specified in ost of SS botas per approsing SIDE SEAL To 224 metre (B RUST ROLLI RUST ROLL O4) shaft and s and drawing sand drawing series are series as a series are series as a series are series as a series are ser	Total Deducte Net Tota Rs 2675.2 D ER ASSEMI LER ASSE d 22218E s ngs includin	ce L-type / s and all lab cations and al Quantity d Quantity al Quantity CF BLY MBLY for V elf aligning g cost of all	bulb nose is our and made drawings 37.224 37.224 me 0.000 met 37.224 me Rs 99 Quantity /ERTICAL I spherical ro materials, n	etre etre S81.64 Remark

	Roller	8*4					32.000	
					Tota	al Quantity	32.000 no	
				To	otal Deducte	d Quantity	0.000 no	
					Net Tota	al Quantity	32.000 no	
			Sa	ay 32.000 n	o @ Rs 425	67.73 / no	Rs 136	2167.36
SI No	Description	No	L	В	D	CF	Quantity	Remark
E5 -St	upply of materials, fabric		•			RIDGE, COV	VERS and F	RAMES
		DRIVIN	IG UNITS &	amp; ROPI	E DRUM			
1	85.101		IC 20020~D	ام مان حانم م				
	Supply of MS plates co	ntirming to					jes	
			/699	5920 A	UM COVER			
	Cover -1	2*4	2.460	0.500	0.00315	7850.0	243.319	
	Cover -2	4*4	1.530	0.720	0.00315	7850.0	435.838	
	Inspection window	2*4	0.310	0.210	0.00315	7850.0	12.879	
		15	PLATES fo	r ROPE DR	UM FRAME		1	
	Bracket for rope drum shaft	4*4	0.525	0.400	0.020	7850.0	527.521	
	lock plate for drum shaft	4*4 ther Er	0.290	0.100	0.010	7850.0	36.424	
	Extension plate -1	2*4	1.620	0.060	0.010	7850.0	61.042	
	Extension plate -2	2*4	0.680	0.060	0.010	7850.0	25.623	
	Stiffner-1 Main frame	14*4	0.290	0.140	0.010	7850.0	178.478	
	Stiffner-2 Main frame	6*4	0.290	0.080	0.010	7850.0	43.709	
	Plate for plummer block base-1	8*4	0.080	0.080	0.010	7850.0	16.077	
	Plate for plummer block base-1	8*4	0.080	0.070	0.010	7850.0	14.068	
	Spacer for drum shaft	4*4	0.160	0.160	0.008	7850.0	25.723	
	Middle stiffner for Bracket	4*4	0.110	0.090	0.010	7850.0	12.435	
	Sidestiffnerfo r Bracket	8*4	0.160	0.090	0.010	7850.0	36.173	
			PLATES fo	or DRIVE UI	NIT COVER			
	Side cover for -1	2*4	1.567	0.970	0.00315	7850.0	300.685	
	Side cover for -2	1*4	0.970	0.820	0.00315	7850.0	78.674	

Side cover for -3	1*4	0.820	0.670	0.00315	7850.0	54.342	
Strengthening on cover for m operation shaf	ianual 1*4	0.150	0.150	0.005	7850.0	3.533	
Top cover	1*4	1.735	0.820	0.00315	7850.0	140.720	
Inspection windo	ow 1*4	0.300	0.300	0.00315	7850.0	8.902	
	PL	ATES for RED	UCTION G	EAR BOX FI	RAME		
Reduction gea	ır box 1*4	0.400	0.360	0.010	7850.0	45.216	
Stiffner for Red gear box seat -	4*4	0.090	0.090	0.010	7850.0	10.174	
Stiffner for Red	2*4	0.147	0.100	0.010	7850.0	9.232	
		PLATES	for MOTOF	R FRAME	5		
Motor seat	1*4	0.240	0.190	0.010	7850.0	14.319	
Stiffner for Moto	or seat 2*4	0.065	0.065	0.010	7850.0	2.654	
Stiffner for Moto	or seat 1*4	0.075	0.050	0.010	7850.0	1.178	
	Otherat	ES for ELECT	ROMAGNE	TIC BRAKE	FRAME		
EM brake seat	1*4	0.360	0.140	0.010	7850.0	15.826	
Stiffner for EM seat - outer	brake 4*4	0.065	0.065	0.010	7850.0	5.307	
	PLATES	for PLUMME	R BLOCK S	UPPORT LI	NE SHAFT		
Seat and bas	8*4	0.300	0.150	0.012	7850.0	135.648	
Side plate	4*4	0.356	0.300	0.012	7850.0	160.969	
Stiffner for sea	at and 4*4	0.356	0.128	0.012	7850.0	68.681	
	1	PLATES for	DIAL & DIAL	_ ASSEMBL	Y	1	
Worm reducer s	eat 1*4	0.450	0.300	0.008	7850.0	33.912	
Stiffner-1 for reducer seat	worm 2*4	0.185	0.150	0.008	7850.0	13.942	
Stiffner-2 for reducer seat	worm 1*4	0.170	0.150	0.008	7850.0	6.406	
Shim	1*4	0.165	0.050	0.002	7850.0	0.519	

Plummer block seat	1*4	0.260	0.090	0.010	7850.0	7.348	
Stiffner for bottom of plummer block	2*4	0.100	0.090	0.010	7850.0	5.652	
Sheet	1*4	0.170	0.040	0.00315	7850.0	0.673	
Connecting plate for column to girder	2*4	0.286	0.210	0.010	7850.0	37.718	
		PLA	TES for LAD	DER			
Foundation plate - landing leg	4	0.300	0.200	0.012	7850.0	22.608	
Foundation plate - ladder rail	2	0.400	0.200	0.012	7850.0	15.073	
Stiffner for leg	4	0.150	0.100	0.008	7850.0	3.769	
Top plate of landing leg	4	0.200	0.100	0.012	7850.0	7.537	
Joint plate for top landing to hoisting girder	4	0.200	0.180	0.012	7850.0	13.565	
Anchoring plate for wall support	2	0.400	0.400	0.012	7850.0	30.145	
Top plate for diagonal support	thez En	gio.4001i	ngo.100g	ano.01210	117 850.0	7.537	
		PLATES fo	or HOISTING	G BRIDGE		,	
Hoisting girder fab ISMB - flange	4*4	14.220	0.200	0.016	7850.0	5715.303	
Hoisting girder fab	2*4	14.220	1.200	0.010	7850.0	10716.192	
End ribs on hoisting girder	16*4	1.216	0.220	0.010	7850.0	1344.021	
Bearing plate	4*4	0.450	0.450	0.020	7850.0	508.681	
Temp plate	4*4	0.450	0.450	0.010	7850.0	254.341	
Base plate	4*4	0.450	0.220	0.020	7850.0	248.688	
Ribs -1 for Cross girder ISMC400x100 bott. of hoisting girder inner side	4*4	0.808	0.090	0.010	7850.0	91.337	

Bolting plate hoisting girder web Anchoring plate for foundation rod	th@*4Er	No. Hall	0.200 ng0.150 g	0.008 0.010io	7850.0 n 7850.0 7850.0	80.385 14.130 62.801	
Bolting plate hoisting		No. Help	a gala				
Lock plate Spacer pulley	16*4 8*4	0.120	0.050	0.010	7850.0	30.145	
Pulley shaft fixing plate	8*4	0.200	0.200	0.010	7850.0	100.481	
Bracket for hoisting pulley	4*4	1.591	0.550	0.016	7850.0	1758.501	
Ribs on hoisting girder outer side	30*4	1.200	0.090	0.010	7850.0	1017.360	
Ribs -4 for Cross girder ISMC150x75 bott. of hoisting girder inner side	20*4	1.058	0.090	0.010	7850.0	597.982	
Ribs -3 for Cross girder ISMC200x75 bott. of hoisting girder inner side	2*4	1.008	0.090	0.010	7850.0	56.973	
girder ISMC200x75	8*4 2*4	0.908	0.090	0.010	7850.0 7850.0	205.281	

	M	S SECTION	S for HOIST	TING BRIDG	 BE		
Cross girder-1 ISMC 400x100	2*4	1.990			49.4	786.448	
Cross girder-2 ISMC 300x90	4*4	1.990			35.8	1139.872	
Cross girder-3 ISMC 200x75	4*4	0.920			22.1	325.312	
Cross girder-4 ISMC 200x75	2*4	0.929			22.1	164.248	
Cross girder-5 ISMC 150x75	8*4	1.990			16.4	1044.352	
Cross girder-6 ISMC 150x75	4*4	0.924	A	<i>-</i>	16.4	242.458	
Cleat-Cross girder bottom of hoisting girder inner side ISA100x100x8	34*4	0.150		13	12.1	246.840	
Crossgirder- Extension platform iSMC 150x75	14*4	0.595			16.4	546.448	
T o e g u a r d I S A 6 5 x 6 5 x 6	ther ₄ En	914.600ri	ng Orga	anisatio	ns _{5.8}	649.600	
Toe guard side ISA 65x65x6	1*4	2.200			5.8	51.040	
Hand rail post ISA 50x50x6	31*4	1.250			4.5	697.500	
Hand rail bottom 50x8mm flat	2*4	13.500	0.050	0.008	7850.0	339.120	
Hand rail bottom side 50x8mm flat	1	1.550	0.050	0.008	7850.0	4.868	
Handrailfixing extension platform ISA 75x75x8	17*4	0.150			8.9	90.780	
Inclined support - extension platform ISA 75x75x8	14*4	0.720			8.9	358.848	
Cross girder bottom ISMC 150x75	5*4	1.990			16.4	652.720	
		MS SEC	TIONS for L	ADDER			

	Ladder rail bottom ISMC 200x75	2	3.610			22.1	159.562	
	Bottom landing frame- 1 ISMC 200x75	5	1.000			22.1	110.500	
	Bottom landing frame- 2 ISMC 200x75	2	3.000			22.1	132.601	
	Leg for bottom landing ISMC 150x75	4	2.350			16.4	154.160	
	Bracing-11SA7 5x75x8	2	2.000			8.9	35.600	
	Bracing-21SA7 5x75x8	2	0.700	.a		8.9	12.460	
	Cleat ISA 75x75x8	8	0.180	100		8.9	12.816	
	Ladder rail top ISMC 200x75	2	3.450	ł Ż		22.1	152.490	
	Top landing frame-1 ISMC 200x75	2	1.500		138	22.1	66.301	
	Top landing frame-2 ISMC 200x75	2	2.200			22.1	97.241	
	Wall support ISMC 150x75	the ? En	gi 2.120 ri	ng Orga	anisatio	ns ^{16.4}	69.536	
	Step frame-1 ISA 40x40x6	50	1.350		F	3.5	236.250	
	Step frame-2 ISA 40x40x6	50	0.300			3.5	52.500	
	Hand rail post-1 ISA 65x65x6	19	1.100			5.8	121.221	
	Hand rail post-2 ISA 65x65x6	3	1.150			5.8	20.010	
	Handrail bottom MS flat 50x8	1	23.600	0.050	0.008	7850.0	74.105	
	Gate frame vertical ISA 40x40x6	2	0.390			3.5	2.730	
	Gate frame horizontal ISA 40x40x6	2	1.060			3.5	7.420	
		MS S	SECTIONS	for DIAL & D	DIAL ASSEM	IBLY		
	Column ISMC 100x50	2*4	0.950			9.2	69.920	
Į	Column ISMC 100x50	2^4	0.950			9.2	69.920	

