कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

सिरटम टेंडर नं.177653

कोरवा दिनांक 14.10.2025

तृतीय ई-निविदा आमंत्रण सूचना कार्यालय नगर पालिक निगम, कोरवा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख क निर्माण विभाग स्थापन के प्रमुख कर अनुमनी पर क्रिविटा खलने 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 अंशोधनों के माध्यम से निविदा प्रपत्र Form-A में निविदा के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबिमशन लिफाफा प्राप्त होने की अंतिम तिथि

04.11.2025 सायंकाल से 3.00 वर्ज तक

-	2. निविदा खुलने की अंतिम तिथि		- 04.1		काल 4.00 बज स	ठेकेदार	निविदा
क.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	का वर्ग	खुलने की तिथि
1	नगर पालिक निगम कोरबा क्षेत्रांतर्गत कोसावाड़ी जोन अंतर्गत 14 शासकीय स्कूलों में कियन शेंड का निर्माण कार्य (कि ख न्या मह)	54.00	40500/-	06 माह	3000/-	वर्ग डी एवं प्रवर श्रेणी	04.11.2025

शते:-

2

निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम 1. दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी

जिन टेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी टेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर

पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी। इच्छुंक टेकेदारों 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 आयकर चुकता प्रमाण पत्र,पेन नम्बर, वैद्य 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 घरोहर

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 डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति तिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रिजस्टर्ड डाक के माध्यम से आयुक्त,नगर पालिक निगम,कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा के पते पर मेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल संबिमशन 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 कमांक 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। सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद कों छोडकर शेष कार्यों में 5 प्रतिशत परफार्मेस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफारमेंस गारंटी राशि वापसी हेतु समयाविव की गणना कार्य पूर्णता तिथि से किया जायेगा। उवत समयाविव 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(वर्तमान तक वैधता)एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोंड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे एवं कर्मचारी भविष्य निधि संगठन(ई.पी.एफ.) एवं विभिन्न प्रावधानों को धारा 1952 के तहत निविदार का जीवित पंजीयन होना आवश्यक है साथ ही निविदा आमंत्रण दिनांक से विगत तीन माह की अवधि में जमा किये गये TRRN Payment Detail चालान की प्रति प्रस्तुत करना तथा ऑनलाईन अपलोड किया जाना अनिवार्य होगा।

निविदा में भाग लेने वाले डेकेदारों को छ.ग. भवन और अन्य सिन्तिर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में

प्रत्येक देयक से कटौती की जावेगी।

ईट से संबंधित निर्माण कार्यों में पलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। 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 समतुल्य परकारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपाँजिट 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 समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।

निविदा अहरतांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा। 10.

निविदा प्रपन्न फार्म –ए की कडिका 11 Price Adjustment (एरकलेशन) देय नहीं होगा। 11.

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, कोरवा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं। 14.

देकंदार 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 निविद्याकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से 16, फ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयर्ने प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना

संगव नहीं होगा। कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का यहन संबंधित ठेकेदार द्वारा किया जावेगा। 17

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

अधीक्षण अभियंता नगर पालिक निगम कोरवा (छ.ग.)

प्रतितिपि-

6.

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

Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Control	Star		Expir	У	Remarks		
No.	Tagai Mgaill Stage	Contractor Stage	Date	Time	Date	Time			
1	Release Tender		14.10.2025	15.30	14.10.2025	15.30	Release Tender		
2		Bid Submission	14.10.2025	15.30	30.10.2025	17.30			
3		Physical Document Submmission	14.10.2025	15.30	04.11.2025	15.00			
4	Tender Open		04.11.2025	16.00			A		

SUPERITENDING ENGINEER

KORBA (CG)

For, Commissioner Korba (C.G.)

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

DETAIL ESTIMATE

of Work :- Construction of Kitchen Shade At 08 Nos Govt. School Under Kosabadi Zone, Nagar Palik

am Korba. (Part-A)
AS Per Sor :- Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015] and [PWD ELECTRICAL 01-06-

