# कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 863/ निर्माण/2022

### सिस्टम टेंडर नं. 117979 <u>द्वितीय ई—निविदा आमंत्रण सू</u>चना

कोरबा दिनांक 22.12.2022

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई—प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदाएं आमंत्रित की जाती है :--

<b>क</b> .	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	कम्पोस्ट पिट, शेड एवं फेंसिग निर्माण कार्य (दर्री वार्ड क 52, वैशाली नगर वार्ड क 59 एवं पंप हाउस वार्ड क 14)	95.00	72000/-	05 माह	वर्ग डी एवं प्रवर श्रेणी	17.01.2023 से

#### शर्ते:-

- 1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
- 2. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरूद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
- उ. इच्छुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र / पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
- 4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- 5. जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
- 6. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र स्केन कर अपलोड करना अनिवार्य होगा।
- 7. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नामीण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन ) अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
- 8. ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- 9. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
- 10. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयाविध में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
- 11. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा।
- 12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
- 13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
- 14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है।

कार्यपालुन-अभियंता नगर पालिक निगम कीरबा (छत्तीसगढ़)

प्रतिलिपि-

प्रोग्रामर, संचालनालय, नगरीय प्रशाासन एवं विकास विभाग, रायुपर को uad.cg.gov.in में अपलोड करने हेतु प्रेपित।

### Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Star	rt	Expi	ry	Remarks
No.			Date	Time	Date	Time	
	Release Tender		22.12.22	16.30	22.12.22	16.30	Release Tender
)		Bid Submission	22.12.22	16.30	16.01.23	17.30	
3	Tender Open		17.01.23	10.30	-		

EXECUTIVE ENGINEER
KORBÁ (CG)
For, Commissioner Korba (C.G.)



DETAILED ESTIMATE Construction 4 Shade
Name of Work: Supplying & Fixing of Chant Link Fencing & Gate Work at Darri Ward No. 52

As	per Sor :- Schedule of Rates Public Work	e Don	ortmont ( D)	MD D	, , , , , , , , , , , , , , , , , , ,	7		Duiii II	aru 140. 52
Sno			Ji	ND B	UILDING	01-01-201	[5]		
	Surface dressing of the ground including	-		- B	H/D	_ Q	ty Ur	it Rate	Amount
	removing vegetation and making un	1	- 1						1
1	undulations and in-equalities not exceeding.	۱ .			1		1		
1	cms in depth/ height including disposal of				- 1				1
	rubbish upto 1.5 m lift and lead upto 50m (a	.							
	least 5m away from the dressed area).	1		ı	1	İ	1	-	1
	For Fencing Pole	<del> </del>							
	or reneing role	1	1500.00	1.00		1500.0	_		
	Excavation for all types and sizes of			+	Total	1500.0	0 sqn	7.20	10800.00
	foundations transher and training			1	1		1		
	foundations, trenches and drains or for any			1	ı			1	
2	other purpose including disposal of excavated	1					1		
ı	stuff upto 1.5 m lift and lead upto 50m (at								
1	least 5m away from the excavated area),	İ		1			1		
_	including dressing and leveling of pits.								
_	For fencing Pole Footing	1	1500.00	0.40	0.60	360.00			
-	DII			<u> </u>	TOTAL	360.00	cum	185.00	66600.00
	Providing and laying nominal mix cement								
4	concrete with crushed stone aggregate using					i	İ		1
	concrete mixer in foundation, plinth and at				1				1
_	ground level excluding cost of form work.	-							
а	1:3:6 (1 cement : 3 coarse sand : 6 graded		l	1	1				
$\vdash$	stone aggregate 40mm nominal size).	ļ		<u> </u>					
<u> </u>	For fencing Pole Footing	1	1500.00	0.40	0.10	60.00			
<u> </u>					TOTAL	60.00	cum	2970.00	178200.00
	1.11/2/1		_						
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded	}	1						
	stone aggregate 20mm nominal size).								
		601	0.30	0.30	0.60	32.45			
		1	1500.00	0.30	0.08	33.75			
						66.20	cum	4073.00	269648.89
	Steel work welded in built up sections/ framed							10,000	
7	work including cutting, hoisting, fixing in				1				
	position and applying a priming coat of red								
-	oxide zinc chromate primer.	_							
	In gratings, frames, guard bar, ladder, railings,							<del>                                     </del>	
_	brackets, gates and similar works.								
_	, .	501	2.00			1202.00			
-	Angle	2*600	2.50			3000.00			
$\dashv$	Use ISA50X50X5mm @ 3.8kg/m For post					4202.00			
$\dashv$	Dingonal D.					15967.60			
_	Diagonal Braces	500	3.54			2124.00			
-	Flat Patti 40*5					3398.40			
							la.		
	Ø					19366.00	kg	68.00	1316888.00

Ts	ITEM DESCRIPTION	Tai	-						
	2.43 Providing and fixing in position about	N	L	В	H/D		Qty L	nit Rate	Amount
	sized wire fabric made of 4 mm dia G.I.								
	wire of required width in mesh to concrete/	1		1				ı	
8	wooden/ angle iron posts including securing		1	1					
	and screwing with 2mm dia G.I. wire, G.I.				1		- 1		
	staples, G.I.U-nails or steel pins etc., complete.			1		1			
-	9.43.1 Aperture 50x50mm							ŀ	İ
-		1	1500.00		1.50	2250.	00 sq	m  331.0	0 744750.00
9	Brick work with modular fly- ash lime bricks								
) 3	(FaLG Bricks) confirming IS 12894-2002 of			i					
-	class designation 4.0 in foundation and plinth								
-	Brick work below Chain linking fencing								
-	Cement Mortar 1:5 (1 cement :5 coarse sand)	1	1313.70	0.30	0.50	197.	06		
_					TOTAL	197.	06 sqr	n 3350.0	00 660134.25
	Providing and fixing form work including								
10	centring, shuttering, strutting, staging,				1				1
	propping bracing etc. complete and including				İ	1			1
_	its removal at all levels, for:								
	Foundations, footings, bases of columns								
l a	plinth beam, curtain wall in any shape and				1				
	size and all type of wall below plinth level								
	10.59 Foundations, footings, bases of columns								
	plinth beam, curtain wall in any shape and						1		
-	size and all type of wall below plinth level.						_		<u> </u>
-		501*2	<u> </u>		0.50			<del> </del>	
$\vdash$	Described and the 15 of the control				Total	601.00	Sqr	n 139.0	0 83539.00
1,,	Providing and making 15mm thick cement plaster on the rough side of			1			1		1
111	single or half brick wall of mix:			- 1			1		ĺ
-	<u> </u>	- de desenvola de					<del> </del>		
_	11.3.3 In Cement Mortar 1:5 (1 cement : 5						<u> </u>		
ļ.,	1		1500.00		0.40	600.00	-		
L					Total	600.00	Sqm	113.00	67800.00
12	11.2 Providing and making 12mm thick		1		- 1				
	cement plaster of mix:								
l	In Cement Mortar 1:5 (1 cement : 5 fine sand 1		1500.00		0.40	600.00			
<u> </u>					otal	600.00	sqm	96.50	57900.00
13	14.22 Painting on new work (two or more	i		1	- 1				
⊢	coats) to give an even shade with:		1500.00	-	-	2272.44			
-	14.22.1 Satin synthetic enamel paint 1		1500.00		.50	2250.00			
-	Wall painting with acrylic premium	-			otal	2250.00	sqm	55.00	123750.00
14	emulsion (plastic) paint of required shade to				- 1				
1 23	give an even shade.				1				
_	On new work (two or more coats)			-		1200.00			
				T,	otal	1200.00	cam	44.50	F3400.00
		_				Total Esti			53400.00
								amount	3633410.14
							Say		3633500.00

Asst. Engineer
Municipal Corporation
Korba (C.G.)



### **DETAILED ESTIMATE**

Name of Work :- Construction of Windrow Compositing Bed at Darri Ward no. 52

As per Sor :- Schedule of Rates Public Works Department [ PWD BUILDING 01-01-2015]

Sno.	ITEM DESCRIPTION						01-01-2	015]		
	Excavation for all types and size of	1	V L	E	-	H/D	Qty	Ur	it Rat	e Amount
	Touridations, trenches and drains or for	- 1	1			ļ				
	outer purpose including disposal of executa-	,	- 1	1		l				
1	stuff upto 1.5 m lift and lead upto 50m (at	1	ĺ	- 1						1
	least 5m away from the excavated area),							1		1
	including dressing and leveling of pits.	1	l	- 1						
	and leveling of pits.									
		1			0	0.30	147.4	2		
		1	1.50	1.5	0	1.20	2.70			
	Providing and laying nominal mix	_			To	tal	150.12	2 Cui	m 185.0	0 27772.20
			1		- 1					
2	reinforcement cement concrete with crushed			1	- 1		1			1
-	stone aggregate using concrete mixer in all		İ		- 1		1			
	works upto floor five level excluding cost of reinforcement and form work.		1	1	- 1			1	1	1
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6	-	╁		+		ļ			
	1.5.0 (1 cement . 5 coarse sand : 6				4		ļ			
		1	31.50			0.10	49.14			
		1	1.50	1.50		0.10	0.23			
	Providing and fixing formwork including		<del> </del>		Tot	al	49.37	Cun	2970.00	146614.05
_	centering, shuttering, strutting, staging,		1	1	-					1
3	propping bracing etc. complete and including									
	its removal at all levels for			ĺ	İ	İ		İ	İ	i
	Foundations, footings, base of columns and				T			1	<del> </del>	<del>                                     </del>
а	plinth beam in any shape and size.			1						1
		٠	24.50		+					
_		2	31.50 15.60		-	0.20	12.60			
			15.60			0.20	6.24	-		
	3.1 Providing and laying nominal mix plain				ota	1	18.84	Sqm	139.00	2618.76
	cement concrete with crushed stone aggregate	- 1			1	1				
,	using concrete mixer in all works upto plinth	- 1								
- 1	level excluding cost of form work	- 1								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded	$\neg$			-					
	stone aggregate 20mm nominal size).	1	31.50	15.60	1	0.20	98.28	Cum	4073.00	400294.44
	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including	- 1	1			1				I
5	straightening, cutting, bending, binding etc.		- 1					- 1		
	complete as per drawings including cost of				1					1
	binding wire in foundation and plinth all									
	Thermo-Mechanically treated bars FE 415							$\neg$		
						_	20.00	KG	54.50	1000 05
	3.2 Providing and laying nominal mix					-+		70	34,30	1090.00
	reinforced cement concrete with crushed					1				
12	stone aggregate using concrete mixer in all								1	
	works upto plinth level excluding cost of form					1				
13	3.2.1 1:11/2:3 (1 cement : 11/2 coarse sand : 3	+								
10	graded stone aggregate 20mm Nominal size).					1		1	1	1

-	ITEM DESCRIPTION	N		T					
0.		_	L	В	H/D	Qty	Unit	Rate	Amount
		1	1.50	1.20	0.15	0.27			
						0.27	Cum	4163.00	1124.01
1	3.9 Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement: 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement: 3 coarse sand) but excluding reinforcement								
						0.27	Cum	469.00	126.63
8	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		2	1.50	0.20	1.20	0.72	نــــــــــــــــــــــــــــــــــــــ		
		2	1.10	0.20	1.20	0.53			
						1.25	Cum	3263.00	4072.22
9	11.2 Providing and making 12mm thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 cement: 6 fine sand)								
		1	4.40		1.60	7.04			21112
						7.04	Sqm	91.50	644.16
10	Neat Cement punning.								
		1	200.00		0.60	120.00			
						120.00	Sqm	33.00	3960.00
11	1.26 Carriage by mechanical transport upto 5 km lead:								
	Earth		150.12	بلـــــــــــــــــــــــــــــــــــــ		150.12		111.00	16663.32
				As per	SOR Tota	al Estima			604979.79
						Sa	ay Amo	unt Rs.	605000.00

Asst. Engineer
Municipal Corporation
Korba (C.G.)



