कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 264/2025

सिस्टम टेंडर नं. 169970

कोरबा दिनांक 12.06.2025

द्वितीय ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरवा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख् अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 एवं विद्युत हेतु (01.06.2020) से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई—प्रोक्युरभेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबिमशन लिफाफा प्राप्त होने की अंतिम तिथि

03.07.2025 सायंकाल से 3.00 बजे तक

2	. निविदा खुलने की अंतिम तिथि		- 03.0	7.2025 सार	काल 4.00 बर्ज स		निविदा
क.	कार्य का नाम	प्राक्कलन	धरोहर राशि	कार्यावधि	निविदा प्रतिभागी शुल्क	विकेदार का वर्ग	खलने की
		राशि (लाख में)	(FDR/TDR)		(डिमांड ड्राफ्ट)	4.1 -1 1	तिथि
1	वार्ड क. 24 दशहरा मैदान सामुदायिक भवन	10.00	7500/-	02 माह	750/-	वर्ग डी	03.07.2025
	के पास शेड निर्माण व अन्य विस्तार कार्य					एव प्रवर श्रेणी	सं
1	(प्रभारी मंत्री मद)					21-11	

शर्तः-

2

5.

निविदा दरे प्रचलित सी.एस.आर.से कुम 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 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 उन्हे निविदा भरने की पात्रता नहीं होगी।

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, विगत 3 वर्षों का आयंकर चुकता 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 3 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 लॉईन सिस्टम पर अपलोड करना अनिवार्य होगा।

• अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन— 495677 कोरबा के पते पर भेजना होगा। निर्घारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल संबमिशन लिफाफा स्वीकार नहीं किया जायेगा।

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 निर्धारित प्रारूप में वैध शपथपत्र (राशि रू. 100/— नॉनज्यूडिशियल 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 डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम,कोरबा के

नाम पर देय हो प्रस्तुत करना अनिवार्य होगा। नाम पर दय हा प्रस्तुत करना आनवाय हागा।
सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संघारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफारमेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया

हों वे निविदाकार ही निविदा हेतु पात्र होंगे। निविदा में भाग लेने वाले टेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम् 6. 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।

ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। 7. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।

8. 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 9 समत्त्य 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।

निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा। 10.

11.

निविदा प्रपत्र फार्म –ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा। निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा। 12.

- निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा। 13.
- उपरोक्त निर्विदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है। 14. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा। 15.
- निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से छ.ग. भवून और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना 16 संभव नहीं होगा।

कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा। 17.

ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा। 18

प्रतिलिपि-

अभियंता कार्यप्रालन नगर पालिक निगम

कोरबा (छ.ग.)

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

Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Sta	rt	Expi	ry	Remarks
No.			Date	Time	Date	Time	
	Release Tender		12.06.2025	15.30	12.06.2025	15.30	Release Tender
		Bid Submission	15.04.2025	15.30	30.06.2025	17.30	
		Physical Document Submmission	12.06.2025	15.30	03.07.2025	15.00	
Ì	Tender Open		03.07.2025	16.00			

EXECUTIVE ENGINEER KORBA (CG) For Commissioner Korba (C.G.)

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

Name of work:- construction Of Shed & extra Expansion Work Near Community Building Dashara Maidan At Ward No - 21 (Present Ward No - 24)

