कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 223/2024

सिस्टम टेंडर नं. 154273

कोरबा दिनांक 14.03.2024

ई-निविदा आमंत्रण सूचना

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 एवं विद्युत कार्य हेतु 01.06.2020 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 निविदा प्रपत्र फार्म A में निविदा आमंत्रित की जाती है :-

יואורוו	AN ORCH &						
क .	कार्य का नाम	प्राक्कलन राशि	धरोहर राशि	कार्यावधि	निविदा प्रतिसागी	ठेकेदार का	, , , , , , , ,
+ 1		ं (लाख में)	(FDR/TDR)	,	शुल्क (DD)	वर्ग	की तिथि
1.	वार्ड क 02 अंतर्गत स्टेडियम परिसर में कॉईल	164.72	123600/-	7 माह	3000/-	वर्ग सी एवं	09.04.2024 से
130	फेंसिंग सहित बाउंड्रीवाल का निर्माण एवं हाईट एक्सटेंसन कार्य (जिला खनिज मद)				S S S H M	प्रवर श्रेणी	
	(प्राट्सा प्रथम (जिसा खानेज नेप)						

शर्तः-

. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयष्टमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी

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।

इच्छुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटनेरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुंकता प्रमाण पत्र पेन नम्बर, जी. एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा. प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा ।

- अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का DD एवं शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रिजस्टर्ड डाक के माध्यम से निविदा खुलने की तिथि में दोपहर 3.00 बजे तक आयुक्त,नगर पालिक निगम,कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन 495677 कोरबा को उपलब्ध कराना अनिवार्य होगा।
- 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 (राशि रू. 100/— नॉनंज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का DD जो कि आयुक्त, नगर पालिक निगम कीरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।

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।

जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन करांकर कोड प्राप्त कर

लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।

- निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्ती 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।
- र ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।

8. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।

- 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., पीस्ट 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 मीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयाविध में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
- 10. ि निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा।

11. निविदा प्रपत्र फार्म –ए की कंडिका 11 अनुसार एस्कलेशन देय नहीं होगा।

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 प्रास सुरक्षित रहेगा।

13. निविदा स्वाकृत करने अवया अरवाकृत करने अवया निरास करने के साकत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है।

कार्यपालक सियंता मगर पालिक निगम कोरबी (एत्तीसगढ़)

ਸ਼ਰਿਕਿਸ਼ਿ_

Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
No.		The same of the sa	Date	Time	Date	Time	Justin Berlings
1	Release Tender		14.03.2024	15.00	14.03.2024	15.00	Release Tender
2		Bid Submission	14.03.2024	15.00	08.04.2024	17.30	
3		Physical Document Submmission	14.03.2024	15.00	09.04.2024	15.00	
4	Tender Open	- PR	09.04.2024	16.00	-		

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

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

Name of work -Construction of boundary wall ,Height extension with Coil fencing at stadium ward no 02

As per SOR Schedule of rates public works department[PWD BUILDING-01-01-2015]

As per SOR Schedule of rates public works department[PWD BUILDING-01-01-2015]										
S. N.	SOR Rof.	ITEM DESCRIPTION	NO	L	В	D/H	QTY	UNIT	RATE	AMOUNT
1	1 1	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 of								
1 1		In all types of soil								
1 1		column	401	1 50	1 50	1,50	1353.38			
		for expansion	50		1 50		168.75			
1 1		below plinth	1	1200.00	0.40		288.00			
1 1		Delow piirtus	<u>'</u>	1200.00	0.40	Total	1810.13		185 00	334873 13
2	21	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for								
	1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
. [451	4	1 30		586.30			
			451	4	0.90	0.50	811.80			
\perp			451	1 00 1200		1 50 0.30	676.50 720.00			
\vdash		plinth beam		1200		Total	2794.60	Sam	139.00	388449 40
-		Columns, Pillars, Piers and likes- rectangular or square in shape								
一			451	1.00		2.4	1082.4			
			425	1.00		0.9	382.5			
						Total	1464.90	sqm	297.00	435075 30
3	1	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including								
_		column	451	1.50	1 50	0.10	101.48			
-		pelow plinth	1	1200.00	0.40	0.10	48.00 149.48	Cum	371.00	55455 23
4	\$! !	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.				Total	149.48	Cum	371.00	55455 23
	3 1 9 1	4 8 (1 cement 4 coarse sand 8 graded stone aggregate 40mm nominal size)								
4	L	column	451	1.50	1.50	0.10	101.48	1	L	