#### **DETAILED ESTIMATE**

Name of Wlork :- Construction Of Shed (With Profile Sheet) At Darri Ward No. 52

As per Sor :- Schedule of Rates Public Works Department [ PWD BUILDING 01-01-2015]

	per Sor :- Schedule of Rates Public Works [	Jepan	ment			G 01-01-2	0101		
Sno.	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	1.2 Surface dressing of the ground including								
ı	removing vegetation and making up	Ì					1		
1	andulations and in-equalities not exceeding 15	1	l	1	ł	1	}		
1 0	ems in depth/ height including disposal of			1			1		İ
r	rubbish upto 1.5 m lift and lead upto 50m (at								
	least 5m away from the dressed area).								l
-	for Gothan Shed	1	15.00	6.00	-	90.00	-	1	<b></b>
-	To Committee	-	13.00	0.00	Total	90.00	sqm	7.20	648.00
$\dashv$	Excavation for all types and sizes of	<del> </del>		<del>                                     </del>			<u> </u>	1	
	foundations, trenches and drains or for any				1				1
- 1	other purpose including disposal of excavated				1				ł
2 1	stuff upto 1.5 m lift and lead upto 50m (at least				l				
	5m away from the excavated area), including				l				
	dressing and leveling of pits.			i			1		
	Shed Footing	12	1.20	1.20	1.20	20.736			
-	oned I doming	1	42	0.4	0.4	6.72			
					TOTAL	27.46	cum	185.00	5079.36
	Providing and filling in plinth with sand/								
	Crusher dust and hard moorum under floor in						}	1	
3	layers not exceeding 20cm in depth								
3	consolidating each deposited layer by								
	ramming and watering, including dressing								
$\vdash$	Shed Footing	12	1.20	1.20	0.10	1.728			
	oned I doming	1	42	0.4	0.1	1,68			
					TOTAL	3.41	Cum	371.00	1264.368
H	Providing and laying nominal mix cement								
	concrete with crushed stone aggregate using								
4	concrete mixer in foundation, plinth and at								
	ground level excluding cost of form work.								
, 1	1:3:6 (1 cement: 3 coarse sand: 6 graded stone								
а	aggregate 40mm nominal size).								
	Shed Footing	12	1.20	1.20	0.10	1.728			
				1.20	41-4				
		1	42	0.4	0.1	1.68			
		1	42 15.5						
				0.4	0.1	1.68	cum	2970.00	40044.51
				0.4	0.1	1.68 10.075	cum	2970.00	40044.51
	Providing and laying nominal mix			0.4	0.1	1.68 10.075	cum	2970.00	40044.51
5	Providing and laying nominal mix reinforcement cement concrete with crushed			0.4	0.1	1.68 10.075	cum	2970.00	40044.51
5	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all			0.4	0.1	1.68 10.075	cum	2970.00	40044.51
5	Providing and laying nominal mix reinforcement cement concrete with crushed			0.4	0.1	1.68 10.075	cum	2970.00	40044.51
	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.			0.4	0.1	1.68 10.075	cum	2970.00	40044.51
5	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.  1.1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size)	1	15.5	0.4	0.1	1.68 10.075	cum	2970.00	40044.51
	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.  1.1½3 (1 cement : 1½ coarse sand : 3 graded)			0.4	0.1	1.68 10.075	cum	2970.00	40044.51
	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.  1.1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size)	1	15.5	0.4 6.5	0.1 0.1 TOTAL	1.68 10.075 13.48	cum	2970.00	40044.51

		ITEM DESCRIPTION	TA1	1.	T=				*	
1	S	1	N 1	45	В	H/D	Qty	Unit	Rate	Amount
	F		$\frac{1}{1}$	45	0.2		2,70			
1	1		+-	+ 43	0.2		0.90			
	H	3.12 Providing and placing in position	+-		-	TOTAL	10.12	cum	4163.00	42137.886
		reinforcement for R.C.C. work including				1				
	6	straightening, cutting, bending binding etc		1	ļ					
-		complete as per drawings	1	1		j		1	]	
		including cost of binding wire in foundation	1							
H		and plinth all complete:								
+	2	Thermo-Mechanically treated bars FE 500D	1	10.12	601	kg/cum	607.32	Kg	54.50	33098.94
		9.2 Structural steel work riveted or bolted or	1							
		welded in built-up sections, trusses and frames work upto a height of 5m	1	1		1				
	7	above plinth level, including		1		1				
		cutting, hoisting, fixing in position and								
		applying a priming coat of red oxide			1					
'		zinc chromate primer						ł	1	
1.	$\Box$	Use ISMB150X75X5mm @ 15kg/m For	12	5.00	15.00		900			
Ľ	a	Column								
1		Use ISA65X65X5mm @ 7.7kg/m For truss	12	7.00	7.70		646.8			
L	1	(3X4)								
	- 1	Use ISA50X50X5mm @ 3.8kg/m For truss	12	5.50	3.80		250.8			
-	-	(3X4)nos	12	4.50		·				
0	7 (	Use ISA35X35X5mm @ 2.6kg/m For truss (3x4)nos	12	4.50	2.60	İ	140.4			
-	-	Use ISA30X30X5mm @ 2.2kg/m For purline	12	17.00	2.20		448.8			
6	9	(3X6)		17.00	2.20		440.0			
	1					TOTAL	2386.8	Kg	66	157528.8
Γ	9	9.3 Steel work in tubular (round, square or								1373233
	r	ectangular hollow tubes etc.) structure in built-								
		up sections, trusses and frame work including							1	
	3	cutting, hoisting, fixing in position upto a								
į		reight of 5m above plinth level, consisting of			- 1	1		1	į	
1 -	•	olumns trusses, roof and bottom purlins, base				- 1			İ	
	-	late, holding down bolts, wind ties bracing (if equired), bolts, nuts and washers for fastening	1							
		tc. complete with applying a priming coat of					l			
		ed oxide zinc								
	- 1	hromate primer	- 1				l			
	+	3.1 Electric resistance or induction butt								
а		relded tubes Grade-250				-				
b	+-	se Base Plate 5mm Thick @19.5kg/ Sqm	48	0.3	0.3	19.5	84.24			
מ		X16)				23.5	04.24			
	G	ate	1	350	_		350			
					+	Total	434.24	kg	88.5	20420.24
								1.6	00,5	38430.24

	ITEM DESCRIPTION	N	L	10	1				
1	Providing and fixing in position chain	+		В	H/D	Qty	Unit	Rate	Amount
1	llinker steel wire tabric made of 4 mm die Cit				1				
7	wire of required width in mesh to concrete			1	1	1			
- 1	wooden/ angle	l				1		1	
- 1	iron posts including securing and screwing		1			1	1		
L	with 2mm dia G.I. wire, G.I.		1			ĺ		1	
	9.43.1 Aperture 50x50mm	1	600	-	1.5	1080	-	331	257400
	Brick work with modular fly- ash lime bricks	<u> </u>	-	<del> </del>	1.5	1000	sqm	331	357480
1	(Fally Bricks) confirming IS 12804 2002 of						1		
1	class designation 4.0 in faundation and plinth in		-						
L	P.M.M. M.								
L	Brick work below Chein linking fencing		<b> </b>				<del> </del>	-	
L	Cement Mortar 1:5 (1 cement :5 coarse sand)	1	46	0.3	0.4	5.52			
		1	46	0.2	0.9	8.28			
					TOTAL	13.8	sqm	3350	18492
و ا	Extra for brick work in superstructure:				Total	8.28	Cum	171	1001.00
1	2.1 Providing and fixing form work				Total	0.20	Culli	121	1001.88
1	including								
1.	staging, propping bracing etc. complete and								
	including its removal at all levels, for:		1						
	Foundations, footings, bases of columns plinth								
a	beam, curtain wall in any shape and size and all	1	. 1	- 1	1				
L	type of wall below plinth level								
L	Colum Below Plinth Beam (4x.2)m	12x4	0.9		0.25	10.80			
L		12	1.2		1.2	17.28			
		2	46		0.3	27.60			
					Total	55.68	Sqm	139.00	7739.52
ь	Columns, Pillars, Piers and likes- rectangular or								
بر	square in shape								
	1	12x4	0.3		1.2	17.28			
					Total	17.28	Sqm	139.00	2401.92