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

	Ref.	ITEM DESCRIPTION	NO	L	В	D/H				
1	1.1	Excavation for all types and sizes of				DIN	QTY	UNIT	RATE	AMOUNT
	1	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 In all types of soil				ť				
		The stypes of soll								T TELL
		-	6	1.50	1.50	1.50	20.25			
			2	6.00	0.50	0.50	3.00			To the second
			2	4.00	0.50	0.50	2.00			F . J.
	-					Total =	25.25	Cura	105.00	
2		Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its				Total =	25.25	Cum	185.00	4671.2
	1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			6	2.40		0.60	8.64		L L 5 5.6	Riese.
		p.	6	1.00		0.90				ł.
NA:			4	6.00			5.40			à.
			4	4.00		0.30	7.20		- Walder	1
	_			4.00		0.30	4.80			
	5	Columns, Pillars, Piers and likes- rectangular or square in shape				Total =	26.04	Sqm	139.00	3619.5
L		^	6	1.00		3	18.00			1. Dist
						Total =	18.00	cam	297.00	5040.0
,	7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)				, otal	10.00	sqm	297.00	5346.0
\perp			2	6.60	4.60		60.72			
L						Total =	60.72	sqm	235.00	14269.2
	8	Beams, lintels, cantilevers & walls						THE PERSONNEL PROPERTY AND ADDRESS OF THE PERSONNEL PROPERTY AND ADDRE	200.00	14203.2
Γ			4	6.00		0.20	4.80	CONTRACTOR OF THE PARTY OF THE	Market and	
ı			4	4.00		0.20		age of plan of		
h		ii.	4	6.00			3.20			-
ŀ		(D)				0.20	4.80			A
-			4	4.00		0.20	3.20			NEW TEACH
3		Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not				Total =	16.00	sqm	202.00	3232.0
	i	exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including								