020] Sno.	ITEM DESCRIPTION	IN	1 1	В	H/D	Qty	Unit	Rate	Amount
no.	Excavation for All Types and sizes of	1	-						
	foundations, trenches and drains or for	-				-			
	any other purpose including disposal of						a l		
1	excayated stuff upto 1.5 m lift and lead	ka ç		-			'		
	upto 50m (at least 5m away from the			-					
					,			11	
	excavated area), including dressing and	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	e e e	1 1/2 . 8/**			- 1		
	In All Types of soils.) - 1 A	4.00	1.20	1.20	6.91			
	column	4	1,20	0.30	0.30	0.61	- 1		
	below pb	2	3.40	0.30	0.30	0.31		ja ja f	
		2	1.70	0.30	0.30	0.67	1.17	a Principal	
		2	3.70	0.30	0.30	0.18	1 1 11		
	step	1	2.00	0.30	0.30	0.32		ga fara e e	_
		1	1.20		0.30	-0.07			arturas .
	deduction column	-4	0.30	0.20	0.30	8.93	CUM	185.00	1651.68
					-110	0.33	100		
	Providing and filling in plinth with sand/				a :				
	Crusher dust and hard moorum under		i.		٠.				
2	floor in layers not exceeding 20 cm in								
	depth consolidating each deposited layer				6 1				
	by ramming and watering, including	ig Ann		Harry 115	0.40	0.50			production of the second
	column	4	1.20	1.20	0.10	0.58	244		1 1 1 1 1
	below pb	2	3.40	0.30	0.10	0.20			
		2	1.70	0.30	0.10	0.10			
	and the second s	2	3.70	0.30	0.10	0.22		7 II	
	step	1	2.00	0.30	0.10	0.06			
		1	1.20	0.90	0.10	0,11	>		1
	deduction column	-4	0.30	0.20	0.10	-0.02			*********
			:			1.25	CUM	371.00	463.01
	Providing and laying nominal mix plain								
	cement concrete with crushed stone						311		
3	aggregate using concrete mixer in all				T				
ı	works upto plinth level excluding cost of						-	: <u>(1</u>)	
	1:4:8 (1 cement : 4 coarse sand : 8		1					1	
i	graded stone Aggregate 40mm nominal								
	column	4	1.20	1.20	0.10	0.58		erepr <mark>a</mark> ditions	
	below pb	2	3.40	0.30	0.10	0.20	1		
-		2	1.70	0.30	0.10	0.10	7.5.		
		2	3.70	0.30	0.10	0.22	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
,	step ·	1	2.00	0.30	0.10	0.06			2,
		1	1.20	0.90	0:10	0.11		7	
	deduction column	-4	0.30	0.20	0.10	-0.02			
						1.25	CUM	2659.00	3318.43
						,,,,,	, J. 11		0010.70
	1:11/2:3 (1 cement : 11/2 coarse sand : 3	torollation f				1	-		
" (graded stone Aggregate 20mm nominal				1				
	Plinth Protection Work	2	3.40	1.00	0.10	0.68			
	Later mary of growing of a first market with the second of	2	3.70	1.00	0.10	0.74		7.1	
	riuses army	dia :	723	2 1 1 1 1		1.42	CLINA	4073.00	5783.66