+							
Dial holding ISA 50x50x6	2*4	0.050			4.5	1.800	
	MS SECTIO	ONS for ELE	CTROMAG	NETIC BRA	KE FRAME		
Support for EM brake seat ISA75x75x8	2*4	0.700			8.9	49.840	
		MS SECTIO	NS for MOT	OR FRAME			
Support for Motor seat ISA 75x75x8	2*4	0.700			8.9	49.840	
	MS SEC	TIONS for F	REDUCTION	GEAR BOX	FRAME		
Support for reduction gearboxseatIS A100x100x8	2*4	0.700	ı.si		12.1	67.760	
	MS	SECTION	S for DRIVE	UNIT COVI	ER		
Bottom frame-1 ISA 35x35x6	2*4	0.840	37		3.0	20.160	
Bottom frame-2 ISA 35x35x6	2*4	1.000			3.0	24.000	
Bottom frame-3 ISA 35x35x6	2*4	0.275			3.0	6.601	
Side frame-1 ISA 35x35x6	ther4En	gi0.99411	ng Orga	anisatio	ns 3.0	23.856	
Top frame outer-1 ISA 35x35x6	2*4	2.400			3.0	57.600	
Top frame outer-2 ISA 35x35x6	2*4	0.840			3.0	20.160	
Top frame inner ISA 35x35x6	3*4	0.770			3.0	27.720	
Side frame-2 ISA 35x35x6	2*4	0.700			3.0	16.800	
Inspection window hinge frame ISA 35x35x6	1*4	0.800			3.0	9.601	
	M	S SECTION	for ROPE D	RUM FRAN	ЛE		
Main frame-1 ISMC 300x90	2*4	1.620			35.8	463.968	
Main frame-2 ISMC 300x90	2*4	0.920			35.8	263.488	

Main frame-3 ISMC 300x90	2*4	0.940			35.8	269.216	
Main frame-4 ISMC 300x90	2*4	0.670			35.8	191.888	
Main frame-5 ISMC 300x90	2*4	0.762			35.8	218.237	
Main frame-6 ISMC 300x90	2*4	0.250			35.8	71.600	
Plummer block base-1 ISA 90x90x10	4*4	0.300			13.4	64.320	
Plummer block base-2 ISA 90x90x10	4*4	0.280	.a		13.4	60.033	
	MS	SECTIONS	6 for ROPE	DRUM COV	ER		
T o p f r a m e I S A 3 5 x 3 5 x 5	4*4	2.440	ł V		2.6	101.504	
Bottom frame-1 ISA 35x35x5	4*4	0.550		138	2.6	22.881	
Bottom frame-2 ISA 35x35x5	2*4	0.883			2.6	18.367	
Bottom frame-3 ISA 35x35x5	the ^t en	gi0.073ri	ng Orga	anisatio	ns ^{2.6}	3.037	
Bottom frame-4 ISA 35x35x5	2*4	0.245		F	2.6	5.096	
Bottom frame-5 ISA 35x35x5	2*4	0.128			2.6	2.663	
Top frame inner ISA 35x35x5	14*4	0.480			2.6	69.888	
Round edge frame-1 5mm flat	4*4	1.060	0.050	0.005	7850.0	33.285	
Round edge frame-2 5mm flat	2*4	1.110	0.050	0.005	7850.0	17.428	
	MS	S SECTION	S for DRIVE	UNIT FRAM	 ИЕ		
Main frame-1 ISMC 150x75	2*4	1.665			16.4	218.448	
Main frame-2 ISMC 150x75	2*4	0.700			16.4	91.840	
	MS SECTI	ONS for MA	NUAL OPE	RATING ME	CHANISM		

				1				1
	Sleeve bearing seat ISMC 150x75	1*4	0.700			16.4	45.920	
	Column ISA 75x75x8	4*4	0.900			8.9	128.160	
	Sprocket base top-1 ISA 75x75x8	2*4	0.400			8.9	28.481	
	Sprocket base top-2 ISA 75x75x8	2*4	0.500			8.9	35.600	
	Plummer block base bottom ISMC 150x75	1*4	0.250			16.4	16.400	
					Tota	al Quantity	11745.363	kg
				To	tal Deducte	d Quantity	0.000 kg	
			/At	165	Net Tota	al Quantity	11745.363	kg
			S	ay 11745.36	3 kg @ Rs	66.13 / kg	Rs 776	6720.86
3	85.107 Supply of MS round bar	including	4.12.10	2/24R r 1	775			
		1/5	MS ROU	ND BARS for	r LADDER	L	Τ	
	J type Anchor rod - 16mm MS rod	24	0.310			1.58	11.756	
		MS	ROUND BA	RS for ROPE	DRUM CC	VER		
	Lifting Hook-1-16mm MS rod	ther Er	1g1neer1 0.300	ng Orga	anisatio	ns 1.58	7.584	
	Lifting Hook-2-16mm MS rod	2*4	0.400			1.58	5.057	
	Lifting Hook-3-16mm MS rod	2*4	0.280			1.58	3.540	
			MS ROUNI	D BARS for D	ORIVE UNIT			
	Lifting Hook-12mm MS rod	2*4	0.300			0.89	2.136	
		MS	ROUND BA	ARS for HOI	STING BRID	OGE		
	Foundation Rod- 25mm MS rod	20*4	0.750			3.85	231.000	
					Tota	al Quantity	261.073 k	g
				To	tal Deducte	d Quantity	0.000 kg	
		261.073 k	g					
				Say 261.07	′3 kg @ Rs (64.18 / kg	Rs 16	755.67
4	85.103							

	Supply of MS checquere	ea piates ir	iciuaing cost	oi conveya	ance charges	i				
		CHE	QUERED PL	ATE for HO	DISTING BR	IDGE	1	T		
	Hoisting platforrm-1- 6mm Chequered S h e e t	2*4	3.150	1.900		49.2	2355.696			
	Hoisting platforrm-2- 6mm Chequered S h e e t	4*4	1.600	0.850		49.2	1070.592			
	Hoisting platforrm-3- 6mm Chequered S h e e t	2*4	0.850	0.630		49.2	210.773			
	Hoisting platforrm-4- 6mm Chequered S h e e t	1*4	1.900	0.990		49.2	370.181			
	Hoisting platforrm-5- 6mm Chequered S h e e t	1*4	1.900	0.760	D	49.2	284.180			
	Hoisting extension p I a t f o r m - 6 m m Chequered Sheet	1*4	14.000	0.385		49.2	1060.753			
		ther Er	CHEQUER	ED PLATE	for LADDER	10.0				
	Landing Platform- B o t t o m - 6 m m Chequered Sheet		3.000	1.000		49.2	147.601			
	Landing Platform-Top - 6mm Chequered Sheet	1	2.200	1.500		49.2	162.360			
	Step-6mm Chequered Sheet	25	1.350	0.300		49.2	498.151			
	Gate-6mm Chequered Sheet	1	1.390	1.060		49.2	72.492			
					Tota	l Quantity	6232.779	kg		
				To	otal Deducte	d Quantity	0.000 kg			
					Net Tota	l Quantity	6232.779	kg		
			5	Rs 457	7049.68					
5	od81439/2019_2020 Supply of G.I. pipes 32	mm dia								
	HAND RAILS for LADDER									

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	Hand rails (top)-32mm NB GI Pipe	1	23.600				23.600	
			HAND RAI	ILS for HOIS	T BRIDGE			
	Hand rails -32mm NB GI Pipe	2*4	15.050				120.400	
	Handrails - (side)32mm NB GI Pipe	1	4.150				4.150	
					Tota	al Quantity	148.150 n	netre
				To	otal Deducte	d Quantity	0.000 met	re
			- 52	-	Net Tota	al Quantity	148.150 n	netre
			Say 14	8.150 metre	@ Rs 220.7	73 / metre	Rs 32	701.15
6	od81440/2019_2020 Supply of MS Bolts and Nuts							
		11	Bolt and	nut for Hois	st Bridge			
	M 1 6 X 3 5 I e n t h Hexagonal Bolt with nut and washer(Pulley Lock plate)	4*32				0.12	14.720	
	M 1 6 X 3 5 I e n t h Hexagonal Bolt with nut and washer(Hand rail fixing)	4*90	gineeri	ng Orga	anisatio	ns 0.12	41.400	
	M 1 6 X 5 0 I e n t h Hexagonal Bolt with n u t a n d washer(Hoisting girder web joint)	4*4				0.14	2.176	
	M 1 0 X 6 0 l e n t h Hexagonal Bolt with nut and washer(For Motor and EM brake)	4*8				0.06	1.824	
	M24X160 length Hexagonal Bolt with nut and washer(For Reduction gear box)	4*4				0.77	12.320	

M 1 2 X 6 5 le n g t h Hexagonal Bolt with nut and washer(For manual operation plummer block)	4*6				0.86	20.640	
M20X100 length Hexagonal Bolt with nut and washer(For drive unit main frame)	4*12				0.36	17.136	
M 2 5 N u t (Forfoundationrod)	32*3*4				0.13	48.000	
		Bolt and N	lut for Drive	Unit cover			
M 1 2 X 6 0 I e n g t h Hexagonal Bolt with nut and washer(For cover)	4*20			7	0.08	6.561	
		Bolt and N	ut for Rope	Drum Assy			
M 1 6 X 3 5 I e n g t h Hexagonal Screw with washer(For Rope drum shaft lock plate)	32*4				0.12	14.720	
M16X100 length Hexagonal Bolt with nut and washer(For plummer block for pinion gear)	16*4	gineeri	ng Orga	anisatio E	ns 0.22	13.760	
M20X100 length Hexagonal Bolt with nut and washer(For rope drum frame)	20*4				0.36	28.560	
		Bolt and Nu	ut for Rope o	drum Cover			
M 8 X 2 0 l e n g t h Hexagonal Screw (For Inspection window cover)	16*4				0.02	1.088	
M 1 2 X 4 0 I e n g t h Hexagonal Bolt with nut and washer (For rope drum cover frame)	32*4				0.06	8.192	
		Bolt and	Nut for Bott	om Block			

		1	1	1	I	1	1			
M16X35 Hexogonal Screw with washer (Lock plate)					0.12	22.081				
	В	olt & Nut for	Line shaft p	olummer blo	ck					
M16x100mm length Hexogonal Bolt with nut and washer					0.22	6.880				
				Tota	al Quantity	260.058 k	g			
			To	otal Deducte	d Quantity	0.000 kg				
				Net Tota	al Quantity	260.058 k	g			
		5.2	Say 260.05	58 kg @ Rs	77.77 / kg	Rs 20	224.71			
Fabrication and supply of Hoisting bridge unit in structural steel confirming to IS2062Gr including ladd covers for hoisting unit etc as per approved specifications, drawings and directions of deptl officer at s including cost of labour, machinery, incidental and handling charges for fixing handrails and allied wor etc complete but excluding material already supplied and weight of pipes for hand rails etc										
	1/51	PLA	TES for LAD	DER	1					
Foundation plate - landing leg	4	0.300	0.200	0.012	7850.0	22.608				
Foundation plate - ladder rail	the ? En	gi 0.400 ri	ng ^{0.200} g	an <mark>9.912</mark> ic	n 3 850.0	15.073				
Stiffner for leg	4	0.150	0.100	0.008	7850.0	3.769				
Top plate of landing leg	4	0.200	0.100	0.012	7850.0	7.537				
Joint plate for top landing to hoisting girder		0.200	0.180	0.012	7850.0	13.565				
Anchoring plate for wall support	2	0.400	0.400	0.012	7850.0	30.145				
Top plate for diagonal support	2	0.400	0.100	0.012	7850.0	7.537				
	F	PLATES for	DIAL & DIAL	_ ASSEMBL	Υ					
 Worm reducer seat	1*4	0.450	0.300	0.008	7850.0	33.912				
 Stiffner-1 for worm reducer seat	2*4	0.185	0.150	0.008	7850.0	13.942				
Stiffner-2 for worm reducer seat	1*4	0.170	0.150	0.008	7850.0	6.406				
Shim	1*4	0.165	0.050	0.002	7850.0	0.519				