Explain the profile sheets (PPGL) of approved gizes, shape and pitch of corrugation, total coated thickness (CT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upo 12 microns or bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upo 12 microns of size (3.5 x.55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts Smm diameter with bitumen and GI. Impet washers or with GI. Impet washers or with GI. Impet washers or with Mile lead complete upto any pitch in horizontal/ vertical or corved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.  10.5.3.0.63 mm thick sheet with zinc coating not less than 275gm/sqm  10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement concrete 1:24 (1 cement: 2 fine sand)  12.3.3 Cement concrete flooring with cement concrete 1:24 (1 cement: 2 fine sand)  12.3.3 The matrix of the complete concrete flooring with cement concrete 1:24 (1 cement: 2 fine sand)  13.1.2 Providing and making 12mm thick cement plaster of mix.  14.2.2 I Satin synthetic enamel paint 1 46 0.5 2.1 48.3 5qm 55 2656.5		ITEM DESCRIPTION	Tal	T. —						
gaphali-ye profile sheets (PPGL) of approved size, shape and pitch of corrugation, total casted thickness (TCT) 0.60 mm +/-5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 2.5 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.8 x 5 mm) with EPDM seal or with polymer conted J or L hooks, bolts and ruts 8mm diameter with GL limpet washers of with GL limpet w	S	Tig. Supply and fixing of polymer presented	N	L	В	H/D	Qty	Unit	Rate	Amount
10.10   Extra for providing and fixing wind ties of 40x6mm flat iron section   11.3 Providing and making   15mm thick cement   11.3 Providing and making   15mm thick cement   12.4 Painting on new work (two or more coats) to give an even shade with:   12.2   12.1 Satin synthetic enamel paint   14.22   15   12.2   15   12.2   15   12.2   15   12.2   15   12.2   15   12.2   15   12.2   15   14.22   15   15   15   15   15   15   15	12	size, shape and pitch of corrugation, total coated thickness (TCT) 0 60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.		17	7		. 119			
of 40x6mm flat iron section 8 17 136 metre 118 16048  11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  In Cement Mortar 1:5 (1 cement: 5 fine sand)  1 46 1.2 55.2  1 46 0.2 9.2  12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement: 2  15 coarse sand: 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  12.3.3 75 mm thick 1 15.5 6.5 100.75 Sqm 345 34758.75  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint 1 46 0.5 2.1 48.3  17 11.2 Providing and making 12mm thick cement plaster of mix.  11.2.3 In Cement Mortar 1:5 (1 cement: 5 fine sand)  1 46 0.9 41.4  1 50.4 50.5 50.5 50.5 50.5 50.5 50.5 50.5		not less than 275gm/sqm	3	17			51	metre	445	22695
14 plaster on the rough side of single or half brick wall of mix:       1 46       1.2 55.2	13	of 40x6mm flat iron section	8	17			136	metre	118	16048
1	14	plaster on the rough side of single or half brick wall of mix:								
1 46 0.2 9.2 1  12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 15 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  12.3.3 75 mm thick 14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint 1 46 0.5 2.1 48.3 5qm 55 2656.5  11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46 0.9 41.4 5cm 44.4 5cm	$\vdash$	(1 centent : 5 thic saile)	1	10						
12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2  15 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  12.3.3 75 mm thick  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3  11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46 0.9 41.4  Total 41.4 cere 1.13  Total 5.4.4  Total 5.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.4  Total 5.4.			_							
12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2  15 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  12.3.3 75 mm thick  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46  1 15.5 6.5 100.75 Sqm 345 34758.75  1 14.22.1 Satin synthetic enamel paint  1 46  1 1 2 Providing and making 12mm thick cement plaster of mix:  1 1.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46  1 0.9 41.4  1 Total 41.4 First 14.4	$\Box$			40	-					
12.3.3 75 mm thick	15	concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating				TOTAL	64.4	Sqm	113	7277.2
16       14.22 Painting on new work (two or more coats) to give an even shade with:       14.22.1 Satin synthetic enamel paint       14.22.1 Satin synthetic enamel paint       14.22.1 Satin synthetic enamel paint       14.22.1 Satin synthetic enamel paint       14.22.1 Satin synthetic enamel paint       14.22.1 Satin synthetic enamel paint       14.22.1 Satin synthetic enamel paint       14.22.1 Satin synthetic enamel paint       14.23.1 Satin synthetic enamel paint       14.24.3 Satin synthetic enamel paint       14.25.3 Satin synthetic enamel pain	-									
16 coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3  Total 48.3 sqm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46 0.9 41.4  Total 41.4 cement cement cement plaster of mix:	-		1	15.5	6.5		100.75	Sam	345	34758 75
17   11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  12.46   0.9   41.4   5 cm   1	16	coats) to give an even shade with:						1.11	- 13	34730.73
17   11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1   46   0.9   41.4   5   5   5   2656.5    Total   41.4   5   5   2656.5	-	14.22.1 Satin synthetic enamel paint	1	46	0.5	2.1	48.3	<del></del>		
sand 1 46 0.9 41.4 Total 41.4 5000	17	plaster of mix:				Total	48.3	sqm	55	2656.5
Total 414 com		11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand	1	46		0.9	41.4		+	,
	<b></b>					Total		sqm	96.5	3995.1

	ITEM DESCRIPTION	N	ĪL.	В	H/D	Qty	Unit	Rate	Amount
5	Greel work welded in built up sections/ framed						- June	Trace	Amount
1	work is cluding cutting, hoisting, fixing in an applying a priming coat of red				1	1		1	
14	oxide zinc chromate primer.								
1	In gratings, frames, guard bar, ladder, railings,			-	-		+	<del> </del>	-
	brackets, gates and similar works.								
1		1	3.1	3	30	279	İ		
Γ	Use ISA50X50X5mm @ 3.8kg/m For post	10	10		3.8	380			
					Total	659		68.00	44812
	9.43 Providing and fixing in position chain				1				
	linked steel wire fabric made of 4 mm dia G.I.						Į.		
	wire of required width in mesh to concrete/			İ					
19	wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I.								}
	staples, G.I.U-nails or steel pins etc., complete.	9						-	
	supres, G.I.O hans of steel plus etc., compress.								
' —	9.43.1 Aperture 50x50mm	1	46		1.8	82.8			
		2	6.3		1.8	11.34			
<b> </b>					Total	94.14	sqm	331	31160.34
-	14.13 Providing and applying 2mm thick ready								
	mix exterior grade approved								
20	make putty (like Birla wall care, Alltek				1	À	1 1		
	Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the								
	surface smooth and even.	1	į	1			1		
	Salace Sa	2	46		1.2	110.4			
$\vdash$		1	46		0.2	9.2			
					Total	119.60	Sqm	94.50	11302.2
	14.15 Painting exterior surface with ACRYLIC				1				
	SMOOTH exterior paint of required shade as	1			1				
21	per manufacturer's specifications to give protective and decorative finish including			1	1		1		
	cleaning washing of surface etc. complete with:	ļ	1	- 1					
	14.15.1 On new work (Two or more coats								
2	applied @ 1.43 ltr/ 10 sqm over and including								
	priming coat of exterior primer applied @ 2.20								
		2	46		1.2	110.4			
		1	46		0.2 Total	9.2	Com	56.00	5507.5
_					TOTAL	Total Es	Sqm timate a	56.00	6697.6 <b>969217.11</b>
						TOTAL ES	inate o	Say As	
		_	- LA	1	1444	fonchig	1 (-		6,33500.00

Asst. Engineer

Municipal Corporation

Korba (C.G.)

wind row compositly backet

## OFFICE OF THE MUNICIPAL CORPORATION KORBA DISTT KORBA

**DETAILE ESTIMATE** 

ame of Work :- Supplying & Fixing of Chani Link Fencing & Gate Work at Vaisalinager Ward No. 59 sor :- Schedule of Rates Public Works Department [ PWD BUILDING 01-01-2015] S.No.111- PESCRIPTION N L H/D QTY UNIT RATE AMOUNT Excavation for all types and sizes of foundations. trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area) including dressing and leveling In all types of soils. 0.40 0.40 32.00 2 100.00 2 100.00 0.40 32.00 0.40 8.19 Column Footing For Gate 1.60 1.60 1.60 1.73 For Small Gate 1.20 1.20 1.20 Plinth Beam 4.50 0.60 0.60 1.62 75.54 185.00 Cum 13974.90 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm 2 100.00 2 0.40 0.10 8.00 0.40 0.10 8.00 2 100.00 1.60 1.60 0.15 0.77 2 0.10 1 1.20 1.20 0.14 4.50 0.60 0.10 0.27 17.182 Cum 2970.00 51030.54 1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded stone aggregate 20mm nominal size) 2\*44 21.120 0.40 0.40 0.60 2\*44 0.40 0.40 0.60 8.448 3.200 2 100.00 0.20 0.08 2 100.00 0.20 3.200 0.08 35.968 Cum 4073.00 146497.65 Providing and fixing form work including centring, shuttering, strutting, staging, propping 3 bracing etc. complete and including its removal at all levels, for 10.59 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. 2\*4 1.50 0.40 4.800 2\*4 1.00 0.30 2,400 1\*4 1.10 0.30 1.320 2\*2 0.30 1.440 1.20 2\*2 0.40 1.920 1.20 1\*4 0.30 1.40 1.680 2 4.50 0.30 2.700 1.80 1.080 0.30 17.340 sqm 139.00 2410.26 Columns, Pillars, Piers and likes rectangular or square in shape 2\*2 0.30 4.00 4.800

2\*2

1\*4

76,52500

0.40

0.30

4.00

1.80

6.400

2.160

				- No.							
		A		_		-		13.36	0 sqn	n 297.0	00 3967.92
	1	Beams, lintels, cantilevers & walls		_		-		-			3307.52
and a				2 4	.50	<del> </del>	0.4	2.60			
A		P			.50		0.3	5,00			
AL		7		Annual Control of the	.80		0.3				
		,			.80		0.2				
-								7.74		202.0	1562 10
1		3.2 Providing and laying nominal mix reinforce							3911	202.0	0 1563.48
1.		cement concrete with crushed stone aggregation	d	İ							+
1 '	4	using concrete mixer in all works upto plint	e		-		1				1
L		level excluding cost of form work.	n		- 1						1
		1:11/2:3 (1 cement : 11/2 coarse sand : 3 grade	d	_	-			-			
		stone aggregate 20mm nominal size).	"								
	_			2 1.	50	1.50	0.40	1.00	-		
	_				_	1.00	_			-	
	_					1.10	_			-	-
-	-				30	0.40				<del></del>	-
-	-				30	0.30	-				+
	-				50	0.30					-
	-			1 1.8	30	0.20		_			
-	-			2 0.3	_	0.40					
_	+			1 0.3	-	0.30		-			
-	+			1 4.5	_	0.30		-			
	+		-	1 1.8	10	0.20	0.30				
	1		<del>-</del>	_	- -			5,460	cum	4163.00	22729.98
		3.12 Providing and placing in position	,	-	+				100		
	,	reinforcement for R.C.C. work including	,	1					1		1
5	1	straightening, cutting, bending, binding etc			-						
ĺ	- (	complete as per drawings including cost of	fl fl								ĺ
		binding wire in foundation and plinth all		1							
		Thermo-Mechanically treated bars FE 415			1					+	
	1							546.00	Kg	54.50	29757.00
	4									1	23737.02
		Brick work with modular fly-ash lime bricks									
		FaLG Bricks) confirming to IS:12894-2002 of									
		class designation 4.0 in foundation and plinth in:	-			1					
	۲	Cement Mortar 1:6 (1 cement : 6 coarse sand)		100.5	+						
6	-		2	100.00							
	-		2	100.00			0.300				
	-		2	100.00	-		0.300				
	1		1	4.50	-		0.300 1.200	12.000			
	-			7.50	+	.20	1.200	1.080 61.08	Curr	2252	10000
	P	roviding and making 12mm thick cement plaster			+	-		80.10	Cum	3263.00	199304.14
		f mix:									
	_	Cement Mortar 1:6 (1 cement : 6 fine sand)			+						
7			2	100.00	1	-	1.000	200.00			
			2	100.00	-		1.000				
			2	4.50	1		1.400	12.60		<del>                                     </del>	
					$\vdash$	-		412.60	Sqm	01.50	27752.0
					-	-		712.00	oqiii	91.50	37752.9)
_					-					<b> </b>	
	S	nuctural steel work in single section including									
8	Cı	atting, hoisting, fixing in position and applying a									
	pr	riming coat of red oxide zinc chromate primer.									
			2*44	2.00				176.00			
	1		2*44	2.00							
-	-	the state of the s	1-1					176.00			ĺ