1		6	1.50	1.50	0.10	1.35			
M		1	6.00	4.00	0.10	2.40			
A 3	1 Providing and laying nominal mix				Total =	3.75	Cum	371.00	1391.25
3.	plain cement concrete with crushed			- 1					
1	stone aggregate using concrete			1				·	
1	mixer in all works upto plinth level			1		Ì		-	
 	excluding cost of form work.								
	3 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm					1			
1	nominal size).	ł				}			
		6	1.50	1.50	0.10	1.35		20 20	ľ
	WALL	2	6.00	0.40	0.10	0.48		1 1	W 12-
		2	4.00	0.40	0.10	0.32			a.
	FLOOR	1	6.00	4.00	0.10	2.40			į.
	IN FRONT	1	25.00	3.00	0.10	7.50			
					Total =	12.05	Cum	2659.00	32040.9
5	1:11/2:3 (1 cement : 11/2 coarse sand								Š.
	: 3 graded stone aggregate 20mm		1					100	
	nominal size).							8	<u></u>
		1	15.00	3.00	0.10	4.50			
-		1	10.00	3.00	0.10	3.00		1070.00	
1.17	7 Filling from available excavated				Total=	7.50	Cum	4073.00	30547.5
1	stuff (Excluding rock) in trenches,	1	1	1				01	
	plinth, sides of foundation etc. in	l	1	1					
١.	layers not exceeding 20cm in	1	1					San	
	depthconsolidating each deposited	l							
1	layer by ramming and watering with a leadupto 50 M. and lift upto 1.5 M.	1							
	a leadupto 50 M. and int upto 1.5 M.				Total =	25.25	Cum	65.00	1641.2
3.2	Providing and laying nominal mix		-		70.0.	20.20	Guin	00.00	1041.2
	reinforced cement concrete with	l			,				
	crushed stone aggregate using	-							
	concrete mixer in all works upto	l							
	plinth level excluding cost of form								
1	11.1%:3 (1 cement : 1% coarse sand)		-		1			144	
1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm	- 1	i				15.0		
1	: 3 graded stone aggregate 20mm nominal size).						> 1.116.11		
1	: 3 graded stone aggregate 20mm	6	1.50	1.50	. 0.30	4.05			
1	: 3 graded stone aggregate 20mm nominal size).	6	1.50 0.60	1.50		4.05	2010, siz		
1	: 3 graded stone aggregate 20mm nominal size). raft	6 6	0.60 0.20		0.60		1200		,
	: 3 graded stone aggregate 20mm nominal size).	6	0.60	0.60	0.60 0.90	1.30			5
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam	6 6	0.60 0.20	0.60	0.60 0.90 0.30	1.30 0.32			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth	6 6 2	0.60 0.20 6.00	0.60 0.30 0.20	0.60 0.90 0.30 0.30	1.30 0.32 0.72			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam	6 6 2 2	0.60 0.20 6.00 4.00	0.60 0.30 0.20 0.20	0.60 0.90 0.30 0.30 2.40	1.30 0.32 0.72 0.48			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth	6 6 2 2 6	0.60 0.20 6.00 4.00 0.20	0.60 0.30 0.20 0.20 0.30	0.60 0.90 0.30 0.30 2.40 0.20	1.30 0.32 0.72 0.48 0.86			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth	6 6 2 2 6 2	0.60 0.20 6.00 4.00 0.20 6.00	0.60 0.30 0.20 0.20 0.30 0.20	0.60 0.90 0.30 0.30 2.40 0.20	1.30 0.32 0.72 0.48 0.86 0.48			22.7
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth lintel beam	6 6 2 2 6 2 2	0.60 0.20 6.00 4.00 0.20 6.00 4.00	0.60 0.30 0.20 0.20 0.30 0.20	0.60 0.90 0.30 0.30 2.40 0.20 0.20	1.30 0.32 0.72 0.48 0.86 0.48			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth lintel beam column above lintel	6 6 2 2 6 2 2 2 6	0.60 0.20 6.00 4.00 0.20 6.00 4.00 0.20	0.60 0.30 0.20 0.30 0.30 0.20 0.20 0.30	0.60 0.90 0.30 0.30 2.40 0.20 0.20 0.70	1.30 0.32 0.72 0.48 0.86 0.48 0.32			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth lintel beam column above lintel	6 6 2 2 6 2 2 6 2 2	0.60 0.20 6.00 4.00 0.20 6.00 4.00 0.20 6.00	0.60 0.30 0.20 0.20 0.30 0.20 0.30 0.20	0.60 0.90 0.30 0.30 2.40 0.20 0.20 0.70 0.20	1.30 0.32 0.72 0.48 0.86 0.48 0.32 0.25 0.48			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth lintel beam column above lintel top beam	6 6 2 2 6 2 2 6 2 3	0.60 0.20 6.00 4.00 0.20 6.00 4.00 0.20 6.00 4.00 6.60	0.60 0.30 0.20 0.20 0.20 0.20 0.20 0.20 0.2	0.60 0.90 0.30 0.30 2.40 0.20 0.70 0.20 0.20 0.20	1.30 0.32 0.72 0.48 0.86 0.48 0.32 0.25 0.48 0.48			
1	: 3 graded stone aggregate 20mm nominal size). raft plinth beam column above plinth lintel beam column above lintel top beam	6 6 2 2 6 2 2 6 2 2 3	0.60 0.20 6.00 4.00 0.20 6.00 4.00 0.20 6.00 4.00	0.60 0.30 0.20 0.20 0.30 0.20 0.20 0.20 0.2	0.60 0.90 0.30 0.30 2.40 0.20 0.70 0.20 0.125 0.10	1.30 0.32 0.72 0.48 0.86 0.48 0.32 0.25 0.48			

Total = 18.30 Cum 4163.00 76187.06 Ex. for laying PCC/RCC of any 0.00 Cum 97.50 graden superstructure above plinth level for every floor or part thereof in addition to rate for foundation and Providing and placing in position reinforcement for R.C.C. work straightening, including cutting. bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth 100 18.30 1830.10 99740.45 1830,10 54.50 Total = kg 7.5 Brick work with modular fly-ash lime 10 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) below plinth 0.20 2.16 2 6.00 0.90 1.44 0.20 2 4.00 0.90 above plinth 1 6.00 0.20 2.40 2.88 2 4.00 0.20 2.40 3.84 1 6.00 0.20 0.70 0.84 2 4.00 0.20 0.70 1.12 6.00 0.80 0.80 11.52 Total = 23.80 Cum 3263.00 77659.40 7.6 Extra 11 for brick work 11.06 Cum 121 1338.16 superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: 12.13 Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 13.1 Size 600x600mm 6.00 4.00 24.00 1 6.00 0.20 1.20 4.00 0.20 1.60 Total = 26.80 sqm 1151.00 30846.80 13 8.13 Providing and fixing flush door shutters, conforming to IS 2202 (Part 1), interior grade, commercial type, core of block board construction with frame of first class hard wood and well matched commercial veneering