Filling from available excinated stuff Filling from available excinated stuff Excluding rocky in frenches plinth sides of foundation etc. In layers not exceeding 20cm in depthonsolidating each deposited layer by ramming and watening with a depthonsolidating each deposited layer by ramming and watening with a depthonsolidating each deposited layer by ramming and watening with a layer concrete mixer in all works uplot plinth level excluding cost of form 11 if Ys 31 cement 11% coarse sand 3 graded stone aggregate 20mm normal size) Frat C1				- /							
Filing from available excavated stuff Excluding rock) in trenches Insight sides of foundation etc in layers not exceeding 20cm in depthicusoidating each deposted layer by ramming and watering with a Insight side of foundation etc. In depthicusoidating each deposted layer by ramming and watering with a Insight side of foundation etc. In depthicusoidating each deposted layer by ramming and watering with a Insight side of foundation etc. Insight side of layer by ramming and watering with a Insight side of layer by ramming and watering with a Insight side of layer by ramming and watering with a Insight side of layer by ramming and watering with a Insight side of layer by ramming and watering with a Insight side of layer by ramming and layer greater 20mm commal size) Insight side of layer by ramming and side of layer by ramming and a layer greater 20mm commal size) Insight side of layer by ramming and side of layer by ramming and placing in position reinforcement for R C C work including straightsmig cutting bending binding etc complete as per drawings including cost of or landing write in foundation and plinth in Insight side of layer by ramming layer			below plinth	1	1 1200 00						e y c ome an alled some the assertion of support the minds of printed or
(Exclusing rock) in trenches players not exceeding 20cm in dephiconsolidating each deposited layer by ramming and watering with a layers not exceeding 20cm in dephiconsolidating each deposited layer by ramming and watering with a layers not exceeding 20cm in dephiconsolidating each deposited layer by ramming and watering with a layer and layers and successful and the layers and a layer great using concrete mixer in all works upto plinth level exclusion cost of form 11 11 3/3 (1 cement 11 Course sand 3 graded stone aggregate using concrete macer in all works upto plinth level exclusion cost of form normal size) 451 1.30 1.30 0.25 1.90.55 190.55 190.55 173.3 (1 cement 11 Course sand 3 graded stone aggregate 20mm normal size) 451 0.20 0.300 1.50 40.59 190.55 190.		1		 	1200 00	0.40					
Column below plinth Asia Column below plinth beam Asia Column below plinth Asia Column be		19	Filling from available excavated stuff	-	 	-	Total	149 4	B Cum	2659 00	397454 03
Initial Sides of foundation etc in layers not exceeding 20cm in deptheonsolidating each deposted layer by ramming and watering with a Total 369 00 Cum 65 00 23985 0			(Cycloding tock) in temperature		1	l					
Section Sect			plinth sides of foundation etc. in		1	1	1	J	1	i	
ayet by ramming and watening with a		A	layers not exceeding 20cm	l	1	İ	1		1		
layer by ramming and watering with a	1	7	depthconsolidating each deposited		}	l	i		1	1	
6 32 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form nominal size) 111/2 (1 cement 112 coarse sand 3 graded stone aggregate 20mm nominal size) 12309 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A		layer by ramming and watering with a			1	İ		1		
3 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form 1 11/3 (1 cement 1 1/4 coarse sand 3 graded stone aggregate 20mm nominal size) 1 11/3 (1 cement 1 1/4 coarse sand 3 graded stone aggregate 20mm nominal size) 1 1200 00 200 0 300 0 150 40 59	7			_		 	Total	200.0	-		
Internative accessed concerte with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form 11 1/3 (1 cement 1 1½ coarse sand) 3 graded stone aggregate 20mm nominal size) 11 1/3 (1 cement 1 1½ coarse sand) 3 graded stone aggregate 20mm nominal size) 1 1/3 (1 cement 1 1½ coarse sand) 1 1/3 (1 cement 1 1½ coarse sand) 1 1/3 (1 20 00 0 200 0 300 0 150 182 66 1 1/3 (1 20 00 0 200 0 300 0 150 182 66 1 1/3 (1 20 00 0 200 0 300 0 150 182 66 1 1/3 (1 20 00 0 200 0 300 0 150 182 66 1 1/3 (1 20 00 0 200 0 300 0 20 0 300 0 150 1 1/3 (1 20 00 0 200 0 10 0 10 0 10 0 10 0 10	L					1	lotai	369 00	Cum	65 00	23985 00
Column below pinth	6	32	Providing and laying nominal mix			 		 			
Crushed stone aggregate using concrete mixer in all works uplo phinh level excluding cost of form 111/3 (1 cement 1 1/5 coarse sand 3 graded stone aggregate 20mm normal size) raft c1		l	reinforced cement concrete with	1			i	1			
plinth level excluding cost of form 11 1/3 /3 (1 cement 1 1/2 coarse sand 3 graded stone aggregate 20mm nominal size) raft c1		l	crushed stone aggregate using	1				1	1		
11 11 % 3 (1 cement 1 1/x coarse sand 3 graded stone aggregate 20mm nominal size) raft c1		l	concrete mixer in all works upto					1	1		
3 graded stone aggregate 20mm nominal size)			plinth level excluding cost of form		i						
3 graded stone aggregate 20mm nominal size) 130 130 025 190 55 190 1		1	1 11/2 3 (1 cement 11/2 coarse sand						+		
Informal size Infact In		1	3 graded stone aggregate 20mm		1				1	1	
1 1200 00 0.50 182 66			nominal size)		1	İ			1		
Column below plinth			raft c1	451	1 30	1 30	0.26	100 E			
Section Sect											
Dinth beam			column below plinth								
451 0.20 0.300 2.40 64.94			plinth beam								
426 0 20 0 300 0 90 22 95				_							
1 2200 00 0 20 0 20 88 00 88 00 2754600 9											
7 3 12 Providing and placing in position reinforcement for RCC work including straightening. cutting bending bending to complete as per drawings including cost of binding wire in foundation and plinth. 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 and plinth in 3 Cement Mortar 16(1 cement 6 coarse sand) 9 7 6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth bricks using concrete mixer in all works upto plinth level excluding cost of form work 5 11½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 10 Cement Mortar 1 6 (1 cement 6 comment plaster of mix 4 In Cement Making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6 comment concrete for foundation and plinth level excluding cost of form work 5 11½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 10 Cement Mortar 1 6 (1 cement 6 comment concrete for foundation and plinth level excluding cost of form work 5 11½ 112 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6				1							
8 75 Bnck work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS 12894-2002 of class designation 4 0 in foundation and plinth in 3 Cement Mortar 1 6 (1 cement 6 coarse sand) 9 76 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth in 3 1 Providing and aligning nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upon plinth level excluding cost of form work 5 11½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 1200 00 0 20 0 05 22 00 0 0 0 0 0 0 0 0 0				•	2200 00	0 200				4460.00	077.1000
Teinforcement for R C C work Including straightening cutting bending binding etc complete as per drawings including cost of binding wire in foundation and plinth	7	3.12	Providing and placing in position				lotal	661 69	Cum	4163 00	2754600 90