							1	D-4-	Amount
	EM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	and laying nominal mix						1		
	cement concrete with crushed	1							
	one aggregate using concrete mixer in				1		1		
,	all works upto plinth level excluding cost								
/	1:1½:3 (1 cement : 1½ coarse sand : 3								_
9+1	graded stone Aggregate 20 mm nominal		-		١.		ł		
				1					
	size).	_	4.00	1.00	0.30	1.20			
		4	1.00	0.80	0.40	1.02			
		4	0.80	0.20	1.00	0.24			_
	UPTO PLINTH:	4	0.30	0.20	0.30	0.85			
	PLINTH BEAM	1	14.20	0.20	3.50	0.84			
	ABOVE PLINTH	4	0.30		0.20	0.57			
	LINTEL BEAM	1	14.20	0.20	0.25	0.65	1		
	CHAJJA .	4	1.80	0.60	0.15	0.90	1		<i>E</i>
	PLATFORM	1	10.00	0.60	0.13	0.85	7	and the second	100
	SLAB BEAM	1	14.20	0.20		1.92		- 1° - 1	1
	SLAB	1	3.70	4.00	0.130	9.05	CUM	4163.00	37666.82
						3.03	100		
	Extra for laying PCC/RCC of any grade in						2		1039.35
_	superstructure above plinth level for		inj.			10.66	CUM	97.50	1039.33
5	every floor or part thereof in addition to				a er en En	. 7			
	rate for foundation and plinth						1 1 2 2 2 2		
	Providing and placing in position	:::::::::::::::::::::::::::::::::::::::	i i rema			11.			
	reinforcement for R.C.C. work including		. 1		• 1				
6	straightening, cutting, bending, binding		1			. *:	>		
	etc. complete as per drawings including				#- A	3			
	lost of binding wire in foundation and	1111111	9 - 5,13			All Par	1111		
	Thermo-Mechanically treated bars FE 415	9.05	•		100.00	904.80	Kg	54.50	49311.60
							A A		
	Providing and fixing form work including						1 2 3 1 2 3		
	centring, shuttering, strutting, staging,					§ 8			
7	propping bracing etc. complete and							e mana	
	including its removal At All levels, for:					J. 1.1			
	Foundations, footings, bases of columns	4	1.00	-	0.30	1.20			
а	plinth beam, curtain wall in any shape			9 · 1	0.40				
	ter telegrica a la grandinga.	4	0.80		0.40	4.00		1.00	
		4	1.00		1.00	8.52			
	An and a section of the section of t	2	14.20	A man of	0.30	13.72	com	139.00	1907.08
		4 100		profitties	- Distance in	13.72	sqm	139.00	1907,00
	Columns, Pillars, Piers and likes-								
b	rectangular or square in shape		1.00		0.50	44.00		e et e	
		4	1.00		3.50	14.00		007.00	4450.00
				, i	0.00	14.00	r'sqm	297.00	4158.00
С	Beams, lintels, cantilevers & walls	2	14.20		0.30	8.52	- 1-116		
		2	14.20		0.30	8.52		000.00	0440.00
						17.04	sqm	202.00	3442.08
,	Suspended floors, roofs, access	1	3.70	4.00		14.80			
d	platform, balconies (plain surfaces) and								
		1	10.00	0.60		6.00	1.00		
	. 1877 год — подня при при принципальной при	1,	10.00	ugailje i	0.15	1.50			4000.00
		ha.	113			20.80	sqm	235.00	4888.00
	Edge of slab, breaks in floor and walls	1	15.40		C Es	25.00	metre	34.00	850.00
	upto 200mm.	g .	10.70	- 2	n ;	20.00		- 1.00	
е									
e f	Weather shade, chhajja, Cornices and	1	14.20	0.60	× .	8.52	sqm	294.00	2504.88

The second

					•				
	EM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	K with modular fly-ash lime								1
	(I) LG Bricks) confirming to			1			1		
	5:12634-2002 of class designation 4.0 in			1	l	1			
1	foundation and plinth in:								
	Cement Mortar 1:6 (1 cement : 6 coarse	1	14,20	0.30	0.40	1.70			
· ·	sand)	<u> </u>							
ē.		1	14.20	0.20	2.10	5.96 2.56			
À		1	14.20	0.20	0.90	1.20			
1	platform	1	10.00	0.20	0.00	0.27			
	stair	3	2.00	0.30	0.30	0.92			
	de du ella e	-	15.40	0.20	0.00				
-	deduction	-1	1.20	0.20	2.10	-0.50			
	DOOR	-4	1.20	0.20	1.20	-1.15			
	WINDOW	-4	0.90	0.45	1.20	-1.94			
	VENTILATOR		0.50	0.40		9.02	CUM	3263.00	29425.73
	Extra for brick work in superstructure	11 12 22					. ,		
9	above plinth level for every floor or part	ь 1 ж	*; *		*				1
, ,	thereof in addition to rate for foundation					1			
	dicicol in addition to fate for fourth-				1.0	9.44		101.00	1142.72
					Tasjë ya Til	9.44	CUM	121.00	1142.12
	Providing and fixing steel door/ window	ia ii			-				
	with M.S. sheet 1mm thick, frame of			. 6				*	
_	angle iron, diagonal braces of angle/ flat			j ä					-
10	iron of suitable size, 3.00 mm M.S.		· · ·			1 2			
	gusset plates at junctions and corners, all			4.		16 1	J		
	necessary fittings complete including					1			
	applying a priming coat of red oxide zinc	an di	Indiana latera la	0.40	40.00	100.80	, limi		
	door		1.20	2.10 1.20	40.00	230.40	r was made		
	window	4	1.20	1.20	40.00	331.20	kg	75.00	24840.00
				d tr					
	Providing and fixing M.S. grill of approved	p\$. 19 . 19	ij.	3 · · · · · · · · · · · · · · · · · · ·	. (1)	. :		
	pattern made of M.S. flats or square or round bars welded to steel frame of	11							
44	round bars welded to steel frame of						7 1		
11	windows etc. including applying a priming coat welded to frame with all necessary						. 5		
	fitting complete including applying a							92. ² 5	
	priming of red oxide zinc chromate primer		e, illin (light)	73,700				477 8 .	
	window	3	1.20	1.20	20.00	86.40	1.	1.81 _	` ` `
		4	0.60	0.45	15.00	16.20	les	C7 F0	COSE ED
	A STATE OF THE STA					102.60	kg	67.50	6925.50
40	Providing and making 12mm thick							•	
12	cement plaster of mix:) (200 m)					
	In Cement Mortar 1:6 (1 cement : 6 fine	1	14.20		3.20	45.44	sqm	91.50	4157.76
	sand)						•		
	Providing and making 15mm thick		, .						
13	cement plaster on the rough side of				,				
	single or half brick wall of mix:		44.						
	In Cement Mortar 1:6 (1 cement : 6 fine	1	14.20		3.60	51.12	sqm	107.00	5469.84
	sand)		. ,,						
	Providing and applying 2mm thick ready								
	mix exterior grade approved make putty				•				-
	(like Birla wall care, Alltek Superfine W/R		, :			96.56	mpá	94,50	9124.92
	of (NCL), Asian, ICI, Nerolac, J.K. wall	. :				55,55	-4		
	putty) on walls to make the surface			1 6					. 1
	smooth and even	da.			- Flag 51:	* * *	·	directions.	g to go the company of the
1.44	10000000000000000000000000000000000000	. ,		. 1 157			32.12 · = 18	week the	x