		T		1		T	
Plummer block seat	1*4	0.260	0.090	0.010	7850.0	7.348	
Stiffner for bottom of plummer block	2*4	0.100	0.090	0.010	7850.0	5.652	
Sheet	1*4	0.170	0.040	0.00315	7850.0	0.673	
Connecting plate for column to girder	2*4	0.286	0.210	0.010	7850.0	37.718	
	PLATES fo	r PLUMMER	R BLOCK S	UPPORT LI	NE SHAFT		
Seat and base for Plummer block	8*4	0.300	0.150	0.012	7850.0	135.648	
Side plate	4*4	0.356	0.300	0.012	7850.0	160.969	
Stiffner for seat and base	4*4	0.356	0.128	0.012	7850.0	68.681	
		PLATES fo	or HOISTIN	G BRIDGE			
Hoisting girder fab ISMB - flange	4*4	14.220	0.200	0.016	7850.0	5715.303	
Hoisting girder fab ISMB - web	2*4	14.220	1.200	0.010	7850.0	10716.192	
End ribs on hoisting girder	16*4	1.216	0.220	0.010	7850.0	1344.021	
Bearing plate	th e r4En	g10:45011	ngo.450 g	ano.02010	117 850.0	508.681	
Temp plate	4*4	0.450	0.450	0.010	7850.0	254.341	
Base plate	4*4	0.450	0.220	0.020	7850.0	248.688	
Ribs -1 for Cross girder ISMC400x100 bott. of hoisting girder inner side	4*4	0.808	0.090	0.010	7850.0	91.337	
Ribs -2 for Cross girder ISMC300x90 bott. of hoisting girder inner side	8*4	0.908	0.090	0.010	7850.0	205.281	
Ribs -3 for Cross girder ISMC200x75 bott. of hoisting girder inner side	2*4	1.008	0.090	0.010	7850.0	56.973	
Ribs -4 for Cross girder ISMC150x75 bott. of hoisting girder inner side	20*4	1.058	0.090	0.010	7850.0	597.982	

	on hoisting girder r side	30*4	1.200	0.090	0.010	7850.0	1017.360	
Brac pulle	eket for hoisting	4*4	1.591	0.550	0.016	7850.0	1758.501	
Pull plat	ey shaft fixing e	8*4	0.200	0.200	0.010	7850.0	100.481	
Lock	plate	16*4	0.120	0.050	0.010	7850.0	30.145	
Space	er pulley	8*4	0.200	0.200	0.008	7850.0	80.385	
	ng plate hoisting er web	2*4	0.150	0.150	0.010	7850.0	14.130	
	noring plate for dation rod	24*4	0.100	0.100	0.010	7850.0	75.361	
Hand	drail fixing plate	14*4	0.250	0.180	0.010	7850.0	197.820	
'	ce plate on web noisting girder	8*4	1.200	0.600	0.010	7850.0	1808.640	
'	e plate on flange oisting girder	4*4	0.500	0.180	0.012	7850.0	135.648	
on o	ngthening plate cross girder for ing wire rope	2*4	0.280	0.250	0.012	7850.0	52.753	
	O	ther Er	gineeri For ELECT	ROMAGNE	TIC BRAKE	NS FRAME		
EM k	orake seat	1*4	0.350	0.140	0.010	7850.0	15.386	
	ner for EM brake	4*4	0.065	0.065	0.010	7850.0	5.307	
			PLATES	for MOTOR	R FRAME			
Moto	r seat	1*4	0.240	0.190	0.010	7850.0	14.319	
Stiffr - out	ner for Motor seat er	2*4	0.065	0.065	0.010	7850.0	2.654	
Stiffr - inn	ner for Motor seat er	1*4	0.075	0.050	0.010	7850.0	1.178	
		PLAT	ES for RED	UCTION GE	EAR BOX FI	RAME		
Red seat	uction gear box	1*4	0.400	0.360	0.010	7850.0	45.216	
	ner for Reduction box seat - outer	4*4	0.090	0.090	0.010	7850.0	10.174	
	ner for Reduction box seat - inner	2*4	0.147	0.100	0.010	7850.0	9.232	

		PLATES fo	r DRIVE UI	NIT COVER		
Side cover for -1	2*4	1.567	0.970	0.00315	7850.0	300.685
Side cover for -2	1*4	0.970	0.820	0.00315	7850.0	78.674
Side cover for -3	1*4	0.820	0.670	0.00315	7850.0	54.342
Strengthening plate on cover for manual operation shaft	1*4	0.150	0.150	0.005	7850.0	3.533
Top cover	1*4	1.735	0.820	0.00315	7850.0	140.720
Inspection window	1*4	0.300	0.300	0.00315	7850.0	8.902
		PLATES fo	r ROPE DR	UM FRAME		
Bracket for rope drum shaft	4*4	0.525	0.400	0.020	7850.0	527.521
lock plate for drum shaft	4*4	0.290	0.100	0.010	7850.0	36.424
Extension plate -1	2*4	1.620	0.060	0.010	7850.0	61.042
Extension plate -2	2*4	0.680	0.060	0.010	7850.0	25.623
Stiffner-1 Main frame	14*4	0.290	0.140	0.010	7850.0	178.478
Stiffner-2 Main frame	6*4	0.290	0.080	0.010	7850.0	43.709
Plate for plummer block base-1	ther ₄ E1	gi _{0.086} ri	ng _{0.080} g	anisatio	n 5 850.0	16.077
Plate for plummer block base-1	8*4	0.080	0.070	0.010	7850.0	14.068
Spacer for drum shaft	4*4	0.160	0.160	0.008	7850.0	25.723
Middle stiffner for Bracket	4*4	0.110	0.090	0.010	7850.0	12.435
Sidestiffnerfo r Bracket	8*4	0.160	0.090	0.010	7850.0	36.173
		PLATES fo	r ROPE DR	UM COVER		
Cover -1	2*4	2.460	0.500	0.00315	7850.0	243.319
Cover -2	4*4	1.530	0.720	0.00315	7850.0	435.838
Inspection window	2*4	0.310	0.210	0.00315	7850.0	12.879
		CHEQUER	ED PLATE	for LADDER		
Landing Platform- B o t t o m - 6 m m	1	3.000	1.000		49.2	147.601

m Chequered	1	2.200	1.500		49.2	162.360	
	25	1.350	0.300		49.2	498.151	
•	1	1.390	1.060		49.2	72.492	
	CHE	QUERED PL	_ATE for HC	DISTING BR	IDGE		
= :	2*4	3.150	1.900		49.2	2355.696	
• .	4*4	1.600	0.850		49.2	1070.592	
	2*4	0.850	0.630		49.2	210.773	
	1*4	1.900	0.990		49.2	370.181	
	ther ₄ En	gineeri	ng _{0.760} g	anisatio	ns _{49.2}	284.180	
orm-6mm	1*4	14.000	0.385		49.2	1060.753	
	MS	ROUND BA	RS for HOI	STING BRID	OGE		
	24*4	0.750			3.85	277.200	
		MS ROUND	BARS for I	ORIVE UNIT	-		
-	2*4	0.300			0.89	2.136	
	MS F	ROUND BAF	RS for ROPI	E DRUM CC	VER		
	4*4	0.300			1.58	7.584	
	2*4	0.400			1.58	5.057	
	2*4	0.280			1.58	3.540	
	6mm Chequered 6mm Chequered 6mm Chequered 6mg platforrm-1- Chequered S h 6mg platforrm-2- Chequered S h 6mg platforrm-3- Chequered S h 6mg platforrm-3- Chequered S h	m Chequered t form Chequered 25 form Chequered 1 CHECO Ing platforrm-1- Chequered S h 2*4 Ing platforrm-2- Chequered S h 2*4 Ing platforrm-3- Chequered S h 1*4 Ing platforrm-4- Chequered S h 1*4 Ing platforrm-5- Chequered S h 1*4 Ing platforrm-5- Chequered S h 1*4 Ing platforrm-5- Chequered S h 1*4 Ing platforrm-6- Ing platforrm-1- I	m Chequered t 2.200 t	m Chequered t 2.200 1.500 t	m Chequered t 2.200 1.500 t	## Chequered to the common Chequered to the common Chequered 25 1.350 0.300 49.2	Marchequered 1

		MC DOUR		* I ADDED			
		MS ROUI	ND BARS fo	r LADDER			
J type Anchor 16mm MS rod	rod - 24	0.310			1.58	11.756	
	MS SECT	IONS for MA	NUAL OPE	RATING ME	CHANISM		
Sleeve bearing ISMC 150x75	seat 1*4	0.700			16.4	45.920	
Column ISA 75x	75x8 4*4	0.900			8.9	128.160	
Sprocket base ISA 75x75x8	top-1 2*4	0.400			8.9	28.481	
Sprocket base ISA 75x75x8	top-2 2*4	0.500			8.9	35.600	
Plummer block bottom ISMC 1	1*4	0.250			16.4	16.400	
	N	IS SECTION	S for DRIVE	UNIT FRAI	ME		
Main frame-1 150x75	ISMC 2*4	1.665	DA	1	16.4	218.448	
Main frame-2 150x75	ISMC 2*4	0.700			16.4	91.840	
	М	S SECTIONS	S for ROPE	DRUM COV	'ER		
T o p f r a m e I 5 x 3 5 x 5	s a3 ther E	ngineeri 2.440	ng Org	anisatio	ns _{2.6}	101.504	
Bottom frame- 35x35x5	1 ISA 4*4	0.550		Ĺ	2.6	22.881	
Bottom frame-	2 ISA 2*4	0.883			2.6	18.367	
Bottom frame- 35x35x5	3 ISA 4*4	0.0730			2.6	3.037	
Bottom frame- 35x35x5	4 ISA 2*4	0.245			2.6	5.096	
Bottom frame- 35x35x5	5 ISA 2*4	0.128			2.6	2.663	
Top frame inne 35x35x5	er ISA 14*4	0.480			2.6	69.888	
Round edge fra 5mm flat	ame-1 4*4	1.060	0.050	0.005	7850.0	33.285	
Round edge fra 5mm flat	ame-2 2*4	1.110	0.050	0.005	7850.0	17.428	

	M	S SECTION	for ROPE [ORUM FRAN	ИE		
Main frame-1 ISMC 300x90	2*4	1.620			35.8	463.968	
Main frame-2 ISMC 300x90	2*4	0.920			35.8	263.488	
Main frame-3 ISMC 300x90	2*4	0.940			35.8	269.216	
Main frame-4 ISMC 300x90	2*4	0.670			35.8	191.888	
Main frame-5 ISMC 300x90	2*4	0.762			35.8	218.237	
Main frame-6 ISMC 300x90	2*4	0.250			35.8	71.600	
Plummer block base-1 ISA 90x90x10	4*4	0.300	N. S.	1	13.4	64.320	
Plummer block base-2 ISA 90x90x10	4*4	0.280		Tà	13.4	60.033	
	MS	SECTION	S for DRIVE	UNIT COVE	ER		
Bottom frame-1 ISA 35x35x6	2*4	0.840	a sale		3.0	20.160	
Bottom frame-2 ISA 35x35x6	ther En	1.000	ng Orga	anisatio	ns 3.0	24.000	
Bottom frame-3 ISA 35x35x6	2*4	0.275			3.0	6.601	
Side frame-1 ISA 35x35x6	2*4	0.994			3.0	23.856	
Top frame outer-1 ISA 35x35x6	2*4	2.400			3.0	57.600	
Top frame outer-2 ISA 35x35x6	2*4	0.840			3.0	20.160	
Top frame inner ISA 35x35x6	3*4	0.770			3.0	27.720	
Side frame-2 ISA 35x35x6	2*4	0.700			3.0	16.800	
Inspection window hinge frame ISA 35x35x6	1*4	0.800			3.0	9.601	
	MS SEC	TIONS for R	EDUCTION	GEAR BOX	(FRAME		