including straightening. cutting bending bending bending bending bending bending bending etc complete as per drawings including cost of binding wire in foundation and plinth 85 661 69 56243 35 kg 54 50 3065262 7 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 3 Cement Mortar 1 6(1 cement 6 coarse sand) 1 1200 00 0 20 0 40 96 00 1 1065 00 0 20 2 40 511.20 1 1000 00 0 20 0 90 180 00 Total 787 20 Cum 3263 00 2568633 6i 5 1 1/2 3 1 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 5 1 11/3 3 (1 cement 11/2 coarse sand 3 graded stone aggregate 20mm nominal size) 1 12 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6	- 1						i				
bending binding etc complete as per drawings including cost of binding wire in foundation and plinth 85 661 69 56243 35 8 75 Binck work with modular fly-ash lime bincks (FaLG Bincks) confirming to IS 12894-2002 of class designation 4 0 in foundation and plinth in 3 Cement Mortar 1 6(1 cement 6 coarse sand) 1 1000 00 0 20 0 40 96 00 1 1065 00 0 20 2 40 511 20 1 1000 00 0 20 0 90 180 00 7 6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth 3 1 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 5 1 1 1/3 3 (1 cement 1 ½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 12 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)			1				- 1		1 1		
Per drawings including cost of binding wire in foundation and plinth 85 661 69 56243 35					1				1 1		
Binding wire in foundation and plinth 85 661 69 56243 35	- 1		per drawings including cost of		1 1	5					
85 661 69 56243 35 8 3065262 7 B 75 Bnck work with modular fly-ash lime bricks (FaLG Bncks) confirming to IS 12894-2002 of class designation 4 0 in foundation and plinth in 3 Cement Mortar 1 6(1 cement 6 coarse sand) 1 1200 00 0 20 0 40 96 00 1 1 1065 00 0 20 2 40 511.20 1 1 1000 00 0 20 0 96 00 1 1 1065 00 0 20 0 20 0 180 00 1 1 1000 00 0 20 0 180 00 1 1 1000 00 0 20 0 180 00 1 1 1000 00 0 20 0 180 00 1 1 1 1000 00 0 1 1 1 1000 00 0 1 1 1 1000 00	- 1		binding wire in foundation and plinth		1						
8 7 5 Bnck work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS 12894-2002 of class designation 4 0 in foundation and plinth in 3 Cement Mortar 1 6(1 cement 6 coarse sand) 1 1200 00 0 20 0 40 96 00 1 1065 00 0 20 2 40 511.20 1 1000 00 0 20 0 90 180 00 Total 787 20 Cum 3263 00 2568633 6id 9 7 6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth level emixer in all works upto plinth level excluding cost of form work 5 1 11/3 (1 cement 11/4 coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 707 20 Cum 4073 00 89606 00	ı			85	\vdash	661 60		56242 2E			
8 75 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 3 Cement Mortar 1 6(1 cement 6 coarse sand)						00103	Total		\longrightarrow	54.50	2005202 74
bricks (FaLG Bricks) confirming to IS 12894-2002 of class designation 4 0 in foundation and plinth in 3 Cement Mortar 16(1 cement 6 coarse sand)	8	7 5	Brick work with modular fly-ash lime						- Ng	34,30	3003202.71
IS 12894-2002 of class designation 4 0 in foundation and plinth in 3 Cement Mortar 1 6(1 cement 6 coarse sand)	1		bricks (FaLG Bricks) confirming to			1	- 1		1	ľ	
3 Cement Mortar 1 6(1 cement 6 coarse sand) 1 1200 00 0 20 0 40 96 00 1 1065 00 0 20 2 40 511.20 1 1000 00 0 20 0 90 180 00 Total 787 20 Cum 3263 00 2568633 61 7 6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth 3 1 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 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Cum 4073 00 89606 00 1 112 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6	1		IS 12894-2002 of class designation			i			1	i	
1 1200 00 0 20 0 40 96 00			4 0 in foundation and plinth in			1					-
1 1200 00 0 20 0 40 96 00	Γ	3	Cement Mortar 16(1 cement 6						$\vdash \vdash$		
1 1065 00 0 20 2 40 511.20 1 1000 00 0 20 0 90 180 00 Total 787 20 Cum 3263 00 2568633 61 From thereof in addition to rate for foundation and plinth 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 1 1 2 200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00							1		1		1
1 1065 00 0 20 2 40 511.20 1 1000 00 0 20 0 90 180 00 Total 787 20 Cum 3263 00 2568633 61 511.20 Cum 121 61855 20 Frowiding 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 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 112 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)				1	1200 00	0.20	0 40	96.00	\vdash		-
1 1000 00 0 20 0 90 180 00 Total 787 20 Cum 3263 00 2568633 61 Total 787 20 Cum 3263 00 2568633 61 Total 787 20 Cum 3263 00 2568633 61 S11.20 Cum 121 61855 20 Total 787 20 Cum 3263 00 2568633 61 S11.20 Cum 121 61855 20 Total 787 20 Cum 3263 00 2568633 61 S11.20 Cum 121 61855 20 S11.20 C				1	1065 00						
Total 787 20 Cum 3263 00 2568633 61 Factor of the Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth Total 787 20 Cum 3263 00 2568633 61 511.20 Cum 121 61855 20 Total 787 20 Cum 3263 00 2568633 61 511.20 Cum 121 61855 20 Total 787 20 Cum 3263 00 2568633 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 3263 00 256863 61 Total 787 20 Cum 326863 61 Total 787 20 C				1	1000 00	0 20					
511.20 Cum 121 61855 20 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth To all 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 11/3 (1 cement 11/2 coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 112 Providing and making 12mm thick cement plaster of mix In Cement Mortar 1 6 (1 cement 6	\int									3263 00	2568622.50
above plinth level for every floor or part thereof in addition to rate for foundation and plinth 0 3 1 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 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6	9										
part thereof in addition to rate for foundation and plinth 0 31 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 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)		1	above plinth level for every floor or	1						12.1	01000.20
3 1 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 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6		l	part thereof in addition to rate for	ł	J		ı			1	1
plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)			foundation and plinth.						1	1	
plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6	0	3 1	Providing and laying nominal mix						-		
stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)	1	ł	plain cement concrete with crushed	ı			- 1		1	1	
mixer in all works upto plinth level excluding cost of form work 5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)	1				1		- 1		- 1		
excluding cost of form work	1	1	mixer in all works upto plinth level			1	- 1		- 1	1	
5 1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6	L		excluding cost of form work			1	- 1		1		
3 graded stone aggregate 20mm nominal size) 1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)	Γ	5	1 1½ 3 (1 cement 1½ coarse sand	-							
1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)	1	İ	3 graded stone aggregate 20mm	- 1					1	i	_
1 2200 00 0 20 0 05 22 00 Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6			nominal size)	1	1	1	1			1	
Total 22 00 Cum 4073 00 89606 00 1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)				- 1	2200 00	0.20	0.05	22 00			
1 11 2 Providing and making 12mm thick cement plaster of mix 4 In Cement Mortar 1 6 (1 cement 6)	1								Cum	4073 00	89606 00
4 In Cement Mortar 1 6 (1 cement 6)	1	11 2	Providing and making 12mm thick								
fine sand)	-										
Imre salid)		7	in Cement Mortar 16 (1 cement 6								
	L		and salid)		L						