· Then

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	EM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	all painting with acrylic luxury		·						
	sion (plastic) paint of required shade	,	. ,		1				
	give an even shade.		1 5		į.				
1	On new work (two or more coats)			-				50.50	0205 60
1	Chinan war (mac a mara adata)	1				45.44	sgm	52.50	2385.60
	Painting exterior surface with ACRYLIC								
	SMOOTH exterior paint of required		1					1	
16	shade as per manufacturer's								
	specifications to give protective and		2, *						
	decorative finish including cleaning		-				17.	56.00	2862.72
	On new work (Two or more coats applied				.	51.12	sqm	56.00	2002
	@ 1.43 ltr/ 10 sqm over and including								
17	Painting on new work (two or more coats)		-						
	to give an even shade with	2	1.20	2.10	·	5.04			
	Satin Synthetic Enamel Paint	4	1.00	2.10		8.40			
		3	1.50	1.20		5.40		-	
		4	1.20	1.20		5.76			
		4	0.60	0.45		1.08	sqm	55.00	1412.40
						25.68	Sqiii		
	Providing and laying vitrified floor tiles								
	with double charge/ multi charge printing		÷+*		* es			-	
	with water absorption less than 0.5% and			Î					
18	conforming to IS: 15622 of approved								
	make in all colours and shades and size					9			
	mentioned below (+/- 10mm), laid on	100		i e			1	•	
	20mm thick cement mortar 1:4 (1 cement	1	3.00	3.70		11.10	>		
	Size 600x600mm	1	14.20		0.80	11.36		000.00	21628.9
,		j			1.12	22.46	sqm	963.00	21020.9
	15mm thick Granite work (machine cut,								
	lubbo nibbod & mirror polished) for		ŧ						
	licebon platform vanity counters, william								
19	lating and similar locations of required size							•	
	lieid over 20mm thick base cement mond		<u> </u>						
	1:4 (1 cement : 4 coarse sand) including		10.00			6.00	1		
	17:4 (1 Cement. 4 Cours	1 1	1 7/11/11/1	0.60		0.00			
	Granite stone black	1	10.00	0.60		1.50			
	Granite stone black	1	10.00	0.60			sqm	3279.00	24592.5
	Granite stone black		1	1	,	1.50	sqm	3279.00	24592.5
	Granite stone black Providing and fixing ceramic glazed wall		1	1	,	1.50	sqm	3279.00	24592.5
	Providing and fixing ceramic glazed wall		1	1		1.50	sqm	3279.00	24592.5
	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of		1	1		1.50	sqm	3279.00	24592.5
20	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick		1	1		1.50	sqm	3279.00	24592.5
20	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3		1	1		1.50	sqm	3279.00	24592.5
20	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3	1	10.00	1		1.50 7.50	.>		
20	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including		1	1	1.20	1.50	sqm	3279.00	
20	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm	1	10.00	1	1.20	1.50 7.50	.>		
20	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm 12.37Chequerred precast cement concrete tiles 22mm thick in footpath &	1	10.00	1	1.20	1.50 7.50	.>		
	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm 12.37Chequerred precast cement concrete tiles 22mm thick in footpath & courtvard jointed with neat cement slurry	1	10.00	1	1.20	1.50 7.50	.>		
20	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm 12.37Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade	1	10.00	1	1.20	1.50 7.50	.>		
	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm 12.37Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc	1	10.00	1	1.20	1.50 7.50	.>		
	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm 12.37Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement	1	10.00	1	1.20	1.50 7.50	.>		
	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm 12.37Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement Medium shade using approximately.	1	10.00	1	1.20	1.50 7.50	.>		
	Providing and fixing ceramic glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including Size upto 200x300mm 12.37Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement	1	12.00	0.15	1.20	1.50 7.50	.>		