T.						. •	• 5			
	The state of the s	A								
	Ā	mm. thick (single leaf)	1	1.00		2.10	2.10		1070.00	0077.00
	F					Total =	2.10	sqm	1370.00	2877.00
	9.15	Proving and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc.								
		steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a					-			
-							50.00			
						Total =	50.00	Kg	67.50	3375.00
15		Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame								
		of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm								
		M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a					,			
							50.00			
						Total =	50.00	Kg	75.00	3750.00
16		Providing and making 6mm thick cement plaster of mix .								
.		In Cement mortar 1:4 (1 cement : 4 fine sand)	1	6.60	4.60		30.36			
-				0.00	4.00	Total =	30.36	sgm	87.00	2641.32
17	11.2	Providing and making 12mm thick cement plaster of mix						•	1950 D	
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
te .			1	6.00		3.40	20.40			
52			2	4.00		3.40	27.20		130	
			2	6.00		1.00	12.00		04.50	5450.40
10	44.0	S is a land of the state of the				Total =	59.60	sqm	91.50	5453.40
18		Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:	,							
	4	In Cement Mortar 1:6 (1 cement : 6	l	, ,					- 41	
		fine sand)	1	6.00		3.20	19.20		14279	
-			2	4.00		3.20	25.60		12 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	
-			2	6.00		1.00	12.00	CHICAGO CO	Chr.	
H			4	1.80		3.60	25.92	- Target -		
-		45	6	8.00		2.00	96.00			2-2-3
		J #				Total =	178.72	sqm	107.00	19123.04
19		Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care,				,	,			
		Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to							78.7	
L		- E					268.68			
L		The state of the s								

	100	<u> </u>				T-4-1 -	000.00		04.50	25200.20
		1				Total =	268.68	sqm	94.50	25390.26
	M	wali ainting with acrylic premium				ļ				
	14.	emulsion (plastic) paint of required shade to give an even shade.								
P	 	On new work (Two or more coats)				Total =	89.96	sqm	44.50	4003.22
M	<u> </u>	On old work (one or more coats)							y 5 4	-L-2 ra6'
			4	12.20		3.40	165.92		34348 9	
			4	10.20		3.40	138.72		Jedist.	
			1	12.20	10.20		124.44		3/20	
			2	12.00	10.00		240.00		500	
						Total =	669.08	sqm	28.50	19068.78
21	14.16	Painting exterior surface with PREMIUM ACRYLIC SMOOTH				-				
		exterior	1	l						
		paint of required shade as per manufacturer's specifications to								
		give						1	10 m	
		protective and decorative finish								
		including cleaning washing of					- 170 70		74.50	40044.04
	1	On new work (Two or more coats			,		178.72	sqm	74.50	13314.64
		applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior	1	1			}			*
		primer applied @ 2.20 kg/ 10 sqm)		1	,			- 1		
ı		On old work (One or more coats								
- [applied @ 0.83 ltr/ 10 sqm)							7.6.5%	
-			2	12.60		3,60	90.72		7.2	
}		·	4	10.60	0.60	3.60	152.64 30.24		1 7/13	F
-			2	12.60 12.60	0.60		2.52		en de la companya de	
ł			2	50.00	0.10	1.40	140.00	7.052 V	Make w	
ł				30.00		Total =	416.12	sqm	28.50	11859.42
22	14.23	Painting on old work (one or more				10101	710.12	34111	20.00	11000.42
	,	coats) to give an even shade with:				1				
		Satin synthetic enamel paint	2	4.00		2.40	19.20		1-11-15	
			16	0.60		0.60	5.76		-8,430	
			12	1.20		1.20	17.28		7 - F = 5%	
						Total =	42.24	sqm	35.00	1478.40
23	12.22	Painting on new work (two or more		1				WENTE L		=
-		coats) to give an even shade with:	4	1.20		1.20	5.76	SUMMER ST		
ŀ			6	0.60		0.60	2.16	A STATE OF THE	9000	
- 1			10	0.15		3.30	4.95		-1500a	
ŀ			4	3.00		3.30	39.60		T. S. WOR	
t			\dashv	0.00		Total =	52.47	sqm	55.00	2885.85
24		25 mm thick KOTA stone slab flooring over 20mm (Average) thick				. o.a.	02.41	Sqiii	00.00	2000.00
		base of cement mortar 1:4 laid over and								
		jointed with grey cement slurry mixed with pigment to match the								
- 1		shade of the slab including grinding rubbing and polishing etc. complete				ľ	ļ			
		(Area of slab to be over 0.20 sqm	1	1	1	I	1	1	į	