Support for reduction gearboxseatIS A 1 0 0 x 1 0 0 x 8	2*4	0.700			12.1	67.760	
		MS SECTIO	NS for MO	TOR FRAME			
Support for Motor seat ISA 75x75x8	2*4	0.700			8.9	49.840	
	MS SECTION	ONS for ELE	CTROMAG	NETIC BRA	KE FRAME		
Support for EM brake seat ISA75x75x8	2*4	0.700			8.9	49.840	
	MS	SECTIONS	for DIAL & D	DIAL ASSEM	IBLY		
Column ISMC 100x50	2*4	0.950	Sec.		9.2	69.920	
Dial holding ISA 50x50x6	2*4	0.050			4.5	1.800	
	1	MS SEC	CTIONS for I	LADDER			
Ladder rail bottom ISMC 200x75	2	3.610	DA	4	22.1	159.562	
Bottom landing frame- 1 ISMC 200x75	5	1.000			22.1	110.500	
Bottom landing frame- 2 ISMC 200x75	2 ther En	3.000 gineeri	ng Org	anisatio	22.1 11.S	132.601	
Leg for bottom landing ISMC 150x75		2.350			16.4	154.160	
Bracing-11SA7 5x75x8	2	2.000			8.9	35.600	
Bracing-21SA7 5x75x8	2	0.700			8.9	12.460	
Cleat ISA 75x75x8	8	0.180			8.9	12.816	
Ladder rail top ISMC 200x75	2	3.450			22.1	152.490	
Top landing frame-1 ISMC 200x75	2	1.500			22.1	66.301	
Top landing frame-2 ISMC 200x75	2	2.200			22.1	97.241	
Wall support ISMC 150x75	2	2.120			16.4	69.536	
Step frame-1 ISA 40x40x6	50	1.350			3.5	236.250	

Step frame-2 ISA 40x40x6	50	0.300			3.5	52.500	
Hand rail post-1 ISA 65x65x6	19	1.100			5.8	121.221	
Hand rail post-2 ISA 65x65x6	3	1.150			5.8	20.010	
Handrail bottom MS flat 50x8	1	23.600	0.050	0.008	7850.0	74.105	
Gate frame vertical ISA 40x40x6	2	0.390			3.5	2.730	
Gate frame horizontal ISA 40x40x6	2	1.060	.a		3.5	7.420	
	М	S SECTION	S for HOIS	TING BRIDG	SE		
Cross girder-1 ISMC 400x100	2*4	1.990	N. S.	TO	49.4	786.448	
Cross girder-2 ISMC 300x90	4*4	1.990		130	35.8	1139.872	
Cross girder-3 ISMC 200x75	4*4	0.920			22.1	325.312	
Cross girder-4 ISMC 200x75	th & *4En	gi 0.929 ri	ng Orga	anisatio	ns ^{22.1}	164.248	
Cross girder-5 ISMC 150x75	8*4	1.990		F	16.4	1044.352	
Cross girder-6 ISMC 150x75	4*4	0.924			16.4	242.458	
Cleat-Cross girder bottom of hoisting girder inner side ISA100x100x8	34*4	0.150			12.1	246.840	
Crossgirder- Extension platform iSMC 150x75	14*4	0.595			16.4	546.448	
T o e g u a r d I S A 6 5 x 6 5 x 6	2*4	14.000			5.8	649.600	
Toe guard side ISA 65x65x6	1*4	2.200			5.8	51.040	
Hand rail post ISA 50x50x6	31*4	1.250			4.5	697.500	
	Hand rail post-1 ISA 65x65x6 Hand rail post-2 ISA 65x65x6 Handrail bottom MS flat 50x8 Gate frame vertical ISA 40x40x6 Gate frame horizontal ISA 40x40x6 Cross girder-1 ISMC 400x100 Cross girder-2 ISMC 300x90 Cross girder-3 ISMC 200x75 Cross girder-4 ISMC 200x75 Cross girder-5 ISMC 150x75 Cross girder-6 ISMC 150x75 Cleat-Cross girder bottom of hoisting girder inner side ISA100x100x8 Cross girder-6 ISMC 150x75 Toeguard ISA 65x65x6 Toe guard ISA 65x65x6 Hand rail post ISA	Hand rail post-1 ISA 65x65x6 Hand rail post-2 ISA 65x65x6 Handrail bottom MS flat 50x8 Gate frame vertical ISA 40x40x6 Gate frame horizontal ISA 40x40x6 Cross girder-1 ISMC 400x100 Cross girder-2 ISMC 300x90 Cross girder-3 ISMC 2*4 Cross girder-4 ISMC 200x75 Cross girder-5 ISMC 150x75 Cross girder-6 ISMC 150x75 Cleat-Cross girder bottom of hoisting girder inner side ISA100x100x8 Cross gird er- Extension platform iSMC 150x75 Toeguard side ISA 65x65x6 Hand rail post ISA 3*4	### 40x40x6 ### 4	### 40x40x6 ### 40x40x6 ### 40x40x6 ### 50 ### 50 ### 50 ### 50x65x6 ### 1.100 #	40x40x6 Hand rail post-1 ISA 65x65x6 Hand rail post-2 ISA 65x65x6 Handrail bottom MS flat 50x8 Gate frame vertical ISA 40x40x6 Gate frame horizontal ISA 40x40x6 Cross girder-1 ISMC 400x100 Cross girder-2 ISMC 300x90 Cross girder-3 ISMC 200x75 Cross girder-5 ISMC 4*4 Cross girder-5 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder-6 ISMC 4*4 Cross girder inner side ISA100x100x8 Cross girder inner side ISA100x100x8 Cross girder inner side ISA100x100x8 Cross girder inner side ISA10x100x100x8 Cross girder inner side ISA10x100x100x100x100x100x100x100x100x100x	40x40x6	40x40x6

	Hand rail bottom	2*4	13.500	0.050	0.008	7850.0	339.120		
	Hand rail bottom side 50x8mm flat	1	1.550	0.050	0.008	7850.0	4.868		
	Handrailfixing extension platform ISA 75x75x8	17*4	0.150			8.9	90.780		
	Inclined support - extension platform ISA 75x75x8	14*4	0.720			8.9	358.848		
	Cross girder bottom ISMC 150x75	5*4	1.990			16.4	652.720		
			JAM	1/6	Tot	al Quantity	46226.771	kg	
		0	E. J. W	To	otal Deducte	d Quantity	0.000 kg		
		1	X 3	K W	Net Tot	al Quantity	46226.771	kg	
		Say 46226.771 kg @ Rs 58.93 / kg							
8	od81443/2019_2020 Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di	blasted ar ges, cost o	nd cleaned soft testing all p	urface to cla	ass A standa terials, all i	ard of IS 14 ncidental ch	177 including narges, hire	g cost o	
8	Painting all the expose 1477:1994 over the grit	blasted ar ges, cost o	nd cleaned soft testing all p	urface to cla painting ma l officer at	ass A stand terials, all i site. En	ard of IS 14 ncidental ch amel Paint	177 including narges, hire	g cost o of T&P	
8	Painting all the expose 1477:1994 over the grit materials, labour charg	blasted ar ges, cost o	nd cleaned s f testing all p departmenta	urface to cla painting ma l officer at	ass A stand terials, all i site. En	ard of IS 14 ncidental ch amel Paint	177 including narges, hire	g cost o	
8	Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di	blasted arges, cost o	nd cleaned so f testing all p departmenta PLATES for	urface to classification of the control of the cont	ass A stand terials, all i site. En	ard of IS 14 ncidental ch amel Paint	177 including narges, hire with Grit Bla	g cost o of T&P	
8	Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di	blasted arges, cost of rection of c	nd cleaned soft testing all placed partments PLATES for 2.460	urface to classification of the control of the cont	ass A stand terials, all i site. En	ard of IS 14 ncidental ch amel Paint 2.0	177 including narges, hire with Grit Bla	g cost o	
8	Painting all the expose 1477:1994 over the grit materials, labour charge complete as per the discover -1 Cover -1 Cover -2	blasted arges, cost of rection of costs 2*4	rid cleaned sift testing all properties of the department of the d	urface to classical and continuous of the contin	ass A standaterials, all isite.⊲br>En	ard of IS 14 ncidental chamel Paint 2.0 2.0 2.0	177 including arges, hire with Grit Black 19.680	g cost o	
8	Painting all the expose 1477:1994 over the grit materials, labour charge complete as per the discover -1 Cover -1 Cover -2	blasted arges, cost of rection of costs 2*4	rid cleaned sift testing all places of testi	urface to classical and continuous of the contin	ass A standaterials, all isite.⊲br>En	ard of IS 14 ncidental chamel Paint 2.0 2.0 2.0	177 including arges, hire with Grit Black 19.680	g cost o of T&P	
8	Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di Cover -1 Cover -2 Inspection window Bracket for rope drum	blasted arges, cost of rection of costs	rid cleaned sift testing all properties of the street of t	urface to classical painting mand officer at 1 0.500 0.720 0.210	ass A standaterials, all isite.⊲br>En	ard of IS 14 ncidental chamel Paint 2.0 2.0 2.0	177 including arges, hire with Grit Black 19.680 35.252 1.042	g cost o of T&P	
8	Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di Cover -1 Cover -2 Inspection window Bracket for rope drum shaft lock plate for drum	blasted arges, cost of rection of cost	planed sift testing all planed	urface to classical painting mail officer at 1 0.500 0.720 0.210 r ROPE DRI 0.400	ass A standaterials, all isite.⊲br>En	2.0 2.0 2.0	177 including arges, hire with Grit Black 19.680 35.252 1.042 6.721	g cost o	
8	Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di Cover -1 Cover -2 Inspection window Bracket for rope drum shaft lock plate for drum shaft	blasted arges, cost of rection of correction	rid cleaned sift testing all production of t	urface to classical painting mail officer at 1 0.500 0.720 0.210 r ROPE DRI 0.400 0.100	ass A standaterials, all isite.⊲br>En	2.0 2.0 2.0 2.0 2.0	177 including arges, hire with Grit Black 19.680 35.252 1.042 6.721 0.928	g cost o	
8	Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di Cover -1 Cover -2 Inspection window Bracket for rope drum shaft lock plate for drum shaft Extension plate -1	blasted arges, cost of rection of correction	rid cleaned sift testing all production of t	urface to classical painting mail officer at a control of the cont	ass A standaterials, all isite.⊲br>En	2.0 2.0 2.0 2.0 2.0 2.0	177 including arges, hire with Grit Black 19.680 35.252 1.042 6.721 0.928 1.556	g cost o of T&P	
8	Painting all the expose 1477:1994 over the grit materials, labour charg complete as per the di Cover -1 Cover -2 Inspection window Bracket for rope drum shaft lock plate for drum shaft Extension plate -1 Extension plate -2	blasted arges, cost of rection of correction	nd cleaned sift testing all properties to the department of the street o	urface to classical painting mail officer at a control of the cont	ass A standaterials, all isite.⊲br>En	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	177 including arges, hire with Grit Black 19.680 35.252 1.042 6.721 0.928 1.556 0.653	g cost o	