700

Pasinia manaran

	bot.	ı	ı					
	1 (0+5 Angle Weight 60*60*6 (5.40				352.00			
	For 60*60*5 Angle Weight 60*60*6 (5.40				1900.80		<del>                                     </del>	<del> </del>
					1900.80	kg	61.50	116899.20
And Said								110033.20
1	viding and fixing M.S. grill of approved						<b></b>	<del>                                     </del>
	par in made of M.S. flats or square or round bars		1			1		Į.
9	welder to steel frame of windows etc. including					1		
1 - 1	applying a priming coat welded to frame with all		1				1	
1 1	necessary fitting complete including applying a					1	1	
	priming of red oxide zinc chromate primer.							
	Diagonal Braces	1*2*44	3.20		281.60			
		2*2*44	2.70		475.20	+		
		1*2*44	3.20		281.60		<b></b>	
					1513.60			
	Flat Patti 50*50*5 (1.97 kg/Meter)				2981.79			<del> </del>
	For Gate				448.00			<del>                                     </del>
					3429.79		67.50	231510.96
					3723.73	1,2	07.50	231310.90
	Painting on new work (two or more coats) to give		<del>                                     </del>		+	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
10	an even shade with:							1
	Premium synthetic enamel paint	176	0.30	1.50	79.20	-		-
	Fremum synthetic enamer paint	2*2*176	-	0.15		-		-
		1*2*176		0.15				
	F C-4	2	4.00	1.80	+	-		
	For Gate	2	1.20	1.50	3.60			
			1.20	1.50	551.28	Sam	47.00	25910.16
	D 11 1 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				331.20	Sqm	47.00	23910.16
	Providing and fixing in position chain linked							
	steel wire fabric made of 4 mm dia G.I. wire of							
11	required width in mesh to concrete/ wooden/							1 1
	angle iron posts including securing and screwing							
	with 2mm dia G.I. wire, G.I. staples, G.I.U-nails							
	or steel pins etc. complete.			+-	-			
	Aperture 75x75mm	2	100.00	1.50	300.00			<u> </u>
			100.00					<b> </b>
<u> </u>			100.00	1.50			201.00	174500.00
					600.00	Sqm	291.00	174600.00
22227	Wall painting with acrylic premium emulsion							
12	(plastic) paint of required shade to give an even							
_	shade.sqm 44.50							
	On new work (two or more coats)				442.22			
					412.60	Sqm	44.50	18360.70
	Lettering with black Japan paint, per cm height.							
					1800.00	Per lette	0.70	1260.00
							Total	
							SAY AS	1077500.00

Astt Engineer Municipal Corporation · Korba (C.G.)

### DETAILED ESTIMATE

Name of Work: - Construction of Windrow Compositing Bed at Vaisalinagar Ward no. 59
As per Sor: - Schedule of Rates Public Works Department [ PWD BUILDING 01-01-2015]

	per Sor :- Schedule of Rates Public Works I								
Sno		N	<u> </u>	B	H/D	Qty	Unit	Rate	Amount
ĺ	Excavation for all types and sizes of		1					1	
	foundations, trenches and drains or for any other purpose including disposal of excavated		ł			1		1	
1	stuff upto 1.5 m lift and lead upto 50m (at				Ī				
	least 5m away from the excavated area),	ļ				1			1
	including dressing and leveling of pits.			1		ł			Į.
-	including dressing and leveling of bits.	1	31.50	15.60	0.30	147.42		1	
		1	1.50	1.50	1.20	2.70		<b>†</b>	1
-		<u> </u>			otal	150.12	Cum	185.00	27772.20
-	Providing and laying nominal mix	<u> </u>	<del> </del>		T				<del> </del>
	reinforcement cement concrete with crushed							1	
2	stone aggregate using concrete mixer in all								
	works upto floor five level excluding cost of								1
	reinforcement and form work.								
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6								
		1	31.50	15.60	0.10	49.14			
		1	1.50	1.50	0.10	0.23			
				To	otal	49.37	Cum	2970.00	146614.05
	Providing and fixing formwork including			-					
3	centering, shuttering, strutting, staging,								
3	propping bracing etc. complete and including								1
	its removal at all levels for								
а	Foundations, footings, base of columns and								
	plinth beam in any shape and size.								
		2	31.50		0.20	12.60			
		2	15.60	لـــــا	0.20	6.24			
				To	tal	18.84	Sqm	139.00	2618.76
	Providing and laying nominal mix plain	j	1						
А	cement concrete with crushed stone aggregate	ı							
	using concrete mixer in all works upto plinth		1	1					
	level excluding cost of form work 3.1.5 1:1½:3 (1 cement : 1½ coarse sand : 3	$\dashv$							
	graded stone aggregate 20mm nominal size).	1	31.50	15.60	0.20	98.28	Cum	4073.00	400294.44
	3.12 Providing and placing in position	-+							
	reinforcement for R.C.C. work including						1	İ	
	straightening, cutting, bending, binding etc.		I	1			1	I	
	complete as per drawings including cost of		1	1		l			*
	binding wire in foundation and plinth all	1	1	1					
	Thermo-Mechanically treated bars FE 415		-				-+		
	Theme-tree lancary weated bars (L 41)	-				70.00	<u> </u>		
	20 D : F I I - : - : I :	-	+			20.00	KG	54.50	1090.00
	3.2 Providing and laying nominal mix							1	
	reinforced cement concrete with crushed stone aggregate using concrete mixer in all works		- 1	- 1				1	
	upto plinth level excluding cost of form work.							l.	1
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded	-							
	stone aggregate 20mm Nominal size)		1			1			
	AND SEE OF THE LANGING SINCE								

	ITEM DESCRIPTION								
F	A COLOR	N	<del>-</del>	В	H/D	Qty	Unit	Rate	Amount
	+ 7	1	1.50	1.20	0.15	0.27		Nutc	Amount
A P		_				0.27	Cum	4163.00	112/2/
	205						Cum	7105.00	1124.01
	3.9 Extra for precast PCC/ RCC work of any					-	-		-
	mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement: 2 coarse								
1	sand) and finishing with cement plaster in								
	Cement Mortar 1:3 (1 Cement : 3 coarse sand)		1						
1	but excluding reinforcement								
		-	+	<del> </del>	<del> </del>		-		
	7.5 Brick work with modular fly-ash lime			-	ļ	0.27	Cum	469.00	126.63
	bricks (FaLG Bricks) confirming to IS:12894-		1		ļ				
	2002 of class designation 4.0 in foundation								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)		-						
	(1 coment : o comisc saild)		1.50	0.00					
_		2	1.50	0.20	1.20	0.72			
			1.10	0.20	1.20	0.53			
	11.2 Providing and making 12mm thick					1.25	Cum	3263.00	4072.22
	cement plaster of mix:								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		1	4.40		1.60	7.04	-		
						7.04	Şgm	91.50	644.16
	Neat Cement punning.								
	· · · · · · · · · · · · · · · · · · ·	1	200.00		0.60	120.00			
						120.00	-		
	-					120.00	Sqm	33.00	3960.00
5	1.26 Carriage by mechanical transport upto 5								
	km lead:	_	177.17						
	Earth		150.12	00.000	COD T-4	150.12		111.00	16653.32
-			-	As per	SUK TOT	al Estimat			604979.79
						Sa	y Amo	unt Rs.	605000.00

Asst. Engineer
Municipal Corporation
Korba (C.G.)

## OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.) **DETAILED ESTIMATE**

Name of VVbrk :- Construction Of Shed (With Profile Sheet) At Vaishalinagar Ward No. 59 As ner Sor :- Schedule of Rates Public Works Do

	As per Sor :- Schedule of Rates Public Works I	Depar	tment f	PWD	BUIL DIN	G 01.01.2	0151		
5	10 TIEM DESCRIPTION	N	L	В	H/D	Qty		15.	<del></del>
	Surface dressing of the ground including			-	- 11/15	uty	Unit	Rate	Amount
	removing vegetation and making up		1	1					
	undulations and in-equalities not exceeding 15			1	ł	1	1		
1	ems in depth/ height including disposal of						1		
1	rubbish upto 1.5 m lift and lead upto 50m (at					1			
1	least 5m away from the dressed area).	1	1			1			
-									
-	for Gothan Shed	1	15.00	6.00		90.00			
-					Total	90.00	sqm	7.20	648.00
	Excavation for all types and sizes of								
	foundations, trenches and drains or for any			1	1				
1 2	other purpose including disposal of excavated			İ	İ	l	İ	İ	1
, ,	still upto 1.5 m lift and lead upto 50m (at least								1
1	5m away from the excavated area), including		1			l	1		
	dressing and leveling of pits.				1		1		
	Shed Footing	12	1.20	1.20	1.20	20.736		<b>†</b>	
T		1	42	0.4	0.4	6.72		1	
			1		TOTAL	27.46	cum	185.00	5079.36
	Providing and filling in plinth with sand/						1	103.00	
-	Crusher dust and hard moorum under floor in	1		Ì			1	)	1
3	layers not exceeding 20cm in depth								l
٦	consolidating each deposited layer by		1						
ı	ramming and watering, including dressing			l					
$\vdash$	1	12	1 20	1 20	0.10	4 700	<del> </del>		
L	Shed Footing	12	1.20	1.20	0.10	1.728			
L		1	42	0.4	0.1	1.68			
L					TOTAL	3.41	Cum	371.00	1264.368
	Providing and laying nominal mix cement								
4	concrete with crushed stone aggregate using								
"	concrete mixer in foundation, plinth and at								
	ground level excluding cost of form work.								
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone				1				
a	aggregate 40mm nominal size).								
H	Shed Footing	12	1.20	1.20	0.10	1.728			
H	Since 1 opting	1	42	0.4	0.1	1.68			
-		1	15.5	6.5	0.1	10.075			
-					TOTAL	13.48	cum	2970.00	40044.51
L									
	Providing and laying nominal mix							-	
	reinforcement cement concrete with crushed		ı					l	
5	stone aggregate using concrete mixer in all		ı	1	1	}			
	works upto floor five level excluding cost of		1	1				l	
	reinforcement and form work.								
Ī	1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded		1						
L"	stone aggregate 20mm nominal size).		115		0.05				
	Shed Footing	12		1.10	0.25	3.63			V 1
		12	0.40	0.40	1.00	1.92			