,										
			1	3.40	0.60		2.04			
1	A	1	1	11.00			154.00			
	A	and the same of th	<u>.</u>	11.00	14.00	Total =	159.64	sgm	897.00	143197.08
25	10.12	precoated galvalume profile sneets (PPGL)				Total	100.04	oqiii	007.00	140107.00
		of approved 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		,		4				
1		should have protective guard film of 25 microns minimum to avoid						7	fee.	
		25 MICIONS MINIMUM to avoid	1	11.00	15.00		165.00	7 281		
			. 1	6.00	6.00		36.00			
				0.00	0.00	Total =	201.00	sgm	693.00	139293.00
00	0.0	Otal control to bulgar (accord accord				Total -	201.00	34111	000.00	100200.00
26	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 Electric resistance or induction butt welded tubes Grade-250					500.00			
						Total =	500.00	sqm	88.50	44250.00
27	10.1	Extra for providing and fixing wind ties of 40x6mm flat iron section.	2x3			30.00	190.00		srd' X N III	
						Total =	180.00	-	440.00	04040.00
20	12.05	Description Control		<u> </u>		iolal =	180.00	m	118.00	21240.00
28	12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and								
		sweeping etc. complete of			l		1			
	12	minimum compressive strength of			1	1			TAY TO SEE THE SECOND	
		N. C.	1	13.70	2.00		27.40		6.7	
						Total	27.40	sqm	632.00	17316.80

5.5	viding stainless steel railing/ grill	1						
	of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts SS Grade 304	Y						
	5.440.504	2			60.00			
				Total	60.00	kg	525.00	31500.00
			 			Page 1	Total=	894548.05
					anitation	6 9	Part B	60486.00
			 	E	Electrical		Part C	44958.00

999992.05 say rs 1000000.00

Sub Engineer Municipal Corporation Korba (C.G.)