							1 1 1 - 14	Data	Amount
*	A SEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
1	61-304(18/8) wash basin with C.I.								
	kets 32 mm C.P. brass waste of	-	1.			İ			
	standard pattern, including painting of								
/	brackets, cutting and making good the			1			,		
/	walls wherever required :				24 1		<u> </u>	1005.00	4095.00
17°	Size 510x410 mm	1		EEE 1	11 11	1.00	each	4095.00	4093.00
	19.13Providing and fixing 15 mm					. 4			1
23	nominal bore Brass bib/stop cock of	1	*.	1	·		1		
20	approved quality:			1 1 1 4	i i				
<u> </u>	Bib cock (350 grams)	14. 3.					 	237.00	237.00
	DID COCK (DDD grains)			1		1.00	each	237.00	207.5
ii	Piller Cock (400 grams)	4						398.00	398.00
.11	I lilet Oock (400 grains)	III.	Langeragin	ä		1.00	each	390.00	000.0
	Providing and fixing ball valve (brass) of	1	1 1						
24	approved quality, High or low pressure,			1 1			1.00		
24	with plastic floats complete			Ĭ.					
	20 mm nominal bore			- 1 10 mm m m m m m m m m m m m m m m m m			1,	394.00	394.00
	20 min nominal bore					1.00	each	394.00	-
	Providing and fixing stainless steel drain	1							
25	jali of approved make/quality.	d.		ne veta alta	ing dise	1 00	anah	51.00	51.00
-	Jan or approved makerquamy.	Allei .				1.00	each	31.00	
		and a							
	Providing and fixing on wall face or under		inches de la companya						i:
	floor UV stabilized Unplasticised Rigid							15	
	PVC pines (single socketed) having			à	•	-	š ~		
26	3 2mm wall thickness conforming to 15:								
	13592 (4kg/sgcm) including required			a 44			1		o a relativa
	couplers, jointing with seal ring			1			- 1		
	110 mm dia pipe.					12.00	metre	267.00	3204.00
	The second of th		a inga eng			12.00	11.04.0		, e ⁵ .
	Providing and fixing Chlorinated Polyvinyl			j. :					
	Chloride (CPVC) pipes, naving thermal			d		, i		1	
-	stability for hot & cold water supply	4							
27	lincluding all CPVC plain & prass								-
	threaded fittings i/c fixing the pipe with				•		-1 .		
	clamps at 1.00 m spacing. This includes		Leiv I	t va. d			i a	in the second	
	jointing of pipes & fittings with one step								
	CONCEALED WORK including cutting				d wil		2 2 2		
i.	chases and making good the walls etc.	1	17.00	1	rano ero i	17.00	metre	213.00	3621.00
	25 mm nominal outer dia .Pipes	1	15.00			15.00	metre	167.00	2505.00
	20 mm nominal outer dia .Pipes.		13.00						
	Deviding and placing on terrace (at all]				l	
4	Ifor levels polyethylene water storage					4000.00	liane	7 20	7300.00
28	tank ISI · 12701 marked with cover and	1	1000.00			1000.00	litre	7.30	7300.00
. 20	suitable locking arrangement and making	ě							1
12	Inacessary holes for inlet, outlet and	Umpaka	rt, a B					-	202200
1	auadlam siaca hut mithaut tituada asa tin				10.			TOTAL	286796.02
1	For	Electi	rification V	Vork (P	.W.D. I	ectrical !	Sor 01.0	06.2020)	10632.72
1	The state of the s	14 W. T.			7 1 40.0			ng Board	2500.00
à	. A characteristic word of the state				Dan B			MOUNT	299928.74 300000.00
	"Therein touth eather	rice.				Sa	y AS AI	mmount	2400000.00
			1			US NO	2 V 200	000.00-	100000.00
7.0		4							

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

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

DETAIL ESTIMATE

of Work :- Construction of Kitchen Shade At 06 Nos Govt. School Under Kosabadi Zone, Nagar As Per Sor :- Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015] and [PWD ELECTRICAL 01-06-2020]