		ITEM DESCRIPTION	N	7.						
	F	The state of the s	12	L 0.3	В	H/D	Qty	Unit	Rate	Amount
	17	B1	1	45	0.3	0.9	0.97			Amount
			1	45	0.2	0.3	2.70			
			1	+ -3	0.2	0.1	0.90			
		3.12 Providing and placing in position	+	+	-	TOTAL	10.12	cum	4163.00	42137.886
		reinforcement for R.C.C. work including								
	6	straightening, cutting, bending hinding etc.	1							
-	- 1	complete as per drawings including cost of					1			
L		binding wire in foundation and plinth all				1	1			
Ĺ	2	3.12.2 Thermo-Mechanically treated bars FE	1	10.12	601	g/cum	507.00	-		
	- 1	9.2 Structural steel work riveted or bolted or	<del>  -</del>	10.12	1 001	g/cum	607.32	Kg	54.50	33098.94
	- 1	welded in built-up sections, trusses and frames								
	٦	work upto a height of 5m above plinth level			1			1	1 1	
	1	including cutting, hoisting, fixing in position	l				1			
	1	and applying a priming coat of red oxide zinc	1		1	1				
-		chromate primer								
100	a	Use ISMB150X75X5mm @ 15kg/m For	12	5.00	15.00		900	-		
L		Column					330			
		Use ISA65X65X5mm @ 7.7kg/m For truss	12	7.00	7.70		646.8			
L		(3X4)								
		Use ISA50X50X5mm @ 3.8kg/m For truss	12	5.50	3.80		250.8			
-	_	(3X4)nos								
1	7	Use ISA35X35X5mm @ 2.6kg/m For truss	12	4.50	2.60		140.4			
-	$\rightarrow$	(3x4)nos								
1	2 1	Use ISA30X30X5mm @ 2.2kg/m For purline	12	17.00	2.20	1	448.8			
-	-	(3X6)								
-	4	20.00				TOTAL	2386.8	Kg	66	157528.8
		9.3 Steel work in tubular (round, square or				- 1			1	
		rectangular hollow tubes etc.) structure in built- up sections, trusses and frame work including							- 1	
		cutting, hoisting, fixing in position upto a			1				1	
		height of 5m above plinth level, consisting of		1						
1		columns trusses, roof and bottom purlins, base		1		j				
		plate, holding down bolts, wind ties bracing (if			1	1				
	1	required), bolts, nuts and washers for fastening			l	1			1	
		etc. complete with applying a priming coat of			1	1			1	
	1	red oxide zinc								1
	1	9.3.1 Electric resistance or induction butt								
a		welded tubes Grade-250								
Γ.	T	Use Base Plate 5mm Thick @19.5kg/ Sqm	48	0.3	0.3	19.5	84.24			
b		(3X16)								
	1	Gate	1	350			350			
	$oldsymbol{\Gamma}$		_			Total	434.24	kg	88.5	38430.24
Γ	2	9.43 Providing and fixing in position chain								
1		inked steel wire fabric made of 4 mm dia G.I								
9	1	wire of required width in mesh to concrete/	- 1				l			
	1	wooden/ angle iron posts including securing					1			
L	_	and screwing with 2mm dia G.I. wire, G.I.	+	600		1.5	1080	5000	221	357480
	15	P.43.1 Aperture 50x50mm	1	000		1.5	1000	sqm	331	337400

	ITEM DESCRIPTION	N	L	В	lup	70.			
Æ	work with modular fly- ash lime brick	s	-	- P-	H/D	Qty	Unit	Rate	Amount
	10 (Falls Bricks) confirming IS 12894-2002 of	f	1						
	class designation 4.0 in faundation and plinth i	n			1			1	1
	Brick work below Chein linking fencing			+					
-	Cement Mortar 1:5 (1 cement :5 coarse sand)	1	46	0.2	-				
1		1		0.3	0.4	5.52			
H		<del>                                     </del>	46	0.2	0.9	8.28			
1	Extra for brick work in superstructure:				TOTAL	13.8	sqm	3350	18492
3					Total	8.28	Cum	121	1001.88
	2.1 Providing and fixing form work								
1:	including centring, shuttering, strutting,	.							
1	staging, propping bracing etc. complete and					i		}	
_	including its removal at all levels, for:				1		1	İ	1
	2.1.1 Foundations, footings, bases of columns	5							
a	The state of the s	3					Į		
$\vdash$	and all type of wall below plinth level								
	Colum Below Plinth Beam (4x.2)m	12x4	0.9		0.25	10.80			
-		12	1.2		1.2	17.28	1		
		2	46		0.3	27.60			
					Total	55.68	Sqm	139.00	7739.52
b	Columns, Pillars, Piers and likes- rectangular o	r					1		
L	square in shape				}				
L		12x4	0.3		1.2	17.28			
L					Total	17.28	Sqm	139.00	2401.92
	10.12 Supply and fixing of polymer precoated								
	galvalume profile sheets (PPGL) of approved						1 1		1
	size, shape and pitch of corrugation, total								
	coated thickness (TCT) 0.60 mm +/- 5%, epoxy						1 1		
1	primer on both side of the sheet and colour								
	polyester top coat 18-20 microns and 6-7								
	microns on bottom. Sheet should have				İ		1		
	protective guard film of 25 microns minimum								
	to avoid scratches while transportation and should be supplied in single length upto 12								
Ì	lander on an during the Continuous in about The								
12	sheet shall be fixed using self drilling /self	1 1 1	17	7	l	119	Sqm	693	82467
1	tapping screws of size (5.5x 55mm) with	1 1			l				
	EPDM seal or with polymer coated J or L								
	hooks, bolts and nuts 8mm diameter with	1 1			}				ĺ
	bitumen and G.I. limpet washers or with G.I.						1 1		
	limpet washers filled with white lead complete								
	upto any pitch in horizontal/ vertical or curved			1					
	surfaces excluding the cost of purlins, rafters	1 1							
	and trusses and including cutting to size and	1 1			1				
•	shape wherever required.				1				1
									1
	10.5.3 0.63 mm thick sheet with zinc coating	3	17			F.4			
L_	not less than 275gm/sqm		1,			51	metre	445	22695
13	10.10 Extra for providing and fixing wind ties	8	17			126			
	of 40x6mm flat iron section	لــــــــــــــــــــــــــــــــــــــ				136	metre	118	16048

	A	T ITEM DESCRIPTION	N	L	В	LUID	Ta			
	F	Providing and making 15mm thick cement		+	-	H/D	Qty	Unit	Rate	Amount
		plase in the rough side of single or half brick wall of mix:		J		1				
	1	single or half brick wall of mix:	1	ł						
	<del> </del>	In Cement Mortar 1:5 (1 cement : 5 fine sand)			+					
			1	16	-					
H	_			46	-	1.2	55.2			
H	-		1	46	-	0.2	9.2			
+	$\dashv$	Cament congrete flooring with	<u> </u>	<del> </del>		Total	64.4	Sqm	113	7277.2
	- 1	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone	ł		ł					
1	15	aggregate 20mm) finished with a floating coat								
		of neat cement.		1					1	
-	-	75 mm thick		<del> </del>		-				
$\vdash$	_		1	15.5	6.5		100.75	Sqm	345	34758.75
1	6	14.22 Painting on new work (two or more coats) to give an even shade with:								
	1	14.22.1 Satin synthetic enamel paint	1	46	0.5	2.1	48.3			
l	1					Total	48.3	sqm	55	2000
11	7	11.2 Providing and making 12mm thick cement			<b></b>	1	70,3	34111	35	2656.5
L	1	plaster of mix:				1				
L	]	n Cement Mortar 1:5 (1 cement : 5 fine sand	1	46		0,9	41,4	<b>†</b>		
						Total	41.4	5577	06.5	
	1	Steel work welded in built up sections/ framed				Total	41,4	sqm	96.5	3995.1
118	۱۱	work including cutting, hoisting, fixing in								
1	I	position and applying a priming coat of red								
L		oxide zinc chromate primer.								
	1	n gratings, frames, guard bar, ladder, railings,								
<u>_</u>	1	prackets, gates and similar works.	1	3.1	3	30	279			
L	1	Jse ISA50X50X5mm @ 3.8kg/m For post	10	10		3.8	380			
						Total			50.00	
Г	9	0.43 Providing and fixing in position chain				iotai	659		68.00	44812
1		inked steel wire fabric made of 4 mm dia G.I.	- 1					*		
	1	vire of required width in mesh to concrete/	1							
19	۲ ۰	wooden/ angle iron posts including securing		-			9			
		and screwing with 2mm dia G.I. wire, G.I.	- 1							
	s	taples, G.I.U-nails or steel pins etc., complete.								
	9	0.43.1 Aperture 50x50mm	1	46		1.8	82.8			
	$\prod$		2	6.3		1.8	11.34			
	1					Total	94.14	60.00	221	21165
	1	4.13 Providing and applying 2mm thick ready				,010,	- 1747	sqm	331	31160.34
	n	nix exterior grade approved								
20	n	nake putty (like Birla wall care, Alltek								•
1	15	uperfine W/R of (NCL), Asian, ICI,				1				
	L	lerolac, J.K. wall putty) on walls to make the								
_	s	urface smooth and even.				- 1				
_	+		2	46		1.2	110.4			
_	+		1	46		0.2	9.2			
Ц_	1					Total	119.60	5000	04.55	
						7,2.	223.00	Sqm	94.50	11302.2

	ITEM DESCRIPTION	T —							
4	5 Dainting autorian	N_	L	В	H/D	Qty	Unit	Rate	
Service of the servic	SMO H exterior paint of required shade as					-	Jiii	Nate	Amount
	per manufacturer's specifications to give	1	l	1	1				
12	protective and decorative finish including								
	cleaning washing of surface etc. complete with:				1				
	S and a second complete with:				1				
$\vdash$	14.15.1 On new work (Two or more coats	<u> </u>							
1.	applied @ 1.43 ltr/ 10 sqm over and including	1							
"	priming coat of exterior primer applied @ 2.20			ĺ					
-	2.20								
H		2	46		1.2	110.4			
$\vdash$		1	46		0.2	9.2			
H		<u> </u>			Total	119.60	Sqm	56.00	6697.6
$\vdash$		<del> </del>			Total	Estimate a			969217.11
_								Say As	

Add what rows composition 6,050000

Engineer Executive Engineer

**Sub Engineer Municipal Corporation** Korba (C.G.)

Asst. Engineer Municipal Corporation Korba (C.G.)

Municipal Corporation Korba (C.G.)

# OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.) DETAILED ESTIMATE

Name of Work: - Construction of Windrow Compositing Bed at Pump House Ward no. 14

As per Sor: - Schedule of Rates Public Works Department LEWID DUIL DING Record for 14

A:	Per Sor :- Scriedule of Rates Public Works	Depa	irtment	[PWD]	BUIL DING	3.04-04-06	3461	10. 1	•
Sn		1 1	L	В	H/D	AND A COMMENT OF STREET	CONTRACTOR SACROSS	4 =	
000	Exervation for all types and sizes of	The Statement	-	Marie - Marie	HILD	Qty	Ur	It Rate	Amount
	foundations, trenches and drains or for any	.	1	1					
1	other purpose including disposal of exervator	1		- 1	1	1			l
1 *	stuff upto 1.5 m lift and lead upto 50m (at leas	. 1						1	
	5m away from the excavated area), including								
with the same state of	dressing and leveling of pits.	, l				1			
		1	31.50	15.60	0.30	147.4			
		$-\frac{1}{1}$	1.50			Marine Section and Publishers and In-			
		<del>-</del>	1.50	_		2.70			
Application for the last	Providing and laying nominal mix	-			Total	150.12	Cur	n 185.00	27772.20
	reinforcement cement concrete with crushed			1					1
2	stone aggregate using concrete mixer in all	1	1	İ	İ				i
1	works upto floor five level excluding cost of		1		•	1		.}	}
1	reinforcement and form work,		1			1			
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded	-		-		-		-	-
	( State State State : O graded	-			-			-	
-		1	31.50	15.60	0.10	49.14			
-		1	1.50	1.50	0.10	0.23			
-	Descriding and Gring Co.	-	<b> </b>	T	otal	49.37	Cum	2970.00	146614.05
	Providing and fixing formwork including	1		1					
3	centering, shuttering, strutting, staging, propping bracing etc. complete and including			1				1	
	its removal at all levels for		1	1	ł	}	1		
	Foundations, footings, base of columns and	_		<del> </del>			-	-	-
a	plinth beam in any shape and size.		İ						
	printed and an any arrange time of a con-	2	31.50		0.20	42.22	-		
-		2	15.60		0.20	12.60	-		
			13.00		0.20	6.24			
-	3.1 Providing and laying nominal mix plain	_		10	otal	18.84	Sqm	139.00	2618.76
	cement concrete with crushed stone aggregate								
,	using concrete mixer in all works upto plinth								
1	level excluding cost of form work								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded								
	stone aggregate 20mm nominal size).	1	31.50	15.60	0.20	98.28	Cum	4073.00	10000
-	3.12 Providing and placing in position						Cuiti	4075.00	400294,44
	reinforcement for R.C.C. work including	İ	- 1	1	- 1				
	straightening, cutting, bending, binding etc.			1					
5	complete as per drawings including cost of			1					1
	binding wire in foundation and plinth all	- 1			İ		- 1	1	]
	complete:				1				
	Thermo-Mechanically treated bars FE 415								
	dented ours FE 413								
	2.2 Provide	_				20.00	KG	54.50	1090.00
	3.2 Providing and laying nominal mix	- 1	1						
6	reinforced cement concrete with crushed stone					1		ĺ	n) of Operation
	aggregate using concrete mixer in all works	- 1		1			1		Sangalas
	upto plinth level excluding cost of form work.				1	1			
								- 1	1

	/						X			
	ITEM DESCRIPTION	1	N L	В		H/D	04			
	32.1 1:11/2:3 (1 cement : 11/2 coarse sand : 3			<del></del>	-	חווט	Qty	Ur	it Rat	te Amount
1	d stone aggregate 20mm Nominal size).			1				- 1	1	
11		1	1.50	1.2	0	0.15	1 0 27			
11		$\top$		1.2	<del>-</del>	0.15	0.27			
1	3.9 Extra for precast PCC/ RCC work of any	+-		+-			0.27	Cui	m 4163.	00 1124.01
	mix including form work, hoisting and fixing			1	- 1			- 1	1	
1_	in Cement Mortar. 1:2 (1 Cement : 2 coarse		1				1			
7	(sand) and finishing with cement plaster in	1		1	- 1		1	1		
	Cement Mortar 1:3 (1 Cement : 3 coarse sand)	1		ſ				1	1	1
	but excluding reinforcement	1	1	1	- 1		1	- 1		
		-		<del></del>	+		0.27		150.00	125.52
	7.5 Brick work with modular fly-ash lime	1	+	+	+		0.27	Cum	469.00	126.63
8	bricks (FaLG Bricks) confirming to IS:12894-			1	- 1			1	1	
	2002 of class designation 4.0 in foundation	l	1		1				1	
	Cement Mortar 1:6 (1 cement : 6 coarse sand)				1			1		
		2	1.50	0.20	1	1.20	0.72	+		-
		2	1.10	0.20	+	.20	0.53	+		+
					1		1.25	Cum	3263.00	4072.22
9	11.2 Providing and making 12mm thick				1			Juni	0200.00	1072.22
9	cement plaster of mix:			•		!		1 1		
	In Cement Mortar 1:6 (1 cement : 6 fine sand)									
		1	4.40		1.	.60	7.04			
							7.04	Sqm	91.50	644.16
10	Neat Cement punning.									
		1	200.00		0.	60	120.00			<del>                                     </del>
							120.00	Sqm	33.00	3960.00
11	1.26 Carriage by mechanical transport upto 5	$\neg$				$\neg +$		24/11		3300.00
11	km lead:									
	Earth		150.12				150.12	cum	111.00	16663.32
				As per	SOR	Total	Estimat	e Amo	unt Rs.	604979.79
							Sa	y Amo	unt Rs.	605000.00

Asst. Engineer Municipal Corporation Korba (C.G.)





### **DETAILED ESTIMATE**

Name of Work :- Construction Of Shed (With Profile Sheet) At Pump House Ward No. 14.

As per Sor :- Schedule of Rates Public Works Department [ PWD BUILDING 01-01-2015]

Sno	ITEM DESCRIPTION	N	L	В	H/Đ	Qty	Unit	Rate	Amount
	1.2 Surface dressing of the ground including				12	4.9	0	11410	Amount
	removing vegetation and making up undulations							1	1
	and in-equalities not exceeding 15 cms in depth/	1	1	1		1		}	<b>\</b>
1	height including disposal of rubbish upto 1.5 m				1				1
	lift and lead upto 50m (at least 5m away from								
t	the dressed area).						1		
1	for Gothan Shed	1	15.00	6.00	<del>                                     </del>	90.00			
					Total	90.00	sqm	7.20	648.00
	Excavation for all types and sizes of								
	foundations, trenches and drains or for any other								
2	purpose including disposal of excavated stuff	İ	İ		İ		İ	ĺ	İ
	upto 1.5 m lift and lead upto 50m (at least 5m								
	away from the excavated area), including								
	dressing and leveling of pits.			·					•
	Shed Footing	12	1.20	1.20	1.20	20.736			
		1	42	0.4	0.4	6.72			
					TOTAL	27.46	cum	185.00	5079.36
	Providing and filling in plinth with sand/					6			-
	Crusher dust and hard moorum under floor in								
3	layers not exceeding 20cm in depth consolidating each deposited layer by ramming								
	and watering, including dressing etc.								
$oxed{oxed}$									
	Shed Footing	12	1.20	1.20	0.10	1.728			
_		1	42	0.4	0.1	1.68			
					TOTAL	3.41	Cum	371.00	1264.368
	Providing and laying nominal mix cement								
3	concrete with crushed stone aggregate using								
	concrete mixer in foundation, plinth and at	. 1				}			
_	ground level excluding cost of form work.								
3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone								
<u></u>	aggregate 40mm nominal size).								
	Shed Footing	12	1.20	1.20	0.10	1.728			
_		1	42	0.4	0.1	1.68			
_		1	15.5	6.5	0.1	10.075			
<u> </u>					TOTAL	13.48	cum	2970.00	40044.51
1	Providing and laying nominal mix reinforcement			-					
	cement concrete with crushed stone aggregate								_
5	level excluding cost of reinforcement and form	1		1			1		
	work.	l			- 1				
-	1:1½:3 (1 cement : 1½ coarse sand : 3 graded								
2	stone aggregate 20mm nominal size).	ŀ				ļ			
-									
t	Shed Footing	12	1.10	1.10	0.25	3.63			

L	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	ID-4	T -
01		12		_			Unit	Rate	Amount
1		12	0.3			0.97		-	<del> </del>
		1	45	0.2		2.70			<del>                                     </del>
		1	45	0.2	0.1	0.90		1	
					TOTAL	10.12	cum	4163.00	42137.886
6	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all								
R	Thermo-Mechanically treated bars FE 500D	1	10.12	601	kg/cum	607.32	. Kg	54,50	33098.94
7	9.2 Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer								
a	Use ISMB150X75X5mm @ 15kg/m For Column	12	5.00	15.00		900			
b	Use ISA65X65X5mm @ 7.7kg/m For truss (3X4)	12	7.00	7.70		646.8			
С	Use ISA50X50X5mm @ 3.8kg/m For truss (3X4)nos	12	5.50	3.80		250.8			
d	Use ISA35X35X5mm @ 2.6kg/m For truss (3x4)nos	12	4.50	2.60		140.4			
е	Use ISA30X30X5mm @ 2.2kg/m For purline (3X6)	12	17.00	2.20		448.8			
					TOTAL	2386.8	Kg	66	157528.8
	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc								
а	9.3.1 Electric resistance or induction butt welded tubes Grade-250								
ь	Use Base Plate 5mm Thick @19.5kg/ Sqm (3X16)	48	0.3	0.3	19.5	84.24			
-	Gate	1	350			350		$\neg \vdash$	
					Total	434.24	kg	88.5 3	8430.24



1	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
9	Providing and fixing in position chain linked cel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/wooden/angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.							rute	
	9.43.1 Aperture 50x50mm	1	600		1.5	1080	sqm	331	357480
10	Brick work with modular fly- ash lime bricks (FaLG Bricks) confirming IS 12894-2002 of class designation 4.0 in faundation and plinth in Brick work below Chein linking fencing				,				
		1	46	0.3	0.4	5.52	-		
	Cement Mortar 1.5 (1 cement :5 coarse sand)	1	46	0.3	0.9	8.28	<del> </del>		
		1	46	0.2	TOTAL	13.8	sgm	3350	18492
9	Extra for brick work in superstructure:				Total	8.28	Cum	121	1001.88
111	removal at all levels, for:								
a	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level			·					
T	Colum Below Plinth Beam (4x.2)m	12x4	0.9		0.25	10.80			
		12	1.2		1.2	17.28			
		2	46		0.3	27.60		120.00	
					Total	55.68	Sqm	139.00	7739.52
Ь	Columns, Pillars, Piers and likes- rectangular or square in shape			$ \bot                                   $					
		12x4	0.3		1.2	17.28			
					Total	17.28	Sqm	139.00	2401.92