Asstt. Engineer Municipal Corporation Korba (C.G.) B-SANITAION WORK

	A	PAR and fiving an will f		-					
	18.7	6 Providing and fixing on wall face UV							
	1	Istabilized Uniplasticised Rigid PVCI					- 1		
A	7	pipes (single socketed) having					1		
No.	1	3.2mm wall thickness conforming to					1	1	
	l	IS: 13592 (4kg/sqcm) including			1		1	1	
	1	required couplers, jointing with spall			1		1	1	1
\$.		ring conforming to IS: 5382 leaving					1		-
- 1		10 mm gap for thermal expansion			1		1		1
- 1		etc complete.				5.1	200	jest s	ar Auto
	1	75 mm dia pipe.	1	. 30.00	 	100	MARKE	Jana	
ı	2	110 mm dia pipe.		30.00		30.00	metre	182.00	5460.00
2		Providing and fixing water closet		20.00		20.00	metre	267.00	5340.00
-1		squatting pan (Indian type W.C. pan				1	each	2899.00	2899.00
- 1		100mm cand cast land							
- 1),100mm sand cast Iron P or S trap,				7 5 6	-		
- 1		10 litre low level P.V.C. flushing						1	
		cistern (same colour) conforming to			1			1	
1		IS: 7231, with flush bend and other						-	
1		fittings and fixtures complete						1	
L		including cutting and making good							
į	3	White Orissa pattern W.C. pan of				=12.1011			
		size 580x440 mm							
3	18.17	Providing and fixing vitreous china				2	each	2899.00	5798.00
		wash basin with C.I. brackets, 32							0.00.00
		mm C.P. brass waste of standard						1	
- 1		pattern, including painting of							
- 1		brackets, cutting and making good			1			1	
T	1	White Size 550x450 mm		V					
4		Providing and fixing on wall face UV				V 2007			
- 1		stabilized Unplasticised - PVC						1	
- 1		moulded fittings/ accessories			20.000				
1		having 3.2mm wall thickness for			4.00				
		Rigid PVC pipes conforming to IS:						1	
- 1		13592 (heavy) jointing with seal ring							
- 1		conforming to IS: 5382 leaving 10							
⊢		mm gap for thermal expansion.							
	1	Tee/ Tee with door/ Bend 45°/ Bend							
		90°				Charles .			
		75 mm					each	,	678.00
i,	2	110 mm				6.00	each	154.00	924.00
	3	Vent covel							
-	1	75 mm				6.00	each	34.00	204.00
-					 	6.00			543.00
		Nahani trap 110x75mm			 Cop Co Attach	0.00	eacii	90.50	343.00
5		Providing and fixing Chlorinated							
- 1		Polyvinyl Chloride (CPVC) pipes,	- 1			122		1	
		having							
1		thermal stability for hot & cold water	I	1					
	1	supply including all CPVC plain &	1		1	150			
- 1		brass threaded fittings i/c fixing the	1	į.	-			1	
- 1		pipe with clamps at 1.00 m spacing.	- 1		9		477	2014 P.	
		This includes jointing of pipes &		1				100	
- 1		fittings with one step CPVC solvent	1	1	1				
			1						
		cement and testing of joints					7.4		
		complete as per direction of		1					
		Engineer in			 	40.00	mater	110.00	4400.00
- 1	- 1	15 mm nominal outer dia .Pipes.	- 1		1	40.00	metre	110.00	4400.00