	TRICAL 01-06-2020] ITEM DESCRIPTION	NI .		ГВ	H/D	Qty	Unit	Rate	Amount
Sno.		N	la la		1110	wil		1	
	Excavation for All Types and sizes of foundations, trenches and drains or for					,	. >		
	any other purpose including disposal of					,			
1	excavated stuff upto 1.5 m lift and lead		-	i - i	1				
	upto 50m (at least 5m away from the			18 ⁶ A	<u> </u>				
	excavated area), including dressing and	ŀ							
	In All Types of soils.					.10			
		6	1.50	1.50	1.30	17.55	3 2 2 2		V
		1	22.00	0.40	0.50	4.40	1		
	Plinth Protection Work	2	6.00	1.00		2.40		1. Also A.	
	Plintin Protection vvoic	2	4.50	1.00		1,80			C B A
		, . Z .	4.50	1.00	-3.174	26.15	CUM	185.00	4837.75
	Providing and filling in plinth with sand/								
	Crusher dust and hard moorum under					7			
2	floor in layers not exceeding 20 cm in	<u>.</u>							
_	depth consolidating each deposited	i.		5	`				
	layer by ramming and watering.		4.50	1.50	0.10	1.35			
		6	1.50		0.10	88.0	7 4 4 7		
		1	22.00	0.40	0.60	17.55			
		1	6.50	4.50	0.00	19.78	CUM	371.00	7338.38
						15.70	00.0		
	Providing and laying nominal mix plain								
3	cement concrete with crushed stone							:	
3	aggregate using concrete mixer in all							9.6g	2 122 1
	works upto plinth level excluding cost of								
i	1:4:8 (1 cement : 4 coarse sand : 8 graded stone Aggregate 40mm nominal	i				ana i	¹ area		
	graded stone Aggregate 40mm nomms.	6	1.50	1.50	0.10	1.35			
-		1	22.00	0.40	0.10	0.88			
	Plinth Protection Work	2	6.00	1.00	0.10	1,20	18., 71.11 1 *********************************		
	Plinth Protection VVOIX	2	4.50	1.00	0.10	0.90			3.
	24	. 1	6.50	4.50	0.10	2.93			
					Har III	7.26	CUM	2659.00	19291.0
						e a taranini	i tanaasi	Trickin	
	1:11/2:3 (1 cement : 11/2 coarse sand : 3	11 - 11	2-1, 1-1, 1, 2-1 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		i. ;	TOTAL TOTAL CONTRACTOR OF THE			
ii	graded stone Aggregate 20mm nominal				0.10	4.00	,		
	Plinth Protection Work	2	6.00	1.00	0.10	1.20			
		2	4.50	1.00	0.10	0.90	2 3 2 2	1055 55	0550.00
-						2.10	CUM	4073.00	8553.30
	Providing and laying nominal mix				•				
	reinforced cement concrete with crushed								
4	stone aggregate using concrete mixer in		·	· 8	er é			· .	
16.6	all works upto plinth level excluding cost			1. H			7		
	of form work	Mary Maria					1		
	1:11/2:3 (1 cement: 11/2 coarse sand: 3	par .						,	
	graded stone Aggregate 20 mm nominal							h I manuful a	and the second second
		6	1.30	1.30	0.30	3.04			Comment of the Commen
		6	0.80	0.80	0.40	1,54			
	UPTO PLINTH	6	0.30	0.20	1.00	0.36			
	The second secon					1.00			
	PLINTH BEAM	1	22.00	0.20	0.30	1.32			