	1		1	1800 00	T	3 20	5760 00	T		
	- 45					Total			91 50	527040 00
	13	Providing and making 15mm thick								
		cement plaster on the rough side of		l	l					
1	I	single or half brick wall of mix								
A	4	In Cement Mortar 16 (1 cement 6			l					
		fine sand)								
/			1	1800 00		3 20				
						Total	5760 00	sqm	107 00	616320 00
13	14.51	Providing and applying 2mm thick		İ						
		ready mix exterior grade putty (manufactured with cow dung								
		processing) on walls to make the								
		surface smooth aid even								1
							11520 00			
										
						Total	11520 00	sqm	101 00	1163520 00
14	14 5	Painting exterior surface with					11520 00	sqm	79 00	910080 00
		SMOOTH exterior emulsion			7					
		paint manufactured with the cow								
	1	On new work (Two or more coats)							ļ	
15	16 3	Demolishing brick masonry including							ł	
		arches stacking of serviceable								}
		material disposal of unserviceable material within 50 metres lead								
		material within 50 fileties lead								
			1	350 00	0 20	1 50	105 00	cum	263.00	27615 00
16	16 42	Demolishing RCC work including								
		stacking of steel bars and disposal of								
		unserviceable material within 50								
		metre lead								
ŀ			115	0 20	0.30	1 50	10 35			
ŀ			115			0 25	38.81			
17	9 42	Providing and fixing concertina coil					49 16	cum	768 00	37756 80
- 1		fencing with required dia 610 mm								
- 1		(having 50 nos round per 6 metre				1				
- 1		length) up to 3m height of wall with]	į.		_	
		existing angle iron Y shaped placed								
- 1		2.4 m or 3.00 m apart tied with G.I								
		staples and GI clips to retain horizontal including necessary bolts								
- 1		or G.I				1				
- 1		barbed wire tied to angle iron all								
1		complete as per direction of Engineer								
		in charge with reinforced barbed tape				1				
		(R B T) / Spring core (2 5mm thick)								
		wire of high tensile strength of 165								
		kg/ sq mm with tape (0.52 mm thick)								
		and weight 43.478gm/ metre (cost of	,							
		M S angle, C C. blocks shall be paid								
		separately)				•				
- 1										
		1								
-				0000 00			0000.00			
}			4	2200 00			8800 00 8800 00		164 00	1443200 00
							0000 00	m	104 00	1743200 00