Plate for plummer block base-1	8*4	0.080	0.070		2.0	0.359	
Spacer for drum shaft	4*4	0.160	0.160		2.0	0.820	
Middle stiffner for Bracket	4*4	0.110	0.090		2.0	0.317	
Sidestiffnerfo r Bracket	8*4	0.160	0.090		2.0	0.922	
		PLATES fo	r DRIVE UN	IIT COVER			
Side cover for -1	2*4	1.567	0.970		2.0	24.320	
Side cover for -2	1*4	0.970	0.820		2.0	6.364	
Side cover for -3	1*4	0.820	0.670		2.0	4.396	
Strengthening plate on cover for manual operation shaft	1*4	0.150	0.150	7	2.0	0.180	
Top cover	1*4	1.735	0.820	441	2.0	11.382	
Inspection window	1*4	0.300	0.300	178	2.0	0.720	
	1614-	PLATES	for MOTOR	R FRAME		•	
Motor seat	1*4	0.240	0.190		2.0	0.365	
Stiffner for Motor seat - outer	the#4En	gi0:065 ri	ngo.065 g	anisatio	ns 2.0	0.068	
Stiffner for Motor seat - inner	1*4	0.075	0.050		2.0	0.030	
	PLATES	for ELECT	ROMAGNE	TIC BRAKE	FRAME		
EM brake seat	1*4	0.360	0.140		2.0	0.404	
Stiffner for EM brake seat - outer	4*4	0.065	0.065		2.0	0.136	
		PLATES fo	or HOISTING	G BRIDGE			
Hoisting girder fab ISMB - flange	4*4	14.220	0.200		2.0	91.009	
Hoisting girder fab ISMB - web	2*4	14.220	1.200		2.0	273.024	
End ribs on hoisting girder	16*4	1.216	0.220		2.0	34.243	
Bearing plate	4*4	0.450	0.450		2.0	6.480	
Temp plate	4*4	0.450	0.450		2.0	6.480	
Base plate	4*4	0.450	0.220		2.0	3.168	
	Spacer for drum shaft Middle stiffner for Bracket Side stiffnerfor Bracket Side cover for -1 Side cover for -2 Side cover for -3 Strengthening plate on cover for manual operation shaft Top cover Inspection window Motor seat Stiffner for Motor seat - outer Stiffner for Motor seat - inner EM brake seat Stiffner for EM brake seat - outer Hoisting girder fab ISMB - flange Hoisting girder fab ISMB - web End ribs on hoisting girder Bearing plate Temp plate	Spacer for drum shaft A*4 Middle stiffner for Bracket Side stiffner for Bracket Side cover for -1 Side cover for -2 Side cover for -3 Strengthening plate on cover for manual operation shaft Top cover Inspection window A*4 Motor seat Stiffner for Motor seat - outer Stiffner for Motor seat - inner PLATES EM brake seat 1*4 Stiffner for EM brake seat - outer Hoisting girder fab ISMB - flange Hoisting girder fab ISMB - web End ribs on hoisting girder Bearing plate 4*4 Temp plate 4*4 Temp plate	Spacer for drum shaft	Spacer for drum shaft	Spacer for drum shaft	Spacer for drum shaft	Spacer for drum shaft

girder IS	for Cross MC400x100 bisting girder	4*4	0.808	0.090		2.0	2.328	
girder IS	for Cross SMC300x90 Disting girder	8*4	0.908	0.090		2.0	5.231	
girder IS	for Cross SMC200x75 Disting girder	2*4	1.008	0.090		2.0	1.452	
girder IS	for Cross SMC150x75 Disting girder	20*4	1.058	0.090		2.0	15.236	
Ribs on he outer side	oisting girder	30*4	1.200	0.090	1	2.0	25.920	
Bracket pulley	for hoisting	4*4	1.591	0.550		2.0	28.002	
Pulley s	haft fixing	8*4 ther En	0.200 gineeri	0.200	anicatio	2.0	2.561	
Lock plate		16*4	0.120	0.050		2.0	0.768	
Spacer pu	ılley	8*4	0.200	0.200	` I-	2.0	2.561	
	late hoisting	2*4	0.150	0.150		2.0	0.360	
Anchorin foundation	g plate for on rod	24*4	0.100	0.100		2.0	1.921	
Handrail f	ixing plate	14*4	0.250	0.180		2.0	5.040	
	ate on web	8*4	1.200	0.600		2.0	46.080	
Splice pla for hoistin	ate on flange ng girder	4*4	0.500	0.180		2.0	2.880	
on cross	ening plate g girder for wire rope	2*4	0.280	0.250		2.0	1.120	
		PLATES fo	r PLUMMEI	R BLOCK S	UPPORT LI	NE SHAFT		
Seat an	d base for r block	8*4	0.300	0.150		2.0	2.880	

Side plate	4*4	0.356	0.300		2.0	3.418	
Stiffner for seat and base	4*4	0.356	0.128		2.0	1.459	
	F	PLATES for I	DIAL & DIAL	ASSEMBLY			
Worm reducer seat	1*4	0.450	0.300		2.0	1.080	
Stiffner-1 for worm reducer seat	2*4	0.185	0.150		2.0	0.444	
Stiffner-2 for worm reducer seat	1*4	0.170	0.150		2.0	0.205	
Shim	1*4	0.165	0.050		2.0	0.066	
Plummer block seat	1*4	0.260	0.090		2.0	0.188	
Stiffner for bottom of plummer block	2*4	0.100	0.090		2.0	0.144	
Sheet	1*4	0.170	0.040	4 13	2.0	0.055	
Connecting plate for column to girder	2*4	0.286	0.210	A	2.0	0.961	
	CHE	QUERED PL	_ATE for HC	DISTING BRIDG	SE .		
Hoisting platforrm-1- 6mm Chequered S h e e t	2*4 ther En	3.150 gineeri	1.900 ng Org	anisations	2.0	95.760	
Hoisting platforrm-2- 6mm Chequered S h e e t	4*4	1.600	0.850	E	2.0	43.520	
Hoisting platforrm-3- 6mm Chequered S h e e t	2*4	0.850	0.630		2.0	8.568	
Hoisting platforrm-4- 6mm Chequered S h e e t	1*4	1.900	0.990		2.0	15.048	
Hoisting platforrm-5- 6mm Chequered S h e e t	1*4	1.900	0.760		2.0	11.552	
Hoisting extension p I a t f o r m - 6 m m Chequered Sheet	1*4	14.000	0.385		2.0	43.121	

	Landing Platform- B o t t o m - 6 m m Chequered Sheet	1	3.000	1.000		2.0	6.000	
	Landing Platform-Top - 6mm Chequered Sheet	1	2.200	1.500		2.0	6.601	
	Step-6mm Chequered Sheet	25	1.350	0.300		2.0	20.250	
	Gate-6mm Chequered Sheet	1	1.390	1.060		2.0	2.947	
			MS ROUNE	BARS for I	DRIVE UNIT	-		
	Lifting Hook-12mm MS rod	2*4	0.300	A.		0.04	0.089	
		MS F	ROUND BAF	RS for ROPI	E DRUM CC	VER		
	MS ROUND BARS for ROPE DRUM COVER Lifting Hook-1-16mm MS rod	4*4	0.300		H	0.05	0.240	
	Lifting Hook-2-16mm MS rod	2*4	0.400			0.05	0.161	
	Lifting Hook-3-16mm MS rod	ther ₄ En	gi <u>n.280</u> ri	ng Org	anisatio	ns _{0.05}	0.113	
		D	MS ROUN	ND BARS fo	r LADDER	4		
	J type Anchor rod 16mm MS rod	24	0.310			0.05	0.372	
		MS SECTI	ONS for MA	NUAL OPE	RATING ME	CHANISM		
	Sleeve bearing seat ISMC 150x75	1*4	0.700			0.6	1.680	
	Column ISA 75x75x8	4*4	0.900			0.3	4.320	
	Sprocket base top-1 ISA 75x75x8	2*4	0.400			0.3	0.960	
	Sprocket base top-2 ISA 75x75x8	2*4	0.500			0.3	1.200	
	Plummer block base bottom ISMC 150x75	1*4	0.250			0.6	0.600	
		MS	S SECTION	S for DRIVE	UNIT FRAM	ИΕ		
	Main frame-1 ISMC 150x75	2*4	1.665			0.6	7.992	
_					-			

Main frame-2 ISMC 150x75	2*4	0.700			0.6	3.360	
	MS	SECTIONS	for ROPE	DRUM COV	ER		
T o p f r a m e I S A 3 5 x 3 5 x 5	4*4	2.440			0.14	5.466	
Bottom frame-1 ISA 35x35x5	4*4	0.550			0.14	1.233	
Bottom frame-2 ISA 35x35x5	2*4	0.883			0.14	0.989	
Bottom frame-3 ISA 35x35x5	4*4	0.073			0.14	0.164	
Bottom frame-4 ISA 35x35x5	2*4	0.245			0.14	0.275	
Bottom frame-5 ISA 35x35x5	2*4	0.128	Y. Y	TO	0.14	0.144	
Top frame inner ISA 35x35x5	14*4	0.480		130	0.14	3.764	
Round edge frame-1 5mm flat	4*4	1.060	0.050		2.0	1.697	
Round edge frame-2 5mm flat	th & *4En	gihleeri	ng ^{0.050} g	anisatio	ns 2.0	0.889	
	Ms	S SECTION	for ROPE D	DRUM FRAN	ΛE		
Main frame-1 ISMC 300x90	2*4	1.620			0.96	12.442	
Main frame-2 ISMC 300x90	2*4	0.920			0.96	7.066	
Main frame-3 ISMC 300x90	2*4	0.940			0.96	7.220	
Main frame-4 ISMC 300x90	2*4	0.670			0.96	5.146	
Main frame-5 ISMC 300x90	2*4	0.762			0.96	5.853	
Main frame-6 ISMC 300x90	2*4	0.250			0.96	1.920	
Plummer block base-1 ISA 90x90x10	4*4	0.300			0.36	1.728	
Plummer block base-2 ISA 90x90x10	4*4	0.280			0.36	1.613	

	M	S SECTION	S for DRIVE	UNIT COVE	ER		
Bottom frame-1 ISA 35x35x6	2*4	0.840			0.14	0.941	
Bottom frame-2 ISA 35x35x6	2*4	1.000			0.14	1.120	
Bottom frame-3 ISA 35x35x6	2*4	0.275			0.14	0.309	
Side frame-1 ISA 35x35x6	2*4	0.994			0.14	1.114	
Top frame outer-1 ISA 35x35x6	2*4	2.400			0.14	2.688	
Top frame outer-2 ISA 35x35x6	2*4	0.840	A		0.14	0.941	
Top frame inner ISA 35x35x6	3*4	0.770		7	0.14	1.294	
Side frame-2 ISA 35x35x6	2*4	0.700		130	0.14	0.784	
Inspection window hinge frame ISA 35x35x6	1*4	0.800			0.14	0.449	
0	thms sec	TIONS for R	EDUCTION	GEAR BOX	FRAME		
Support for reduction gearboxseatIS A100x100x8	2*4	0.700		E	0.4	2.240	
		MS SECTIO	NS for MOT	OR FRAME			
Support for Motor seat ISA 75x75x8	2*4	0.700			0.3	1.680	
I	MS SECTION	ONS for ELE	CTROMAG	NETIC BRA	KE FRAME		
Support for EM brake seat ISA75x75x8	2*4	0.700			0.3	1.680	
	MS	SECTIONS	for DIAL & D	IAL ASSEM	IBLY		
Column ISMC 100x50	2*4	0.950			0.4	3.040	
Dial holding ISA 50x50x6	2*4	0.050			0.2	0.081	
		MS SEC	TIONS for I	ADDER		,	
Ladder rail bottom ISMC 200x75	2	3.610			0.7	5.054	