	ÉM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	BEAM	1	32.00	0.20	_	1.92			
	HANN	4	1.80	0.60		0.65			
/	PLATFORM	1	12.00	0.60		1.08			
	SLAB BEAM	1	32.00	0.20	0.30	1.92	1	1	19 Au 5 1 10 11
No.	SLAB	1	7.20	5.20	0.130		01111	4462.00	74739.17
		la for				17.95	CUM	4163.00	74700.11
5	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to					10.44	CUM	97.50	1017.43
6	rate for foundation and plinth Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth All Complete							54.50	88060.45
	Thermo-Mechanically treated bars FE	17.95			90.00	1615.79	Kg	54.50	00000.40
7	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal At All levels, for:					,			
а	Foundations, footings, bases of columns plinth beam, curtain wall in any shape	24	1.30		0.30	9.36			
	and size and all type of wall below plinth	24	0.80		0.40				
		6'	1.00	a Franci	1.00	6.00			
		2	22.00		0.30	13.20		100.00	3969.84
		E 18.3				28.56	sqm	139.00	3903.04
	Columns, Pillars, Piers and likes-	unia.	,				::		
b	rectangular or square in shape	MINIMEN :	in a decision	d material -	0.50	21.00			
	The Line of the Li	6	1.00		3.50		sqm	297.00	6237.00
		<u> </u>	00.00		0.30	19.20	34		
С	Beams, lintels, cantilevers & walls	2	32.00	relation in	0.30	19.20			
		2	32.00		0.00		sqm	202.00	7756.80
			dan merekan Tabungan	n dan ma		211	3.4	1 1 1 1 1	
.,	Suspended floors, roofs, access	1	7.20	5.20		37.44			
ď	platform, balconies (plain surfaces) and	1	12.00	0.60	4 5	7.20			House I.
	wall in the state of the state		12.00		0.15	1.80			: - · · ·
15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				l maint	44.64	sqm	235.00	10490.40
е	Edge of slab, breaks in floor and walls	1	25.00			25.00	metre	34.00	850.00
f	upto 200mm. Weather shade, chhajja, Comices and	4	1.80	0.60		4.32	sqm	294.00	1270.08
В	mouldings 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:							•	
	Cement Mortar 1:6 (1 cement : 6 coarse sand)	1	22.00	0.30	0,40	2.64			- 3
		6.1	20.00	0.20	2.10	8.40	1 7 1		
5 V	Av gradavi	献1	20.00	0.20	0.90	3.60	,—	an men ye	
y (10-10 ¹)	platform	211	30.00	0.20	0.60	3.60			
	stair	3	7.00	0.30	0.15	0.95			
		1.	4.00	0.20	2.80	2.24			
		2	2.50	0.20	2.80	2.80	<u> </u>		
		ilin 1	22.00	0.20	0.30	1.32			
	deduction	Maria de la companya				Sala Sala			. 11

	EM DESCRIPTION	N	L	В	H/D		Unit	Rate	Amount
		-1	1.50	0.20	2.10	-0.63			
	MDW	-4	1.50	0.20	1.20	-1.44			
1	VENTILATOR	-6	0.90	0.45	1.20	-2.92			07004 00
200			1. 1811			20.56	CUM	3263.00	67084.02
	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					13.32			
						13.32	CUM	121.00	1611.72
0	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 comers, all necessary fittings complete including applying a priming coat of red oxide zinc				05.00	78.75			
	door	1	1.50	2.10					
		2.	1.00		20.00	84.00	-		
	window	3	1.50	1.20	25.00	135.00	ka	75.00	22331.25
						297.75	kg	70.00	
11	Providing 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. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.								
		3	1.50	1.20	20.00	108.00			
	window	6	0.90	0.45	15.00	36.45			0750.29
						144.45	kg	67.50	9750.38
12									2222.50
	In Cement Mortar 1:6 (1 cement : 6 fine	1	32.00		3.20	102.40	sqm	91.50	9369.60
13	single or half brick wall of mix:				4.1				<i>y</i> -
	In Cement Mortar 1:6 (1 cement : 6 line	1	33.00		3.60	118.80	sqm	107.00	12711.6
14	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 make the surface smooth and even					221.20	sqm	94.50	20903.4
15	14.11Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.					:			
	On new work (two or more coats)					102.40	sqm	52.50	5376.00
		1000000	8 9						