			-		and a					
		providing and placing in position					·y · · · · · · · · · · · · · · · · · ·			
1907	A A	angle iron post and strut of required	l			1	1	1		
	177	SIZE				İ	i			1
	The same	including bottom to be split and bent	l	l				1		
	1	at right angle in opposite direction for	l				l			
		required length and drilling holes				i	1	1 :		
1	F/	upto 10 mm dia as per requirement					1	-		
1	1	including priming coat with red oxide				1	1			
	1	zinc chromate primer and placing the		1		ì	1	1		1
		post/ strut in cement concrete block.					}	1 1		
1		pose statem cement concrete block.		1		1	1	1 1		
1						1	l	1		
ı	l							1		
1										
19	03	Stool work in the land					5500 00	kg	69 50	382250 00
1.3		Steel work in tubular (round square								
	1	or rectangular hollow tubes etc)						1		
1	i	structure in built-up sections, trusses						1 1		
1	1	and frame work including cutting.								
1	ł	hoisting fixing in position upto a								
1		height of 5m above plinth level								
1		consisting of columns trusses, roof					1			1
		and bottom nurlins, base plate. Electric resistance or induction butt								
20	961	Drougles and 5					7000 00	kg	88.50	619500 00
120	3.01	Providing and fixing aluminium	- 1							
		composite panels in approved panel						1 1		1
		sizes,		1				1		
		thickness and shape on aluminium								
		frame work on face of building						l]
		(Frame			į,					Ì
		to be paid separately)								
\vdash		4mm thick					230 00	sqm	1745 00	401350 00
\sqcup									TOTAL=	15902532.29
			Electr	nfication fo	r gate					569043.00
							·		TOTAL=	16471575.29
									Say rs.=	16472000.00