Bottom landing frame 1 ISMC 200x75	5	1.000			0.7	3.500	
Bottom landing frame 2 ISMC 200x75	2	3.000			0.7	4.200	
Leg for bottom landing	4	2.350			0.6	5.640	
Bracing-11SA7 5x75x8	2	2.000			0.3	1.200	
Bracing-21SA7 5x75x8	2	0.700			0.3	0.420	
Cleat ISA 75x75x8	8	0.180			0.3	0.432	
Ladder rail top ISMC 200x75	2	3.450	A		0.7	4.830	
Top landing frame-	2	1.500	N. A.		0.7	2.100	
Top landing frame-2	2	2.200		13	0.7	3.080	
Wall support ISMC 150x75	2	2.120			0.6	2.544	
Step frame-1 ISA 40x40x6	the Er	gi1:350ri	ng Orga	anisatio	ns ^{0.16}	10.800	
Step frame-2 ISA 40x40x6	50	0.300		F	0.16	2.400	
Hand rail post-1 ISA 65x65x6	19	1.100			0.26	5.435	
Hand rail post-2 ISA 65x65x6	3	1.150			0.26	0.897	
Handrail bottom MS	1	23.600	0.050		2.0	2.361	
Gate frame vertica	2	0.390			0.16	0.125	
Gate frame horizonta	2	1.060			0.16	0.340	
	M	IS SECTION	NS for HOIS	TING BRIDG	SE		
Cross girder-1 ISMC 400x100	2*4	1.990			1.2	19.104	
Cross girder-2 ISMC 300x90	4*4	1.990			0.96	30.567	

Cross 200x7	girder-3 ISMC '5	4*4	0.920			0.7	10.304	
Cross 200x7	girder-4 ISMC 75	2*4	0.929			0.7	5.203	
Cross 150x7	girder-5 ISMC '5	8*4	1.990			0.6	38.208	
Cross 150x7	girder-6 ISMC '5	4*4	0.924			0.6	8.871	
botto girde	-Cross girder m of hoisting r inner side 00x100x8	34*4	0.924			0.4	50.266	
Exter	ssgirder- sion platform 150x75	14*4	0.595		5	0.6	19.992	
T o e 5 x 6	guardISA6 5x6	2*4	14.000	DA	4	0.26	29.120	
Toe g 65x65	guard side ISA 5x6	1*4	2.200			0.26	2.289	
Hand 50x50	rail post ISA 0x6	31*4	1.250		misatio	0.2	31.000	
	rail bottom mm flat	2*4	13.500	0.050		2.0	10.800	
	rail bottom side nm flat	1*4	1.550	0.050		2.0	0.621	
exten	drailfixing sion platform 75x75x8	17*4	0.150			0.3	3.060	
exten	ed support - sion platform 75x75x8	14*4	0.720			0.3	12.096	
	girder bottom 150x75	5*4	1.990			0.6	23.880	
			PLA	ΓES for LAD	DER			
	dation plate - ng leg	4	0.300	0.200		2.0	0.480	
	dation plate - r rail	2	0.400	0.200		2.0	0.321	
Stiffne	r for leg	4	0.150	0.100		2.0	0.120	

	Top plate of landing leg	4	0.200	0.100		2.0	0.161	
	Joint plate for top landing to hoisting girder	4	0.200	0.180		2.0	0.288	
	Anchoring plate for wall support	2	0.400	0.400		2.0	0.641	
	Top plate for diagonal support	2	0.400	0.100		2.0	0.161	
		PLAT	ES for RED	UCTION GE	AR BOX F	RAME		
	Reduction gear box seat	1*4	0.400	0.360		2.0	1.152	
	Stiffner for Reduction gear box seat - outer	4*4	0.090	0.090		2.0	0.260	
	Stiffner for Reduction gear box seat - outer	2*4	0.147	0.100		2.0	0.236	
		15		KAN)	Tota	al Quantity	1394.434	sqm
	-			To	tal Deducte	d Quantity	0.000 sqm	า
				10 BL 2	Net Tota	al Quantity	1394.434	sqm
		ther Fr	Say 1	394.434 sqr	m @ Rs 556	.86 / sqm	Rs 776	5504.52
9	85.136 Erection of the hoisting anchoring it; setting an machinery, incidental ar	d aligning t	the covers o			mplete incl	uding cost of	-
	already supplied		nce , lead a	nd lift charg	es etc comp	lete but exc	cluding cost	
	already supplied			nd lift charg		lete but exc	cluding cost	
	already supplied Foundation plate - landing leg	4				7850.0	22.608	
	Foundation plate -		PLA ⁻	TES for LAD	DER			
	Foundation plate - landing leg Foundation plate -	4	PLA ⁻ 0.300	TES for LAD	0.012	7850.0	22.608	
	Foundation plate - landing leg Foundation plate - ladder rail	4 2	0.300 0.400	0.200 0.200	0.012 0.012	7850.0 7850.0	22.608	
	Foundation plate - landing leg Foundation plate - ladder rail Stiffner for leg Top plate of landing	2	0.300 0.400 0.150	0.200 0.200 0.200	0.012 0.012 0.008	7850.0 7850.0 7850.0	22.608 15.073 3.769	

Top plate for diagonal support	2	0.400	0.100	0.012	7850.0	7.537
	Р	LATES for I	DIAL & DIAL	ASSEMBL	Υ	
Worm reducer seat	1*4	0.450	0.300	0.008	7850.0	33.912
Stiffner-1 for worm reducer seat	2*4	0.185	0.150	0.008	7850.0	13.942
Stiffner-2 for worm reducer seat	1*4	0.170	0.150	0.008	7850.0	6.406
Shim	1*4	0.165	0.050	0.002	7850.0	0.519
Plummer block seat	1*4	0.260	0.090	0.010	7850.0	7.348
Stiffner for bottom of plummer block	2*4	0.100	0.090	0.010	7850.0	5.652
Sheet	1*4	0.170	0.040	0.00315	7850.0	0.673
Connecting plate for column to girder	2*4	0.286	0.210	0.010	7850.0	37.718
	PLATES fo	r PLUMMEI	R BLOCK S	UPPORT LI	NE SHAFT	
Seat and base for Plummer block	8*4	0.300	0.150	0.012	7850.0	135.648
Side plate	4*4	0.356	0.300	0.012	7850.0	160.969
Stiffner for seat and base	ther En	gineeri 0.356	ng Org 0.128	anisatio 0.012	ns 7850.0	68.681
		PLATES fo	or HOISTIN	G BRIDGE	1	
Hoisting girder fab	4*4	14.220	0.200	0.016	7850.0	5715.303
Hoisting girder fab	2*4	14.220	1.200	0.010	7850.0	10716.192
End ribs on hoisting girder	16*4	1.216	0.220	0.010	7850.0	1344.021
Bearing plate	4*4	0.450	0.450	0.020	7850.0	508.681
Temp plate	4*4	0.450	0.450	0.010	7850.0	254.341
Base plate	4*4	0.450	0.220	0.020	7850.0	248.688
Ribs -1 for Cross girder ISMC400x100 bott. of hoisting girder inner side	4*4	0.808	0.090	0.010	7850.0	91.337

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Ribs -2 for Cross girder ISMC300x90 bott. of hoisting girder inner side	8*4	0.908	0.090	0.010	7850.0	205.281	
Ribs -3 for Cross girder ISMC200x75 bott. of hoisting girder inner side	2*4	1.008	0.090	0.010	7850.0	56.973	
Ribs -4 for Cross girder ISMC150x75 bott. of hoisting girder inner side	20*4	1.058	0.090	0.010	7850.0	597.982	
Ribs on hoisting girder outer side	30*4	1.200	0.090	0.010	7850.0	1017.360	
Bracket for hoisting pulley	4*4	1.591	0.550	0.016	7850.0	1758.501	
Pulley shaft fixing plate	8*4	0.200	0.200	0.010	7850.0	100.481	
Lock plate	16*4	0.120	0.050	0.010	7850.0	30.145	
Spacer pulley	8*4	0.200	0.200	0.008	7850.0	80.385	
Bolting plate hoisting girder web	th & r4En	gi0150ri	ngo.150ga	ano.010io	n 7 850.0	14.130	
Anchoring plate for foundation rod	24*4	0.100	0.100	0.010	7850.0	75.361	
Handrail fixing plate	14*4	0.250	0.180	0.010	7850.0	197.820	
Splice plate on web for hoisting girder	8*4	1.200	0.600	0.010	7850.0	1808.640	
Splice plate on flange for hoisting girder	4*4	0.500	0.180	0.012	7850.0	135.648	
Strengthening plate on cross girder for reeving wire rope	2*4	0.280	0.250	0.012	7850.0	52.753	
	PLATES	for ELECT	ROMAGNE	TIC BRAKE	FRAME		1
EM brake seat	1*4	0.360	0.140	0.010	7850.0	15.826	
Stiffner for EM brake seat - outer	4*4	0.065	0.065	0.010	7850.0	5.307	
		PLATES	for MOTOR	FRAME			
Motor seat	1*4	0.240	0.190	0.010	7850.0	14.319	

Stiffner for Motor seat - outer	2*4	0.065	0.065	0.010	7850.0	2.654	
Stiffner for Motor seat - inner	1*4	0.075	0.050	0.010	7850.0	1.178	
	PLAT	ES for RED	UCTION GE	EAR BOX FI	RAME		
Reduction gear box seat	1*4	0.400	0.360	0.010	7850.0	45.216	
Stiffner for Reduction gear box seat - outer	4*4	0.090	0.090	0.010	7850.0	10.174	
Stiffner for Reduction gear box seat - inner	2*4	0.147	0.100	0.010	7850.0	9.232	
		PLATES fo	r DRIVE UN	NIT COVER			
Side cover for -1	2*4	1.567	0.970	0.00315	7850.0	300.685	
Side cover for -2	1*4	0.970	0.820	0.00315	7850.0	78.674	
Side cover for -3	1*4	0.820	0.670	0.00315	7850.0	54.342	
Strengthening plate on cover for manual operation shaft	1*4	0.150	0.150	0.005	7850.0	3.533	
Top cover	1*4	1.735	0.820	0.00315	7850.0	140.720	
Inspection window	ther4En	gio.3001i	ngo.300g	a 10.003150	117850.0	8.902	
		PLATES fo	ROPE DR	UM FRAME	7		
Bracket for rope drum shaft	4*4	0.525	0.400	0.020	7850.0	527.521	
lock plate for drum shaft	4*4	0.290	0.100	0.010	7850.0	36.424	
Extension plate -1	2*4	1.620	0.060	0.010	7850.0	61.042	
Extension plate -2	2*4	0.680	0.060	0.010	7850.0	25.623	
Stiffner-1 Main frame	14*4	0.290	0.140	0.010	7850.0	178.478	
Stiffner-2 Main frame	6*4	0.290	0.080	0.010	7850.0	43.709	
Plate for plummer block base-1	8*4	0.080	0.080	0.010	7850.0	16.077	
Plate for plummer block base-1	8*4	0.080	0.070	0.010	7850.0	14.068	
Spacer for drum shaft	4*4	0.160	0.160	0.008	7850.0	25.723	
Middle stiffner for Bracket	4*4	0.110	0.090	0.010	7850.0	12.435	

