## कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ)

फा.क. 231 / 2025

सिस्टम टेंडर नं.170052

कोरबा दिनांक 13.06.2025

ई-निविदा आमंत्रण सूचना

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

फिजिकल सबिमशन लिफाफा प्राप्त होने की अंतिम तिथि

09.07.2025 सायंकाल से 3.00 बजे तक

निविदा खुलने की अंतिम तिथि

09.07.2025 सायंकाल 4.00 बजे से क. कार्य का नाम प्राक्कलन कार्यावधि निविदा ठेकेदार निविदा धरोहर राशि प्रतिभागी शुल्क का वर्ग खुलने की राशि (FDR/TDR) (डिमांड ड्रॉफ्ट) तिथि (लाख में) वार्ड क. 10 अंतर्गत स्थित शा.प्रा. शाला 16.95 12750/-०४ माह 750/-वर्ग डी 09.07.2025 1 बरबसपुर में नवीन भवन का निर्माण कार्य एवं प्रवर से ..... श्रेणी (जि.ख.न्या. मद)

शर्त

2.

5.

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 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 विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।

इच्छुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप 3 डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर 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 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 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। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबिमशन 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 मरम्मत् एवं संघारण मूद को 4. 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 स्थित 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

हो वे निविदाकार ही निविदा हेतु पात्र होंगे।

निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 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।

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

8. प्रयुक्त लाहा की बिल एवं ट्रस्ट रिपोर्ट तथा प्रयुक्त सामेंट पर्ग बिल सिलम प्रिशा जानवार्य होगा। निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., 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। 9

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

निविदा प्रपत्र फार्म —ए की कंडिका 11 Price Adjustment (एसकलेशन) 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, 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. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना 16 संभव नहीं होगा।

17.

कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा। ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा। 18.

> कार्यपालन अभियंता नगर पालिक निगम क्रॉरबा (छ.ग.)

प्रतिलिपि-

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	Start		Expir	у	Remarks
No.			Date	Time	Date	Time	
1	Release Tender		13.06.2025	15.30	13.06.2025	15.30	Release Tender
2		Bid Submission	13.06.2025	15.30	07.07.2025	17.30	
3		Physical Document Submmission	13.06.2025	15.30	09.07.2025	15.00	
4	Tender Open		09.07.2025	16.00			

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

#### **Abstract**

Sub :- Construction of Now School Building For Govt. Primary School Barbaspur At Ward No.-10.

As per Sor - Schedule of Rates Public Works Department [ PWD BUILDING 01-01-2015] As per Sor - Schedule of Rates Public Works Department [ PWD Electrical 01-06-2020]

S.No	Work Description	Unit	Rate	Amount
1	Dismantle of Old School Building	Job	As per Sor	78768 92
2	Construction of New School Building	Job	As per Sor	1349189.26
3	Construction of Toilet and Bathroom	Job	As per Sor	180981 48
4	Internal Electrification work in school building	Job	As per Sor	86019 00
	T	otal Estimate	Amount Rs.	1694958.66
		Ar	nount Say As	16.95

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

#### **DETAILED ESTIMATE**

of Work - Dismantling of Old School Building At Govt. Primary School Barbaspur At Ward No -10

As pur ser - Schedule of Rales Public Works Department [ PWD BUILDING 01-01-2015]

0.	ITEM DESCRIPTION	N	L	В	HVD	Qty	Unit	Rato	Amoun
- 1	10.42 Demolishing R.C.C work including stacking of steel bars and disposal of unserviceable material within 50 metro lead.						- Olik		
_		12	0.20	0.40	4.20	4.03	1	_	
_		1	98.20	0.20	0.30	5.89			
_		2	98.20	0.20	0.20	3.93			
_		1	19.50	7.50	0.12	17.55	1		
_		1	19.50	0.60	0.10	1.17	1		
					Total	32.57	Cum	768.00	25015.3
2	10.45 Extra for scrapping cleaning and straitening reinforcement obtained on demolishing of R C C or R B work	1	3582.92			3582.92	kg	2.10	7524.13
3	16.3 Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								
	16 3 3 In cement mortar	1	96 5	0.2	4.8	92.64			
		1	55 1	0.2	0.8 Total	8.816 101.456	Cum	263.00	26682.93
4	16 26 Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc complete and stacking within 50 metres lead	9				9	Each	100.00	900 00
5	16.27 Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc complete and stacking within 50 metres lead	6				6	Each	66.50	399.00
5	16 31 Dismantling steel work in built-up section in angles, channels, flats isection and T-section including all gusset plates, bolts, nuts, cutting rivets, welding etc., including dismembering and stacking within 50 metres lead.	1	2	2.4	30	144	kg	1.00	144.00
6	16 38 Taking out stone/ concrete/wooden lintels from building masonry of doors windows or any other opening for thickness upto 15 cm	4	20			80	Metre	73.00	5840 00
7	1 26 Carriage by mechanical transport upto 5 km lead								
	1.26.3 Dismantled Building debris (Mulba)	1	134.03			134.03	cum	91.50	12263.56

Sub Engineer Municipal Corporation Korba (C.G.)

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

## DETAILED ESTIMATE

Name of Work Construction of New School Building For Govt. Primary School Barbaapur At Ward Ho.-10.