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

Sub Engineer Municipal Corporation Korba (C.G)

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

	DETAILED ESTIMATE										
		ELECTRIFICATION FILECTRICAL SOFT AND AND AND AND AND AND AND AND AND AND	N								
Sl.No.	SOR No.	ELECTRICAL SOR 01 Description		7							
1	19 9	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102 50 including having MS triangular stiffner of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc as per specification		Qty_	Rate	Amount					
-	1997	Double Over Hang 1 50 metre Long	Each	6 00	1869.00	11214 00					
2	19 8	Supply of hot dipped galvanized (in single dip to minimum 75 micron) octogonal pole made of 3mm thick steel grade E-350 sheet having window and flush cover with locking arrangement at suitable height from base for cable termination block, pole suitably reinforced with welded steel section at window cut section to make the strength of pole unaffected, with following minimum specifications with 4 way terminal connector including 4mm thick anchor plate, 4 nos 24mm dia foundation bolts of EN8 grade, and as per IS 2062 & BS EN 10025. (designed for wind speed upto 180km/hr, IS 875 Part 3)				1,21,400					
	19 8.3	9 metre high, dia 155mm at bottom and 90mm at top, base plate size 260x260x16mm, foundation bolts 750mm long									
-	-		Each	6.00	13974 00	83844 00					
3	19 11	Erection of GI octogonal/ tubular/conical pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as per specification	l l								
	19 11 9	9 metre high	Each	6.00	985.00	5910 00					
4	32 7	Supplying following sizes FRLS PVC insulated PVC sheathed, steel armoured, aluminium conductor power cable of 1 1 KV grade and as per IS. 1554 (1988, Part 1) / IS 7098 (1988, Part 1)				32.3 30					
	32 7 9	3 x 25 sq mm	Metre	150	97	14550 00					
	1	1	. 1			i					

1						
5	19 12	Designing and providing suitable RCC foundation in Cement Concrete 124 (1 cement 2 coarse sand 4 graded stone aggregate 20 mm nominal size) for 3 mere to 12 metre high GI octagonal pole including steel reinforcement form work, embeding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc. as per SPCCIFICATION OF SPECIFICATION				
6	14 2	TOTAL pole (0 8x 8x 8x 8) at Every 20 mtr Supplying and laying HDPE pipe of 4kg/Sqcm in ground below road path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc as per specification		12 00	5219	62628 00
-	1421	63 mm outer dia	Metre	50	40.1	2000 55
7	14 3	Supplying and laying following size medium class G I pipe in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification		50	124	6200 00
			1 1		3	
	1433	100 mm internal dia	Matra	30.00	970.00	20270.00
	14 3 3	100 mm internal dia	Metre	30 00	879.00	26370 00
8		100 mm internal dia 150 mm internal dia Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1 1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS 1554 (1988, Part 1) / IS 7098 (1988 Part 1)	Metre	30 00 30 00	879.00 1183.00	26370 00 35490 00
8	14 3 4	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS 1554	Metre	30 00	1183.00	35490 00
8	14 3 4	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS 1554 (1988, Part 1) / IS 7098 (1988 Part 1)	Metre			
8	14 3 4	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS 1554 (1988, Part 1) / IS 7098 (1988 Part 1)	Metre	30 00	1183.00	35490 00
	15 1 15 1.24	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS 1554 (1988, Part 1) / IS 7098 (1988 Part 1) 4 x 25 sq mm Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as per specification	Metre	200 00	321	35490 00 64200 00
	15 1 15 1.24 15 23 25 12 1	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS 1554 (1988, Part 1) / IS 7098 (1988 Part 1) 4 x 25 sq mm Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as per	Metre	30 00	1183.00	35490 00