Sidestiffnerfo r Bracket	8*4	0.160	0.090	0.010	7850.0	36.173
		PLATES for	ROPE DR	UM COVER		
Cover -1	2*4	2.460	0.500	0.00315	7850.0	243.319
Cover -2	4*4	1.530	0.720	0.00315	7850.0	435.838
Inspection window	2*4	0.310	0.210	0.00315	7850.0	12.879
	MS SECTI	ONS for MA	NUAL OPE	RATING ME	CHANISM	
Sleeve bearing seat ISMC 150x75	1*4	0.700			16.4	45.920
Column ISA 75x75x8	4*4	0.900			8.9	128.160
Sprocket base top-1 ISA 75x75x8	2*4	0.400			8.9	28.481
Sprocket base top-2 ISA 75x75x8	2*4	0.500		To	8.9	35.600
Plummer block base bottom ISMC 150x75	1*4	0.250		TA	16.4	16.400
	M	S SECTION:	S for DRIVE	UNIT FRAM	ИΕ	
Main frame-1 ISMC 150x75	2*4	1.665	in or the	DG.	16.4	218.448
Main frame-2 ISMC 150x75	ther En	gineeri 0.700	ng Org	anisatio	ns 16.4	91.840
	MS	SECTIONS	for ROPE	DRUM COV	ER	
T o p f r a m e I S A 3 5 x 3 5 x 5	4*4	2.440			2.6	101.504
Bottom frame-1 ISA 35x35x5	4*4	0.550			2.6	22.881
Bottom frame-2 ISA 35x35x5	2*4	0.883			2.6	18.367
Bottom frame-3 ISA 35x35x5	4*4	0.073			2.6	3.037
Bottom frame-4 ISA 35x35x5	2*4	0.245			2.6	5.096
Bottom frame-5 ISA 35x35x5	2*4	0.128			2.6	2.663
Top frame inner ISA 35x35x5	14*4	0.480			2.6	69.888

Roun 5mm	d edge frame-1 flat	4*4	1.060	0.050	0.005	7850.0	33.285	
Roun 5mm	d edge frame-2 flat	2*4	1.110	0.050	0.005	7850.0	17.428	
		MS	S SECTION	for ROPE D	ORUM FRAN	ЛE		
Main 300x	frame-1 ISMC 90	2*4	1.620			35.8	463.968	
Main 300x	frame-2 ISMC 90	2*4	0.920			35.8	263.488	
Main 300x	frame-3 ISMC 90	2*4	0.940			35.8	269.216	
Main 300x	frame-4 ISMC 90	2*4	0.670	A		35.8	191.888	
Main 300x	frame-5 ISMC 90	2*4	0.762	N. S.	7	35.8	218.237	
Main 300x	frame-6 ISMC 90	2*4	0.250		138	35.8	71.600	
	mer block base-1 0x90x10	4*4	0.300			13.4	64.320	
	mer block base-2 0x90x10	th e r4En	gi 0.280 ri	ng Orga	anisatio	ns ^{13.4}	60.033	
		MS	SECTION	6 for DRIVE	UNIT COV	ER		
Botto 35x3	m frame-1 ISA 5x6	2*4	0.840			3.0	20.160	
Botto 35x3	m frame-2 ISA 5x6	2*4	1.000			3.0	24.000	
Botto 35x3	m frame-3 ISA 5x6	2*4	0.275			3.0	6.601	
Side 35x3	frame-1 ISA 5x6	2*4	0.994			3.0	23.856	
Top fi 35x35	rame outer-1 ISA ix6	2*4	2.400			3.0	57.600	
Top fi 35x35	rame outer-2 ISA ix6	2*4	0.840			3.0	20.160	
Top f 35x3	rame inner ISA 5x6	3*4	0.770			3.0	27.720	
Side 35x3	frame-2 ISA 5x6	2*4	0.700			3.0	16.800	

Inspection window hinge frame ISA 35x35x6	1*4	0.800			3.0	9.601	
	MS SEC	TIONS for R	REDUCTION	I GEAR BOX	(FRAME	•	
Support for reduction gearboxseatIS A 100x100x8	2*4	0.700			12.1	67.760	
		MS SECTIO	NS for MO	TOR FRAME			
Support for Motor seat ISA 75x75x8	2*4	0.700			8.9	49.840	
	MS SECTIO	ONS for ELE	CTROMAG	NETIC BRA	KE FRAME		
Support for EM brake seat ISA75x75x8	2*4	0.700	AL		8.9	49.840	
	MS SE	CTIONS for	DIAL &	; DIAL ASSI	EMBLY		
Column ISMC 100x50	2*4	0.950	50/1	7 1 1	9.2	69.920	
Dial holding ISA 50x50x6	2*4	0.050		In.	4.5	1.800	
	400	MS SEC	CTIONS for I	LADDER	2		
Ladder rail bottom ISMC 200x75	2 ther En	3.610 gineeri	ng Org	anicatio	22.1 ns	159.562	
Bottom landing frame- 1 ISMC 200x75	5	1.000			22.1	110.500	
Bottom landing frame- 2 ISMC 200x75	2	3.000			22.1	132.601	
Leg for bottom landing ISMC 150x75	4	2.350			16.4	154.160	
Bracing-11SA7 5x75x8	2	2.000			8.9	35.600	
Bracing-21SA7 5x75x8	2	0.700			8.9	12.460	
Cleat ISA 75x75x8	8	0.180			8.9	12.816	
Ladder rail top ISMC 200x75	2	3.450			22.1	152.490	
Top landing frame-1 ISMC 200x75	2	1.500			22.1	66.301	
Top landing frame-2 ISMC 200x75	2	2.200			22.1	97.241	

Wall support ISMC 150x75	2	2.120			16.4	69.536	
Step frame-1 ISA 40x40x6	50	1.350			3.5	236.250	
Step frame-2 ISA 40x40x6	50	0.300			3.5	52.500	
Hand rail post-1 ISA 65x65x6	19	1.100			5.8	121.221	
Hand rail post-2 ISA 65x65x6	3	1.150			5.8	20.010	
Handrail bottom MS flat 50x8	1	23.600	0.050	0.008	7850.0	74.105	
Gate frame vertical ISA 40x40x6	2	0.390			3.5	2.730	
Gate frame horizontal ISA 40x40x6	2	1.060	52		3.5	7.420	
	M	S SECTION	S for HOIS	TING BRIDG	βE		
Cross girder-1 ISMC 400x100	2*4	1.990			49.4	786.448	
Cross girder-2 ISMC 300x90	th e taEn	gi1.990ri	ng Orga	anisatio	ns ^{35.8}	1139.872	
Cross girder-3 ISMC 200x75	4*4	0.920		F	22.1	325.312	
Cross girder-4 ISMC 200x75	2*4	0.929			22.1	164.248	
Cross girder-5 ISMC 150x75	8*4	1.990			16.4	1044.352	
Cross girder-6 ISMC 150x75	4*4	0.924			16.4	242.458	
Cleat-Cross girder bottom of hoisting girder inner side ISA100x100x8	34*4	0.150			12.1	246.840	
Crossgirder- Extension platform ISMC 150x75	14*4	0.595			16.4	546.448	
T o e g u a r d I S A 6 5 x 6 5 x 6	2*4	14.000			5.8	649.600	

Tan much side ICA						
Toe guard side ISA 65x65x6	1*4	2.200			5.8	51.040
Hand rail post ISA 50x50x6	31*4	1.250			4.5	697.500
Hand rail bottom 50x8mm flat	2*4	13.500	0.050	0.008	7850.0	339.120
Hand rail bottom side 50x8mm flat	1	1.550	0.050	0.008	7850.0	4.868
Handrailfixing extension platform ISA 75x75x8	17*4	0.150			8.9	90.780
Inclined support - extension platform ISA 75x75x8	14*4	0.720	A.		8.9	358.848
Cross girder bottom ISMC 150x75	5*4	1.990	SX		16.4	652.720
	MS	ROUND BA	RS for HOIS	STING BRID	GE	
Foundation Rod- 25mm MS rod	24*4	0.750			3.85	277.200
		MS ROUNE	BARS for D	DRIVE UNIT		
Lifting Hook-12mm MS rod	ther En	gineeri 0.300	ng Orga	anisatio	ns 0.89	2.136
	MSF	ROUND BAI	RS for ROPE	E DRUM CC	VER	
Lifting Hook-1-16mm MS rod	4*4	0.300			1.58	7.584
Lifting Hook-2-16mm MS rod	2*4	0.400			1.58	5.057
Lifting Hook-3-16mm MS rod	2*4	0.280			1.58	3.540
		MS ROUN	ND BARS for	r LADDER		
J type Anchor rod - 16mm MS rod	24	0.310			1.58	11.756
		CHEQUER	ED PLATE f	or LADDER		
Landing Platform- B o t t o m - 6 m m Chequered Sheet	1	3.000	1.000		49.2	147.601

_	latform-Top Chequered	1	2.200	1.500		49.2	162.360	
Step-6mm Sheet	Chequered	25	1.350	0.300		49.2	498.151	
Gate-6mm Sheet	Chequered	1	1.390	1.060		49.2	72.492	
		CHE	QUERED PL	ATE for HC	ISTING BR	IDGE		
	platforrm-1- quered S h	2*4	3.150	1.900		49.2	2355.696	
	olatforrm-2- quered S h	4*4	1.600	0.850		49.2	1070.592	
	olatforrm-3- quered S h	2*4	0.850	0.630	3	49.2	210.773	
	platforrm-4- quered S h	1*4	1.900	0.990		49.2	370.181	
	platforrm-5- quered S h	her ₄ En	gineeri	ng Org	anisatio	ns _{49.2}	284.180	
	xtension p I m - 6 m m d Sheet	1*4	14.000	0.385		49.2	1060.753	
		В	olt & Nut for	Line shaft p	lummer blo	ck		
	mm length al Bolt with vasher	4*8				0.22	6.880	
			Bolt and	Nut for Botte	om Block			
	Hexogonal th washer ite)	48*4				0.12	22.081	
			Bolt and Nu	it for Rope o	drum Cover			
Hexagonal	length Screw (For n window	16*4				0.02	1.088	
cover)								

		ı				I	
M 1 2 X 4 0 l e n g t h Hexagonal Bolt with nut and washer (For rope drum cover frame)	32*4				0.06	8.192	
		Bolt and N	ut for Rope	Drum Assy			
M 1 6 X 3 5 I e n g t h Hexagonal Screw with washer(For Rope drum shaft lock plate)	32*4				0.12	14.720	
M16X100 length Hexagonal Bolt with nut and washer(For plummer block for pinion gear)	16*4	Ą			0.22	13.760	
M20X100 length Hexagonal Bolt with nut and washer(For	20*4	K	M	B	0.36	28.560	
		Bolt and N	lut for Drive	Unit cover			
M 1 2 X 6 0 l e n g t h Hexagonal Bolt with nut and washer(For	ltha*:oEn	gineeri	ng Orga	anisatio	nSo.08	6.561	
		Bolt and	nut for Hois	st Bridge			
M 1 6 X 3 5 I e n t h Hexagonal Bolt with nut and washer(Pulley Lock plate)	A*32				0.12	14.720	
M 1 6 X 3 5 I e n t h Hexagonal Bolt with nut and washer(Hand rail fixing)	4*90				0.12	41.400	
M 1 6 X 5 0 I e n t h Hexagonal Bolt with n u t a n d washer(Hoisting girder web joint)	4*4				0.14	2.176	