Supply and fixing of polymer preceated galvars, profile sheets (PPGL) of approved size, shape and pitch of corruspation, total coated thickness (TCT) 0.60 mm ±/- 5%, epoxy primer on both side of the sheet and colour polyster top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer? In-charge The sheet shall be fixed using self drilling/self tapping screws of size (5.5x 55mm) with EPDM scal or with polymer coated J or L hooks, bolts and nuts. Smm diameter with bitumen and G.I. limpet washers or with f.G. limpet washers filled with white lead complete upto any pitch in borizontal/ vertical or curved surfaces excluding the cost of pulms, rafters and vasses and including cutting to size and shape wherever remained.  10.5.3 0.63 mm thick sheet with zinc coating not less than 275gm/sqm.  13 40x6mm flat iron section.  11.3 Providing and making 15mm thick cement 14 plaster on the rough side of single or half-brick wall of mix.  11.3.3 in Cement Mortar 1:5 (1 cement : 5 fine sand).  1 46	L	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
galvas. Spape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-12 in-charge. The sheet shall be fixed using self drilling self thapping screws of size (5.5x 5mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts Smm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers of lifed with white lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of putrins, rafters and trusses and including cutting to size and shape wherever remitted.  10.5 3 0.63 mm thick sheet with zinc coating not less than 275gm/sgm  11.3 Troviding and making 15mm thick cement 14 plaster on the rough side of single or half brick wall of nix:  11.3 Troviding and making 15mm thick cement 14 plaster on the rough side of single or half brick wall of nix:  11.3 Troviding and making 15mm thick cement 15 cement 12-4 (1 cement: 2 cearse sand: 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  12.3 Cement concrete flooring with cement concrete 12-4 (1 cement: 2 cearse sand: 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  15 graded stone aggregate 20mm) finished with a floating coat of neat cement.  16 14.22 Panning on new work (two or more coats) to give an even shade with:  17 5 mm thick  18 1.22 Panning on new work (two or more coats) to give an even shade with:  19 2.24 In thick cement 2 plants of mick cement 2 plants of mick.  11.25 In Cement Mortar 1:5 (1 cement: 3 fine sand) sand sand making 12mm thick cement 2 plants of mix.  11.25 In Cement Mortar 1:5 (1 cement: 3 fine sand) sand sand sand sand sand solution, hoisting, fixing in position and applying a priming coat of red cement.		Supply and fixing of polymer precoated			+	1110	- w.y	- 01111	- Rato	Amount
size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy prime on both side of the sheet and colour polyester top coat. 18-20 microns and 6-7 microns on bottom Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-12 in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and muts 8mm diameter with bitumen and G.1. limpet washers or with G.1 limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purins, rafters and trusses and including cutting to size and shape wherever required 10.53 0.63 mm thick sheet with zine coating not less than 275gm/sqm  13 10.10 Extra for providing and fixing wind fies of 40x6mm flat iron section 11.3 Providing and making 15mm thick cement 11.9 laster on the rough side of single or half brick wall of mix: 11.33 in Cement Mortar 1:5 (I cement: 5 fine sand) 1. 46 0.2 9.2 1. 10.0 Extra for providing with cement concrete flooring with cement 2.5 coarse sand: 4 graded storal aggregate 20mm) finished with a floating coat of neat cement. 1 1.55. 6.5 100.75 Sqm 3.45 34758.75 1. 12.3 Cement concrete 12-4 (I cement: 2 coarse sand: 4 graded storal aggregate 20mm) finished with a floating coat of neat cement. 1 1.55. 6.5 100.75 Sqm 3.45 34758.75 1. 12.2 Pounding and making 12mm thick cement plaster of mix. 1. 12.2 I starts symhetic enamel paint 1 46 0.5 2.1 48.3 sqm 55 2655.5 1. 12.2 Providing and making 12mm thick cement plaster of mix. 1. 12.2 In Cement Mortar 1:5 (I cement: 5 fine sand 2.5 coarse sand: 4 graded storal symbol storal graded south including cutting, hoisting, fixing in position and applying a priming coat of red coxide zince chromate primer.	(C)	4. 75 L 100 A			j		1			
thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top cost 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid stratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-12 inc-charge. The sheet shall be fixed using self drilling self til projes screws of size (5.5x. 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and muts Smm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers or with eleast complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remuter? 10-5x 3 0-63 mm thick sheet with zinc coating not less than 275gm/sgm.  13 10-10 Extra for providing and fixing wind ties of 40x6mm flat iron section.  113 Providing and making 15mm thick cement plaster on the rough side of simple or half brick wall of mix:  113-13 in Cement Mortar 1:5 (I cement: 5 fine sand).  123 Cement contrete flooring with cement flooring with cement flooring with cement flooring with cement.  15 concrete 1-24 (I cement: 2 cearse sand: 4 graded store aggregate 20mm) finished with a floating coat of neat cement.  15 mix flooring on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing on new work (two or more coats) trailing or trailing or trailing out the position and applying a priming coat of red coxide zance thorouste primer.	10						1	1		
on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metro or as desired by Engineer-12 in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and must 8mm diameter with bitumen and G.I. Impet washers filled with white lead complete upto any pitch in horizontal vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever resulted 10.5x 30 so mm thick sheet with zinc coating not less than 275gm/sqm.  130 1010 Extra for providing and fixing wind ties of 4x0x6mm Bat iron section 11.3 Providing and making 15mm thick cement 44 plaster on the rough side of single or half brick wall of mix:  113.3 In Cement Mortar 1.5 (1 cement : 5 fine sand) 1 46 0.2 9.2 1 1.3 Cement concrete flooring with cement 15 graded storage aggregate Opmn) finished with a floating coat of neat cement.  15 mm thick 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.22 Painting on new work (two or more coats) 15 for give an even shade with: 14.24 painting on new work (two or more coats) 15 for give an even shade with: 14.25 (a cement : 5 fin								1		
top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-12 in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and rurs 8mm diameter with bittumen and G.I. limpet washers or with G.I. limpet washers or with G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purinis, raffers and trusses and including cutting to size and shape wherever remuired.  10.5.3 0-83 mm thick sheet with zinc coating not less than 275gm/sqm.  11.3 Providing and making 15mm thick cement plaster or the rough side of single or half brick wall of mix.  11.3 In Cement Mortar 1:5 (I cement: 5 fine sand)  12.3 Cement concrete flooring with cement floating coat of near cement.  13 defended stone aggregate 20mm) finished with a floating coat of near cement.  14 part or mick  15 concrete 12:4 (I cement: 2 coarse sand: 4 graded stone aggregate 20mm) finished with a floating coat of near cement.  175 mm tick  18	1 1	4 7 4			1					
bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-12 in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bobts and mits 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal vertical or curred surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remuired. 10.5, 3 0.63 mm thick sheet with zinc coating not less than 275gm/sqm.  13 10.10 Extra for providing and fixing wind ties of single or half brick wall of mix: 113 3 in Cement Mortar 1:5 (I cement: 5 fine sand). 1 46 1.2 55.2 1 1 46 1.2 55.2 1 1 46 1.2 55.2 1 1 46 1 1.2 55.2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1									
of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. Impet washers or with G.I. Impet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 10.5.3 0.63 mm thick sheet with zinc coating not less than 275gm/sqm 13 10.10 Extra for providing and fixing wind ties of single or half brick wall of mix.  11.3 Providing and making 15mm thick cement 4 plaster on the rough side of single or half brick wall of mix.  11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  12.3 Cement concrete flooring with cement concrete 1:2.4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  15 m thick  16 14.22 Painting on new work (two or more coats) to give an even shade with:  17 m thick  18 1.2 Tovoiding and making 12mm thick cement plaster of mix.  19 1.2 Providing and making 12mm thick cement plaster of mix.  19 1.2 Providing and making 12mm thick cement plaster of mix.  10 1.2 Providing and making 12mm thick cement plaster of mix.  11.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  12 46 0.5 2.1 48.3 sqm 55 2656.5		•								
transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts Smm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remired.  10.3 3 0 63 mm thick sheet with zinc coating not less than 275gm/sqm  13 10.10 Extra for providing and fixing wind fies of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement labster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (I cement : 5 fine sand)  1 46 0.2 9.2  12.3 Cement concrete flooring with cement concrete 1:24 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  75 mm thick  12.3 Cement concrete flooring minished with a floating coat of neat cement.  75 mm thick  14 42 Painting on new work (two or more coats) to give an even shade with:  14 12.2 I Satin synthetic enamel paint  15 or give an even shade with:  16 or give an even shade with:  17 Just or give an even shade with:  18 Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red coxide zinc chromate primer.						1	1	1	1	
length upto 12 metre or as desired by Engineer- in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purins, rafters and trusses and including cutting to size and shape wherever remirch 10.5 3 0.63 mm thick sheet with zinc coating not less than 275gm/sqm less than 275gm/sq	1 1					1	ĺ	1		
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12 in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purins, rafters and trusses and including cutting to size and shape wherever remined.  10.3 3 0.6 3 mm thick sheet with zinc coating not less than 275gm/stqm.  10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section.  11.3 Providing and making 15mm thick cement plaster or the rough side of single or half brick wall of mix.  11.3.3 In Cement Mortar 1:5 (I cement: 5 fine sand).  11.3.3 In Cement Mortar 1:5 (I cement: 5 fine sand).  12.3 Cement concrete flooring with cement concrete 1:2-4 (I cement: 2 coarse sand: 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  75 mm thick  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint.  15.3 In Cement Mortar 1:5 (I cement: 5 fine sand).  16.4 A 22 Painting on new work (two or more coats) to give an even shade with:  17.5 In thick  18.				17	7		119	Sam	693	82467
with EPDM seal or with polymer coated J or L hooks, bolts and nuts Smm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remitted.  10.3 0.63 mm thick sheet with zinc coating not less than 275gm/sqm  10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  1 46 1.2 55.2  1 12.3 Cement concrete flooring with cement concrete 1:2.4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  75 mm thick  14.22 Painting on new work (two or more coats) to give an even shade with: 14.22.1 Sanin synthetic enamel paint  17 plaster of mix.  11.23 In Cement Mortar 1:5 (1 cement : 5 fine sand)  18 position and applying a priming coat of red oxide zinc framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.			1	17	'		113	] 54		
EPDM seal or with polymer coated J or L hooks, bolts and nuts Smm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remitted.  10.5 3 0 63 mm thick sheet with zinc coating not less than 275gm/sqm  10.10 Extra for providing and fixing wind ties of sold Aoxform flat iron section.  11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand).  1 46 1.2 55.2  1 46 0.2 9.2  1 2.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  75 mm thick  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin symthetic enamel paint.  17. 11.2 Sin Cement Mortar 1:5 (1 cement : 5 fine sand).  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	1	Irilling /self tapping screws of size (5,5x 55mm)			1				}	1
bolts and nuts Smm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remured.  10.5.3 0.63 mm thick sheet with zinc coating not less than 275gm/sqm  10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement providing and making 15mm thick cement provided to the providing and making 15mm thick cement provided to the providing and making 15mm thick provided the provided provided to the providing and making 15mm thick provided p					ł		1	1		1
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G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remained 10.5.3 0.63 mm thick sheet with zinc coating not less than 275gm/sqm  13 10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (I cement : 5 fine sand)  1	1 1	bolts and nuts 8mm diameter with bitumen and					İ	1		1
filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever remired 10.5.3 0 63 mm thick sheet with zinc coating not less than 275gm/sqm 13 10.10 Extra for providing and fixing wind ties of less than 275gm/sqm 11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (I cement : 5 fine sand)  11.46	1 1	G.I. limpet washers or with G.I. limpet washers								
the rizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 10.5 3 0.6 mm thick sheet with zinc coating not less than 275gm/sqm 11.0 Extra for providing and fixing wind ties of 40x6mm flat iron section 11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 11.3.3 In Cement Mortar 1.5 (1 cement : 5 fine sand) 1 46 0.2 9.2 13.3 In Cement Mortar 1.5 (1 cement concrete 1:2.4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 1 15.5 6.5 100.75 Sqm 3.45 34758.75 14.22 Instinting on new work (two or more coats) to give an even shade with: 14.22 Instin synthetic enamel paint 1 46 0.5 2.1 48.3 Sqm 55 2656.5 11.2 In Cement Mortar 1.5 (1 cement : 5 fine sand) 1 46 0.9 41.4 Sqm 96.5 3995.1 Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	1 1	filled with white lead complete upto any pitch in								
including cutting to size and shape wherever remuter!  10.53 0.03 nm thick sheet with zinc coating not less than 275gm/sqm  13 10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (i cement : 5 fine sand)  1 46  1 2.5 55.2  1 2.3 Cement concrete flooring with cement concrete flooring with cement afloating coat of neat cement.  15 graded stone aggregate 20mm) finished with a floating coat of neat cement.  16 14.22 Painting on new work (two or more coats) to give an even shade with:  1 12.2 Total 12.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  1 1 46  1 1 46  1 1 15.5 6.5  1 100.75 Sqm 345  34758.75  11.2 Providing and making 12mm thick cement plaster of mix.  11.2 Providing and making 12mm thick cement plaster of mix.  11.2 In Cement Mortar 1:5 (1 cement : 5 fine sand)  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	1	horizontal/ vertical or curved surfaces excluding						1		
including cutting to size and shape wherever remuter!  10.53 0.03 nm thick sheet with zinc coating not less than 275gm/sqm  13 10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (i cement : 5 fine sand)  1 46  1 2.5 55.2  1 2.3 Cement concrete flooring with cement concrete flooring with cement afloating coat of neat cement.  15 graded stone aggregate 20mm) finished with a floating coat of neat cement.  16 14.22 Painting on new work (two or more coats) to give an even shade with:  1 12.2 Total 12.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  1 1 46  1 1 46  1 1 15.5 6.5  1 100.75 Sqm 345  34758.75  11.2 Providing and making 12mm thick cement plaster of mix.  11.2 Providing and making 12mm thick cement plaster of mix.  11.2 In Cement Mortar 1:5 (1 cement : 5 fine sand)  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.		the cost of purlins, rafters and trusses and								
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less than 275gm/sqm  13 10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  14 11.3 Providing and making 15mm thick cement single or half brick wall of mix:  15 11.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  1	<u> </u>	required		4.7			51	metre	445	22695
13 d0.10 Extra for providing and fixing wind ties of 40x6mm flat iron section  11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (I cement : 5 fine sand)  1 46 1.2 55.2  1 146 0.2 9.2  1 2.3 Cement concrete flooring with cement concrete flooring with cement afloating coat of neat cement.  15 graded stone aggregate 20mm) finished with a floating coat of neat cement.  16 14.22 Painting on new work (two or more coats) to give an even shade with:  17 12.3 Tement Mortar 1:5 (I cement : 1 46 0.5 2.1 48.3 sqm 55 2656.5)  17 11.2 Providing and making 12mm thick cement plaster of mix.  11.2.3 In Cement Mortar 1:5 (I cement : 5 fine sand  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.			3	1/			71	111011		
11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  1	$\vdash$	less than 2/3gm/squi	_				136	metre	118	16048
40xcmm tart on sections of single or half brick wall of mix:  11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)  1	13	10.10 Extra for providing and fixing wind and	8	1/			150			
11.3.3 In Cement Mortar 1:5 (I cement : 5 fine sand)  1 46 1.2 55.2  1 146 0.2 9.2  12.3 Cement concrete flooring with cement concrete 1:2.4 (I cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  15 to give an even shade with:  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3  11.2 Providing and making 12mm thick cement plaster of mix:  11.2 In Cement Mortar 1:5 (I cement : 5 fine sand  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	_	40x6mm that from section						1		
single or half brick wall of mix:  11.3.3 In Cement Mortar 1:5 (I cement : 5 fine sand)  1		11.3 Providing and making 15mm size								
11.3.3 In Cement Mortar 1:5 (I cement : 5 fine sand)	14	plaster on the rough side of								
1	<u> </u>	single of flan orick want of 1:5 (I cement: 5 fine						1 1	1	
1 46 0.2 9.2   Total 64.4 Sqm 113 7277.2  12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  75 mm thick  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3   Total 48.3 sqm 55 2656.5  17 plaster of mix:  11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.										
12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  1 15.5 6.5 100.75 Sqm 345 34758.75  16 14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint 1 46 0.5 2.1 48.3 sqm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand 12.3 In Cement Mortar 1:5 (1 cement : 5 fine sand 14.4 sqm 96.5 3995.1  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	-	(Sand)	1	46		1.2				
12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.  75 mm thick  1 15.5 6.5 100.75 Sqm 345 34758.75  16 14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint 1 46 0.5 2.1 48.3 sqm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand Total 41.4 sqm 96.5 3995.1  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	_		1	46		0.2	9.2			
concrete 1:2:4 (1 cement: 2 coarse said:	-					Total	64.4	Sqm	113	7277.2
concrete 1:2:4 (1 cement: 2 coarse said:	_	and a second flooring with cement								
floating coat of neat cement.  75 mm thick  1 15.5 6.5 100.75 Sqm 345 34758.75  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint 1 46 0.5 2.1 48.3 sqm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand Total 41.4 sqm 96.5 3995.1  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.		1.2.4 (1 cement : 2 coarse salid . 4				1			1	ļ
floating coat of neat cement.  75 mm thick  1 15.5 6.5 100.75 Sqm 345 34758.75  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint 1 46 0.5 2.1 48.3 sqm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand Total 41.4 sqm 96.5 3995.1  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	15	concrete 1:2:4 (1 cement 12 course) finished with a				1			- 1	- 1
75 mm thick  14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3 5qm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.							100.75	6	245	34758.75
16 14.22 Painting on new work (two or more coats) to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3  10 14.22.1 Satin synthetic enamel paint  1 1 46 0.5 2.1 48.3  1 1.2 Providing and making 12mm thick cement plaster of mix.  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46 0.9 41.4  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	-		1	15.5	6.5		100.75	Sqm	343	34730.76
to give an even shade with:  14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3  Total 48.3 sqm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	_	13 Ball division and work (two or more coats)							1	
14.22.1 Satin synthetic enamel paint  1 46 0.5 2.1 48.3  14.22.1 Satin synthetic enamel paint  1 146 0.5 2.1 48.3  Total 48.3 sqm 55 2656.5  17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46 0.9 41.4  Total 41.4 sqm 96.5 3995.1  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	16	14.22 Painting on new work (the or many								
17 11.2 Providing and making 12mm thick cement plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  11.2.4 In Cement Mortar 1:5 (1 cement : 5 fine sand  12.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  13.4 In Cement Mortar 1:5 (1 cement : 5 fine sand  14.4 In Cement Mortar 1:5 (1 cement : 5 fine sand  15.5 In Cement Mortar 1:5 (1 cement : 5 fine sand  16.5 In Cement Mortar 1:5 (1 cement : 5 fine sand  17.5 In Cement Mortar 1:5 (1 cement : 5 fine sand  18.5 In Cement Mortar 1:5 (1 cement : 5 fine sand  19.5 In Cement Mortar 1:5 (1 cement : 5 fine sand  10.9 In Cement Mortar 1:5 (1 cement : 5	<u> </u>	to give an even shade with.	1	46	0.5					2555.5
plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46  5teel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	-	14.22.1 Satin 3ynatore -				Total	48,3	sqm	- 55	2656.5
plaster of mix:  11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand  1 46  5teel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	$\vdash$	11.2 Providing and making 12mm thick cement							1	
11.2.3 In Cement Mortar 1:5 (1 cement : 3 line sand  1 46 0.9 41.4 sqm 96.5 3995.1  Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	17	l l total of mix:								
Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	-	11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine					41.4			
Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	1		1	46					965	3995.1
work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.						iotal	41.4	Sqiii	30.3	
work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	<u> </u>	Steel work welded in built up sections/ framed				1				
position and applying a priming coat of red oxide zinc chromate primer.		learners including cutting hoisting, fixing in				i	1			
oxide zinc chromate primer.	18	position and applying a priming coat of red				1				
Z		oxide zinc chromate primer.								