	1						
1	11	12 3	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and IS Code 3043 1987(R 2016)				
	12		metre below ground level for conductor earth electrode, including soldering, excavation and refilling the trench etc. as per specification		1 00	6209.00	6209 00
	13	7 19	Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS powder coated sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars, switchgears and other accessories etc complete as per specification		50 00	36.00	1800 00
F		7 19 1	Upto 300 mm deep	sqm	1 00	6818.00	6818.00
	13	7 20	Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) aluminium bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and shape insulators, necessary bolts and nuts etc complete as per specification	- 10			
		7 20 1	100 amp (20x3mm)	Metre	2.00	717.00	1434 00
	14	7 15	Providing and making interconnection in cubical panel between BBC and switchgears with following size FRLS PVC insulated aluminium conductor wire lead of length upto 50cm including providing aluminium thimbles on both ends as per specification (To be measured separately for each phase/ neutral)				
-		7 15 2	16 sqmm (63 amp)	Each	3.00	55.00	165 00
	15	9 1	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC 60947-2 and Ics = 100 % Icu	2			
		914	3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA	Each	6 00	3734.00	22404 00
	16	9 11	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc as per specification				
		9 11 2	6 amps to 32 amps	Each	6 00	148.00	888 00

E /						
1	1	Supplying and fixing DP MCB, 240 volts, 'C'				
1		Suitable for lighting and other i				
17		Complete with				
	1	connections, testing and commissioning etc.				
		as per specification	1			
	9 12.2	6 amps to 32 amps	Each	2.00	411.00	822 00
1		Supplying and fixing TP&N MCB, 440 volts, 'C'	Cacii	2.00	411.00	
1		curve suitable for lighting and other loads in				
18	9 16	the existing MCB DB complete with				
		connections, testing and commissioning etc.				
		as per specification	Ì			
	9 16 5	63 amps	Each	2 00	1316.00	2632 00
		Providing and fixing penal mounting 230 volt	20011	2.00	101010	
		LED type indicating lamp in existing cubical				
19	10 17	panel including connections, testing and				
		commissioning etc. as per specification	l		•	
		g started per opcompanion.	Each	2 00	94.00	188.00
		Providing and fixing penal mounting following				
		rating analog type ammeter of size 100x100	}			
20	10 18	(NS) in existing cubical panel including,				
1		connections, testing and commissioning etc.				
		as per specification				
	10 18 2	0-100 amps	Each	2.00	372.00	744 00
1		Providing and fixing penal mounting 0-500 volt				
1		voltmeter of size 100x100 (NS) in existing				
21	10 20	cubical panel including, connections, testing				
1		and commissioning etc. as per specification	1			
-	10 20 1	Analog has	Each	2.00	397.00	794 00
-	10 20 1	Analog type	Lucii	2.00	001100	
-	 	LED FOR POLE				
23	6 28	Supplying, installation, testing and				
		commissioning of following 230/250 volts LED				
		street light fitting with all accessories like				
		driver, heat sink made of die cast aluminium				
1		with IP 66 protection and 15 KV surge				
		protection on pole bracket, including				
		connection, earthing, Separate housing for				
1		driver etc complete as per specification and				
1		PF should be greater than 0.9 LED chip	1			
	6000	efficacy ratio ≥ 120 lumens /watt.		12.00		
	6 29 2	135 watt	Each	12.00	8088.0	97056.00
-	+	Supplying, installation, testing and		.2.00	9000.0	37036.00
1	1	commissioning of following COB LED Spot	1			
		Light fitting complete with Electronic				
		Driver Heat sink Capacitor and all other				
24	6 18	accessories including connection, earthing				
	3.0	etc complete as per specification and IP20,				
1		P.F. should be greater than 0.9. LED chip				
1		efficacy ratio ≥ 100 lumens /watt.	1			
1	1	emeacy ratio 2 100 fametro / www.				
		20 watt	each	80.00	1262.00	100960 00
		Total cost in Lacs				5,69,043.00

- Same