	M 1 0 X 6 0 I e n t h Hexagonal Bolt with nut and washer(For Motor and EM brake)	4*8				0.06	1.824		
	M24X160 length Hexagonal Bolt with nut and washer(For Reduction gear box)	4*4				0.77	12.320		
	M 1 2 X 6 5 l e n g t h Hexagonal Bolt with nut and washer(For manual operation plummer block)	4*6		6		0.86	20.640		
	M20X100 length Hexagonal Bolt with nut and washer(For drive unit main frame)	4*12				0.36	17.136		
	M 2 5 N u t (Forfoundationrod)	32*3*4			Di	0.13	48.000		
	Total Quantity							46487.269 kg	
	Total Deducted Quantity							0.000 kg	
	Other Engineering Organ Net Total Quantity							46487.269 kg	
	Say 46487.269 kg @ Rs 3.40 / kg						Rs 158056.71		
SI No	Description	No	L	В	D	CF	Quantity	Remark	
10 E6 -	Supplying, stacking, ere	ecting and	trial run of	ROPE DRU	IM HOISTIN	G UNIT and	d its ACCES	SORIES	
1	85.128 Providing Line shaft ,ma		rolled/ forg						
			DITIMMED	DI OCK for I	INIT OLIVET				
	Dlummar Blook		PLUMMER	BLOCK for I	LINE SHAFT		9,000		
	Plummer Block	2*4					8.000		
				LINE SHAF			8.000		
	Plummer Block Dia 71mm round bar for Dia 65mm Line shaft					31.08	8.000		
	Dia 71mm round bar for Dia 65mm Line	2*4			Γ			kg	
	Dia 71mm round bar for Dia 65mm Line	2*4		LINE SHAF	Γ	31.08	1147.225	kg	
	Dia 71mm round bar for Dia 65mm Line	2*4		LINE SHAF	Tota	31.08	1147.225 1155.225		
	Dia 71mm round bar for Dia 65mm Line	2*4	4.614	LINE SHAF	Tota tal Deducte Net Tota	31.08 al Quantity d Quantity al Quantity	1147.225 1155.225 0.000 kg 1155.225		

				1 OOK for 1	INIT CLIAT						
	DI DI I		PLUMMER B	LOCK for i	LINE SHAF		10.000				
	Plummer Block	4*4					16.000				
					Tota	al Quantity	16.000 no)			
				To	tal Deducte	d Quantity	0.000 no				
	Net Total Quantity)			
			Sa	ay 16.000 i	no @ Rs 64	17.29 / no	Rs 102676.64				
3	od81447/2019_2020 Cost of SUPPLYING and STACKING of WIRE ROPE Dia 22mm, 6/36 construction R H Ungalvanized, Main Fibre Core UTS 180Kg/MM2 Having Breaking Load=28848Kg Conforming IS:2266- 2002 bryWire rope Dia 22mm										
			WIRE F	ROPE DIA	22MM						
	Wire rope dia22MM	4	120.000	C. W	1 13		480.000				
		(k.	LIME		Tota	al Quantity	480.000 r	netre			
		Total Deducted Quantity									
	Net Total Quantity							480.000 metre			
	Say 480.000 metre @ Rs 363.43 / metre						Rs 174446.40				
4	od81449/2019_2020	Other En	ngineerin	ng Org	anisatio	ns	I				
4	od81449/2019_2020 SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of of electrical accessories drawings specification	ACKING of ut 0.38m/mir d ungalvani y TEFC squugh self lock ding cost of like DOL st	30 TONNE on (+/-10%) throw ized wire rope industriel cage indu	apacity R ugh pulley e 6/36 con uction mote ducer and etic thruste vitch, mair	ope DRUM arrangement struction, fir or hoist duty open gear er brake ass	M HOIST Units with 4 numbers core have type having reduction assembly marked on their same and other same and o	NIT having umbers of far aving breaking capacity runit excludinual operatifety equipm	8m lift a alls on eigengence not less to ing the cong systements as			
4	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven but 5HP and driven throut of br>line shaft include electrical accessories	ACKING of ut 0.38m/mir d ungalvani y TEFC squugh self lock ding cost of like DOL statures as and stature	30 TONNE on (+/-10%) throwized wire rope wire loage induking worm relectro magniarters, limit systems.	apacity R ugh pulley e 6/36 con uction moto ducer and etic thrusto witch, mair	anisation OPE DRUM arrangement struction, file or hoist duty open gear er brake assemble switches assemble to but	M HOIST Units with 4 numbers core has reduction reduction reduction and other sare excluding controls.	NIT having umbers of factoring breaking capacity runit excludinual operations of wire	8m lift a alls on eigenge capa not less trang the cong systements as rope			
4	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of br>line shaft include electrical accessories drawings specification	ACKING of ut 0.38m/mir d ungalvaning TEFC squagh self locking cost of like DOL states and states	30 TONNE on (+/-10%) throwized wire rope wire loage induking worm relectro magniarters, limit systems.	apacity R ugh pulley e 6/36 con uction moto ducer and etic thrusto witch, mair	anisation OPE DRUM arrangement struction, file or hoist duty open gear er brake assemble switches assemble to but	M HOIST Units with 4 numbers core has reduction reduction reduction and other sare excluding controls.	NIT having umbers of factoring breaking capacity runit excludinual operations of wire	8m lift a alls on eigeng capa not less trang the or ng systements as rope			
4	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of br>line shaft include electrical accessories drawings specification Supplying and st	ACKING of ut 0.38m/mir d ungalvaning TEFC squagh self locking cost of like DOL states and states	30 TONNE on (+/-10%) throwized wire rope wire loage induking worm relectro magniarters, limit systems.	apacity R ugh pulley e 6/36 con uction moto ducer and etic thrusto witch, mair	anisation OPE DRUM arrangement struction, file or hoist duty open gear er brake assent switches a complete but	M HOIST Units with 4 numbers core has reduction reduction reduction and other sare excluding controls.	NIT having umbers of factiving breaking capacity runit excludinual operations of wire s ACCESSO	8m lift a alls on eight ing capa not less tang the or ing systements as rope			
4	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of br>line shaft include electrical accessories drawings specification Supplying and st	ACKING of ut 0.38m/mir d ungalvaning TEFC squagh self locking cost of like DOL states and states	30 TONNE on (+/-10%) throwized wire rope wire loage induking worm relectro magniarters, limit systems.	gapacity R ugh pulley e 6/36 con uction mote ducer and etic thrusto witch, main ents etc co	anisation OPE DRUM arrangement struction, file or hoist duty open gear er brake assent switches a complete but	M HOIST Units with 4 numbers core has reduction reduction of the reduction	NIT having umbers of factoring breaking capacity runit excludinual operations of wire a ACCESSO 4.000	8m lift a alls on eiting capa not less tang the or ng systements as rope			
4	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of br>line shaft include electrical accessories drawings specification Supplying and st	ACKING of ut 0.38m/mir d ungalvaning TEFC squagh self locking cost of like DOL states and states	30 TONNE on (+/-10%) throwized wire rope wire loage induking worm relectro magniarters, limit systems.	gapacity R ugh pulley e 6/36 con uction mote ducer and etic thrusto witch, main ents etc co	anisation OPE DRUM arrangement struction, fire or hoist duty open gear er brake asson switches a complete but EUM HOIST Total	M HOIST Units with 4 numbers core has reduction reduction of the reduction	NIT having umbers of factoring breaking capacity runit excluding operation of wire a ACCESSO 4.000	8m lift a alls on eiting capa not less tang the or ng systements as rope			
4	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of br>line shaft include electrical accessories drawings specification Supplying and st	ACKING of ut 0.38m/mir d ungalvaning TEFC squagh self locking cost of like DOL states and states	30 TONNE of (+/-10%) thro (zed wire rope irrel cage induking worm relectro magnarters, limit systory requirement	g Organization Rugh pulley e 6/36 con uction mote ducer and etic thrustowitch, mainents etc con ROPE DR	anisation OPE DRUM arrangement struction, fire or hoist duty open gear er brake asson switches a complete but EUM HOIST Total	M HOIST Units with 4 numbers core has type having reduction of their safex culding of their	NIT having umbers of faving breaking capacity runit excluding operation of wire a ACCESSO 4.000 set 0.000 set 4.000 set 4.000 set	8m lift a alls on eiting capa not less tang the or ng systements as rope			
5	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of br>line shaft include electrical accessories drawings specification Supplying and st	ACKING of ut 0.38m/mir d ungalvanity TEFC squagh self localing cost of like DOL states and status acking of 30 4	30 TONNE of (+/-10%) thro (zed wire rope irrel cage induking worm relectro magnarters, limit systory requirement	g Organization Rugh pulley e 6/36 con uction mote ducer and etic thrustowitch, mainents etc con ROPE DR	anisation OPE DRUM arrangement struction, find or hoist duty open gear er brake asson switches a complete but EUM HOIST Total otal Deducte	M HOIST Units with 4 numbers core has type having reduction of their safex culding of their	NIT having umbers of faving breaking capacity runit excluding operation of wire a ACCESSO 4.000 set 0.000 set 4.000 set 4.000 set	8m lift a alls on eit ing capa not less thing the c ing syste nents as rope			
	SUPPLYING and STA hoisting speed of about side with 22mm teste 28848Kg and driven b 5HP and driven throut of br>line shaft include electrical accessories drawings specification Supplying and st 30T Rope Drum Hoist od81490/2019_2020	ACKING of ut 0.38m/mir d ungalvanity TEFC squagh self localing cost of like DOL states and status acking of 30 4	30 TONNE on (+/-10%) throw ized wire rope irrel cage induking worm relectro magnarters, limit systory requirement CAPACITY	g Organization Rugh pulley e 6/36 con uction mote ducer and etic thrustowitch, mainents etc con ROPE DR	anisation OPE DRUM arrangement struction, find or hoist duty open gear er brake asson switches a complete but EUM HOIST Total otal Deducte	M HOIST Units with 4 numbers core has type having reduction of their safex culding of their	NIT having umbers of faving breaking capacity runit excluding operation of wire a ACCESSO 4.000 set 0.000 set 4.000 set 4.000 set	8m lift a alls on eiting capa not less tang the or ng systements as rope			

						Kounaed	Total Rs 12	2,06,50,000		
							TAL Rs 120			
	Lumpsum for round off									
		120649915.69								
		·	12926776.69							
	Provision for GST payments (in %) @									
		R	Rs 2360100.00							
OI INU	Describitori			- Unforeseen	1	OI .	Quantity	Nemark		
SI No	Description	No	L	Say 4.000 se	t @ Rs 1688	9.83 / set	Rs 67	559.32 Remark		
	Net Total Quantity						4.000 set			
	Total Deducted Quantity						0.000 set			
	Total Quantity						4.000 set			
	Conveying and Fixi	Other En	ginee	ring Org	anisatio	ns	4.000			
	WIRE ROPE FOR HOISTING									
7	85.135 Conveying and Fixing wire rope already supplied to the new gates and Hoisting unit safely an conducting Trial run									
				Say 4.000 n	o @ Rs 5576	66.26 / no	Rs 223065.04			
		1.6	37	K X	Net Tota	l Quantity	4.000 no			
			6.0	Т	otal Deducte	d Quantity	0.000 no			
	2.000011		18	1637	Tota	al Quantity	4.000 no			
	Erection	1*4		311011 01 110	7011140		4.000			
	incidental and con-	al and conveyance charges etc complete ERECTION OF HOISTING								
6	85.125 Conveying and erecting in position the already supplied rope drum hoisting units (15T/ 20T/25 capacity on the hoisting bridge and correcting the alignment as far as possible manually as prediction of departmental officer at site including cost of all labour, machinery, lead and lift and lift are considered.									
	Say 4.000 set @ Rs 26937.86 / set						Rs 107751.44			
	Net Total Quantity						4.000 set			
	Total Deducted Quantity						0.000 set			
					Tota	l Quantity	4.000 set			

(Cost Index Applied for this estimate is 31.06%)