40	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
100	ratings, frames, guard bar, ladder, railings,			1	15	- Carry	Onic	Nate	Amount
1652	brack, gates and similar works.	1	3.1	3	30	279	ļ		
	Use ISA50X50X5mm @ 3.8kg/m For post	10	10		3.8	380		1	
					Total	659	<u> </u>	68.00	0 44812
_	9.43 Providing and fixing in position chain			†		1	+		1,012
	linked steel wire fabric made of 4 mm dia G.L					1		1	
	wire of required width in mesh to concrete/				1	1	1	1	1
19	wooden/ angle iron posts including securing and				l				
	screwing with 2mm dia G.I. wire, G.I. staples,								
	G.I.U-nails or steel pins etc., complete.						j		
	9.43.1 Aperture 50x50mm	1	46		1.8	82.8			
		2	6.3		1.8	11.34			
					Total	94.14	sqm	331	31160.34
	14.13 Providing and applying 2mm thick ready								
	mix exterior grade approved					e e e e e e e e e e e e e e e e e e e			
1	make putty (like Birla wall care, Alltek								
1	Superfine W/R of (NCL), Asian, ICI,						1 1		
	Nerolac, J.K. wall putty) on walls to make the surface smooth and even.		1						
-	surface smooth and even.	2	46		1.2	110.4			-
-		1	46		0.2	9.2			+
$\vdash$		-			Total	119.60	Sqm	94.50	11302.2
	14.15 Painting exterior surface with ACRYLIC				10001	115.00	Jan	34.30	11302.2
	SMOOTH exterior paint of required shade as	1		1					
	per manufacturer's specifications to give		ł	1	İ				
2	protective and decorative finish including								
	cleaning washing of surface etc. complete with:		İ						1
-	14.15.1 On new work (Two or more coats								
a	1: 10 1 40 1: /10			1	- 1				
1	priming coat of exterior primer applied @ 2.20			-					
		2	46	$\dashv$	1.2	110.4			· ·
		1	46		0.2	9.2			
					Total	119.60	Sqm	56.00	6697.6
L					Total E	969217.11			
	<u> </u>							Say As	970000.00

+ 6.02000.00

Asst. Engineer

Municipal Corporation

Korba (C.G.)

Executive Engineer
Municipal Corporation

Korba (C.G.)