32.0. cominal outer dia Pipes 30.00 metre 199.00 5970.00 19.13 Proviut 3 and fixing 15 mm nominal bore Brass bib/stop cock of approved quality. 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to Is.8931 including C.P. brass settings of including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams 5.00 each 494.00 2470.00 9 19.15 Constructing masonny Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1.4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2.4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) encessary excavation foundation concrete 1:5:10 (1 cement: 3) 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support				37							
19.13 Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: 1 Bib cock (250 grams) 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to 18:8931 including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams) 8 Piller Cock (400 grams) 8 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excevation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:4 (1 cement: 3 and in			312: am nominal outer dia .Pipes.								
19.13 Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: 1 Bib cock (250 grams) 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to 18:8931 including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams) 8 Piller Cock (400 grams) 8 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excevation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:4 (1 cement: 3 and in		A. Comment	4 32 m. nominal outer dia .Pipes	7		-		30.00	metre	199.00	5070.00
Supervised quality: 1 Bib cock (250 grams) 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:3931 including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams 5.00 each 494.00 2470.00 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 common and 165 mm deep (inside) with chained lid levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		401	Provide g and fixing 15 mm nominal	- 1				40.00	metre		
1 18 bcck (250 grams) 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams 5.00 each 494.00 2470.00 7 19.15 Providing and fixing stainless steel drain jall of approved make/quality. 19.15 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:24 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 (1 cement: 3 and inside plastering with cement mortar 1:3 and inside plastering with cement mortar 1:3 and inside plastering with cement mortar 1:3 and inside plastering with cement mortar 1:4 (1 cement: 3 a		19.1	hore Brass bib/ston cook	10,						271.00	10840.00
1 Bib cock (250 grams) 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to Is:8931 including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams) 4 Piller Cock (400 grams) 5.00 each 494.00 2470.00 6 Stop cock (concealed) (600 grams) 5.00 each 398.00 1990.00 6 Stop cock (400 grams) 7 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:24 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 cement mortar 3 cement mortar 3 cement mortar 3 cement mortar 4 cement mortar 4 cement mortar 4	1		approved quality:	100	1						
7 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams) 8 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:24 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		·	Bib cock (250 grams)					1			
make and conforming to IS:8931 including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams) 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained iid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand; 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	E37	19.14	Providing and fixing 15		1			6.00	each	195.00	4440.00
including C.P. brass extension if required: 6 Stop cock (concealed) (600 grams 4 Piller Cock (400 grams) 5.00 each 494.00 2470.00 8 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1.4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2-4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1.3 (1 cement: 3 di cement: 3 di levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for linlet, outlet and overflow pipes but without fittings and the base support	7		bore C.P. brass fittings of	,					Cacii	105.00	1110.00
Including CP. brass extension if required: 6 Stop cock (concealed) (600 grams 4 Piller Cock (400 grams) 5.00 each 494.00 2470.00 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		1	make and conforming to 10 approved	,	I	1			1978		Settler All I
Stop cock (concealed) (600 grams 5.00 each 494.00 2470.00		ĺ	lincluding C.P. brace		l						
6 Stop cock (concealed) (600 grams 4 Piller Cock (400 grams) 5.00 each 494.00 2470.00 19.15 Providing and fixing stainless steel drain jall of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1.4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		l	required.		1.5						1000
8 19.15 Providing and fixing stainless steel drain jall of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with cement mortar 1:3 (1 cement: 3 roots) and inside plastering with court and suitable locking arrangement and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		6	Stop cock (concealed) (see		,						
8 19.15 Providing and fixing stainless steel drain jali of approved make/quality. 9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement: 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		4	Piller Cook (400					5.00	each	494 00	2470.00
9 19.51 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	Q	10 15	Dravidical Transition								
1.00 each 4356.00 1.00 each 4356.00 1.00 each 4356.00 4356.00	O	19.13	providing and fixing stainless steel			1					
well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19:42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	a	10.51	Construction approved make/quality.		ļ	1 1		4.00	eacn	51.00	204.00
well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	J	10.51	Constructing masonry Chamber					1.00	each	4356.00	4250.00
In cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			buxbux75 cm, inside with modular			1 1		1.00	Cacii	4550.00	4336.00
coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			well burnt clay bricks of 35 kg/ cm ²		İ						
C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			in cement mortar 1:4 (1 cement : 4			1 1		1	3.00		
C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3			coarse sand) for fire hydrants, with			1 1			744		
chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			C.I. surface box 350x350 mm top			1 1					
chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			and 165 mm deep (inside) with					2			
mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			chained lid and RCC top slab 1.2.4					Ę			
nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			mix (1 cement : 2 coarse sand · 4)			1 1		. 9			
nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			graded stone aggregate 20 mm						Alexander of the second		
foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			nominal size) necessary excavation			1 1		1.5			
stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	İ								100		
size) and inside plastering with cement mortar 1:3 (1 cement : 3 10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support			cement: 5 fine sand:10 graded			1 1		1 1		i	
10 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		'	stone aggregate 40 mm nominal					trial		- 1	
19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	- 1		size) and inside plastering with			1 1	92		SV.	1	
all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support		10.10	cement mortar 1:3 (1 cement : 3				4		<u> </u>		
storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	10	19.42	Providing and placing on terrace (at				14	1000.00	litre	7.30	7300.00
and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	- 1					1 1	Ť.				
and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support	1		storage tank ISI marked with cover								
inlet, outlet and overflow pipes but without fittings and the base support	į		and suitable locking arrangement			1					
without fittings and the base support				ĺ							
	1								100		
TOTAL = 60486.00	L		without fittings and the base support								
								7		TOTAL =	60486.00

Say Rs.=

Sub Engineer Municipal Corporation Korba (C.G.)