	M DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	exterior surface with ACRYLIC								
	TH exterior paint of required			1					
	natie as per manufacturer's	- 1		1					
1	specifications to give protective and								
	decorative finish including cleaning								
3.5	washing of surface etc. complete with				-		-		
	On new work (Two or more coats applied					118.80	sqm	56.00	6652.80
	@ 1.43 ltr/ 10 sqm over and including		Lynn helen			110.00			
	Painting on new work (two or more						1 1		
7	coats) to give an even shade with				·		 		
	Satin Synthetic Enamel Paint	2	1.50	2.10		6.30	-		
	Oddin Cynthedo Erfamer Cam	4.	1.00	2.10		8.40			
		3	1.50	1.20		5.40			
				1.20		10.80			
		6	1.50			2.43		-	
-		6	0,90	0.45		33.33	sqm	55.00	1833.15
						33,33	139		
	Providing and laying vitrified floor tiles						1 1		
	with double charge/ multi charge printing								
	with water absorption less than 0.5% and								
	conforming to IS: 15622 of approved	l		- 1	•		1		
	make in all colours and shades and size	Į.							
18	mentioned below (+/- 10mm), laid on								
	20mm thick cement mortar 1:4 (1 cement)								
	· 4 coarse sand) including grouting the								
	ioints with white cement and matching		18	and the second					y
	pigments etc. complete.		Yaganin a seni	1.50		29.25			
	Size 600x600mm	g., 11	6.50	4.50	0.40	I			
	012C 000ACCC 1111		22.00		0.10	2.20		963.00	30286.35
						31.45	sqm	903.00	OOLOGICO
	15mm thick Granite work (machine cut,							5 **	
	table rubbed & mirror polished) for							± ,	i.
	kitchen platform, vanity counters, window	ii.			i.	1			
	sills and similar locations of required size			1.				8	
	livia area 20mm thick hase cerneri								
19	1 4.4 /4 coment 4 Codist Sally								1
	It-strating joints treated With Willie Cellion				1	1			
	rubbing and polishing to edge moulding			1	41.				-
	to give high gloss finish.					7.00			
	to give high glose him	1	12.00	0.60	-	7.20		100	-
	Granite stone black	1	12.00	0.15		1.80			00544.0
					1	9.00	sqn	n 3279.0	29511.0
	1 4	1			: 72	12:17			
	Providing and fixing ceramic glazed wall	1.							1
	latter conforming to IS: 13022 U			9	,				1
	make colours shades and		1	-	- 1-	1	1	-	
	and dados over 12 milli unch				1		1		
20	had of cement Mortar 1:3 (1 cement, 5	in the			1	· 7		1	
	leading with dien	1	1			E .	1		
	coment slurry @ 3.3kg per squi illuduling	. 4							
	pointing in white cement mixed with		45.55	-	1.20	14.40	Sqi	m 587.00	8452.80
and and	Size upto 200x300mm	1	12.00		1.20	14.41	- 34 1		
	12.37Chequerred precast cement				1 '				
	concrete tiles 22mm thick in footpain &				1				
	courtyard jointed with neat cement slurry			1	i		1		
^-					٠				
2	of tile including cleaning of joint etc		1	. 4					10
	complete on 20 mm thick bed of cement		1						
	mortar 1:4 (1 cement :4 coarse sand) :			r	, L		-		

	M DESCRIPTION	N	L	В	H/D	Qty ->	Unit	Rate	Amount
	Medium shade using rately. 50% white cement and	3	7.00	0.30	3	6.30			
1	ordinary cement		7.00		0.15	3.15			
		3	7.00		3.10	9.45	sqm	591.00	5584.95
,	18.20Providing and fixing stainless steel AISI-304(18/8) wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of								
	brackets, cutting and making good the				1	1 20	- ab	4095.00	4095.00
	Size 510x410 mm	1				1.00	each	4090.00	
	Providing and fixing 15 mm nominal bore								
3	Brass bib/stop cock of approved quality:	11.37 (14.1	senia li	1 1 1				V1.1.8 16.	
	Bib cock (350 grams)					1.00	each	237.00	237.00
			1		. Parkin to	1.00	Caon		
		. 1971 M							
	Piller Cock (400 grams)	s. Filh see				1.00	each	398.00	398.00
						1.00	1000		
					, Cand. d d i. e. t			: *** * * * : .	,
24	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete								
	20 mm nominal bore					100	each	394.00	394.00
	20 IIIII IIOIIIII 2015					1.00	eaci	334.50	
	Providing and fixing stainless steel drain								
25	jali of approved make/quality.					1.00	each	51.00	51.00
			Olege Libra. V						
26	couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.								
	110 mm dia pipe.					12.00	met	re 267.00	3204.00
2	Providing and fixing Chlorinated Polyving Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.								
	CONCEALED WORK including cutting								
·	chases and making good the walls etc.	il Grai.	13.2	20		13.2	0 me	tre 213.00	2811.60
4	25 mm nominal outer dia .Plpes 20 mm nominal outer dia .Pipes.	3 GE 1	15.0			15.0	0 me	tre 167.00	
	ZU MIM NOMINAL OUTER DIA .F.IPES.	TARKET	10.0		<u> </u>				

		. •							
			· • ·		H/D	Qty	Unit	Rate	Amount
	TEM DESCRIPTION	N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	В	n/U	<u> </u>			₆ 1
28	ding and placing on terrace (at all locravels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings	1	1000.00			1000.00	litre	7.30	7300.00
	and the base support for tank	4						TOTAL	486866.26
								10632.72	
	For Electrification Work (P.W.D. Electrical Sor 01.06.2020) Writing Board TOTAL AMOUNT							2500.00	
								499998.98	
	Sou As Ammount								500000.00
	06 Nos X 500000.00=								3000000.00
		1-400-201			•				

Sub Engineer
Municipal Corporation
Korba (C.G.)

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