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

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

ame of work :- Electrification Of

ner SOR: Schedule of rates public works department[PWD ELECTRICAL2020] PART- C

5.N.	SOR Ref.	TEM DESCRIPTION	МО	L	В	D/H	QTY	UNIT	RATE	AMOUNT
1	1.1	Wiring for light/ fan/ exhaust fan /							1,25	2 1
		call bell point with 3x1.5 sqmm							Y-	
		FRLS PVC insulated stranded								
		copper conductor wire for phase,		1-					1	
		neutral and earth in concealed		1						
	1	FRLS PVC conduit (heavy duty,								
	1	thickness of pipe should be 2 mm)		4						
		with 5/6 amp piano type switch,								
		phenolic laminated sheet, suitable		ý			l			
	1	size M.S. box etc as per	i	' .						
		specification and IS: 694 (2010), IS:								
	1	Short Point	5				5	Point	240.00	1200.00
	2	Medium Point	4				4	Point	376.00	1504.00
	3	Long Point	3				3	Point	469.00	1407.00
2	1.3	Extra for providing and fixing light							r y	
		plug point on board in concealed				,			ii Cu	
	1	FRLS PVC conduit (heavy duty,							8 1= 12	
		thickness of pipe should be 2 mm)		ς,					07.00	425.00
		point wiring with piano type 3 pin 5/6					5.00	Point	87.00	435.00
		amp socket outlet and 5/6 amp			1				-	
		switch including cost of phenolic laminated sheet and M.S. box etc.								
		as per specification and IS: 694								
3	1.13	Wiring for circuit/ sub main wiring						120		
1.		along with earth wire with the		-						
		following sizes of FRLS PVC			1					
E L		insulated copper conductor, wire in			I					
		concealed FRLS PVC conduit							_	
1		(heavy duty, thickness of pipe			İ					
5		should be 2 mm) as per specification and IS: 694 (2010), IS:						City of		
ŀ	4 13 2	3 X 2.5 sq. mm in 20mm conduit	6	30.00		- 4	180.00	Metre	111.00	19980.00
4		Supplying, installation, testing and							2	
		commissioning of following LED							7.	
		fitting (luminaries) Panel Light in					97.			
			J		1					
		round/ square shape complete			- 1		177			
		with electronic driver heat sink			1			2.00		
		capacitor and all other accessories	l		1		1]		
Ì		on surface/ in false ceiling etc. as	l		I		}			
		per specification and P.F. should be		1	1			1		
		greater than 0.9. LED chip efficacy	Ì	I	- 1					
		ratio ≥ 100 lumens /watt.							500.00	2040.00
_		12 Watt	5					Each	588.00	2940.00
	8.22.6	15 Watt	5				5.00	Each	679.00	3395.00

	N.	nlying, installation, testing and		Τ					
		come seioning of following sizes ceiling an including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above, IS: 374:2019 including all amendments.							
	3	1400 mm sweep					型岩	1 .	P.
6		Supplying and fixing following piano	5			5.00	Each	1773.00	8865.00
		type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification.	14					* *	
		5/6 amps one way switch	8			8.00	Each	25.00	200.00
	5.1.2	5/6 amps two way switch	8			8.00	Each	30.00	240.00
		Plug Top 3 pin 5/6 Amps (For light plug).	8			8.00	Each	38.00	304.00
		Plug Top 3 pin 16 Amps (For power plug).	8			8.00	Each	51.00	408.00
		Fan regulator Electronic, step type moving all round	5			5.00	Each	130.00	650.00
	5.1.13	Ceiling rose 3 pin 5 amps	5			5.00	Each	32.00	160.00
		Batten/ angle holder	8			8.00	Each	38.00	304.00
7	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.							
	11.17.	3 pole MCCB, 25-63A, Fixed Thermal Release, 10KA	2			2.00	F1756	1483.00	2966.00
					•		STEEL	TOTAL =	44958:00

Sub Engineer
Municipal Corporation
Korba (C.G.)

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