ITEM DESCRIPTION N L B Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 in lift and lead upto 50m (at least 5m away from the dressed)  Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 in lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits  In all types of soils. (Foundation) 18 1.50 1.50 Excavation below wall long 2 18.00 0.50 short 2 8.00 0.50 50 Dead Foundation 18 1.50 0.30 50 Dead Foundation 18 1.50 0.30 50 Platform 1 1.00 0.30 Framp 1 1.00 0.30 50 50 50 50 50 50 50 50 50 50 50 50 50	3 01-01-20 H/D	264 00 264 00	Unit	Hate	Amount
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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 levelling of pits  In all types of soils.( Foundation ) 18 1.50 1.50 Excavation below wall long 2 18.00 0.50 short 2 8.00 0.50 2 8.00 0.50 2 3.00 0.50 Dead Foundation			Sqm	7.20	1900.80
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 pits  In all types of soils. (Foundation ) 18 1.50 1.50 Excavation below wall long 2 18.00 0.50 short 2 8.00 0.50 2 4.20 0.50 2 4.20 0.50 Dead Foundation					<b>以下</b>
and lead upto 50m (at least 5m away from the excavated area), including dressing and levelling of pits  In all types of soils. (Foundation ) 18 1.50 1.50 Excavation below wall long 2 18.00 0.50 short 2 0.00 0.50 2 4.20 0.50 2 4.20 0.50 Dead Foundation 18 1.50 0.30 Step 1 3.00 0.00 Platform 1 1.10 0.30					
excavated area), including dressing and leveling of pits					
pits					
In all types of soils.( Foundation )   18					
Excavation below wall long         2         18 00         0 50           short         2         8 00         0 50           2         4 20         0 50           2         3 00         0 50           Dead Foundation         18         1 50         0 30           Step         1         3 00         0 00           Platform         1         1 10         0 30					the parties
Short   2   8 00   0 50	1 50	60 75			
2   4 20   0 50     2   3 00   0 50     2   3 00   0 50	1 50	27 00	.		
Dead Foundation     2     3 00     0 50       Step     1     3 00     0 00       Platform     1     1 10     0 30	1 50	12 00			
Dead Foundation         -18         1 50         0 30           Step         1         3 00         0 00           Platform         1         1 10         0 30	1 50	6 30	<del>  </del>		
Step         1         3 00         0 00           Platform         1         1 10         0 30	1.50	4.50			
Platform 1 1 10 0 30	1 50 0 10	-12 15 0.27	<del>  </del>		
	0 10	0.03	<del>  </del>		
	0 10	0.12	1		
1 400 000	Total	98.82	cum	185 00	18282 26
Providing and filling in plinth with sand/ Crusher	1000	30.00	-	122	
dust and hard moorum under floor in layers not					
3 exceeding 20cm in depth consolidating each					
deposited layer by ramming and watering,					
including dressing etc. complete.				5.47	
18 150 150	0 15	6.08		1000	<b>高春</b>
Excavation below wall 1 69 10 0.50	0 15	5.18		TAILURE.	West F
			$\vdash$	1 400	
	0 15	2 70	$\longrightarrow$		
short 2 8 00 0 50	0.15	1.20			
2 4.20 0.50	0 15	0.63			
2 3 00 0 50	0 15	0.45			. B. 5
Step 1 3.00 0.90	0 15	0 41			
Platform 1 1 1 1 0 0 30	0 15	0.05			
			+		The Samuel
	0.15	0 18			
Class 3 6.00 4.50	0 15	12.15		- Field	
Office 2 2 90 2 90	0 15	2.52			
Verandah 1 12 00   3 00	0 15	5.40		SYNTHE	
	Total	36 95	cum	371 00	13706.60
Filling from available excavated stuff (Excluding					
rock) in trenches, plinth, sides of foundation etc. In					
layers not exceeding 20cm in depth consolidating		Ī	1 '	1	
each deposited layer by ramming and watering		1		1	
with a lead upto 50,M and lift upto 1.5 M 98.82					1 -
	0 80	79.06	cum	65 00	5138 80

	providing filling and compacting local earth (from approved source pit) in layer not exceeding 20cm and depth consolidating each deposited layer by aming and watering, including dressing etc.  Class Office  Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement 3 coarse sand 6 graded stone aggregate 40mm nominal size)	2 1	2.90	2 90	07		Unit	Rate	Ато
	class Office Verandah Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement 3 coarse sand 6 graded stone	1	2.90	2 90	0.7				
CC CC VV	Class Office Verandah Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1.3.6(1 cement 3 coarse sand 6 graded stone	1	2.90	2 90	0.7				
C C C C C C C C C C C C C C C C C C C	Class Office Verandah Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1.3.6(1 cement 3 coarse sand 6 graded stone)	1	2.90	2 90	0.7				_
C C C C C C C C C C C C C C C C C C C	Class Office Verandah Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1.3.6(1 cement - 3 coarse sand - 6 graded stone)	1	2.90	2 90	07				-
C V V C C C C C C C C C C C C C C C C C	Office Verandah  Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement 3 coarse sand 6 graded stone	1	2.90	2 90	07				
C V V C C C C C C C C C C C C C C C C C	Office Verandah  Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement 3 coarse sand 6 graded stone	1	2.90	2 90	07				_
C V V C C C C C C C C C C C C C C C C C	Office Verandah  Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement 3 coarse sand 6 graded stone	1	2.90	2 90	07				-
VV   P   P   P   P   P   P   P   P   P	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement 3 coarse sand 6 graded stone			-					
P   P   C   C   C   C   C   C   C   C	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement 3 coarse sand 6 graded stone	1	9 10	1.80		3.03			_
3 c c c c c c c c c c c c c c c c c c c	concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement - 3 coarse sand - 6 graded stone								
3 c c c c c c c c c c c c c c c c c c c	concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement - 3 coarse sand - 6 graded stone				Total	55 15	Cum	242.00	1334
C   C   C   C   C   C   C   C   C   C	concrete mixer in all works upto plinth level excluding cost of form work.  1 3 6(1 cement - 3 coarse sand - 6 graded stone								
6 1 2 5 5 6	excluding cost of form work.  1 3 6(1 cement - 3 coarse sand - 6 graded stone								1
1 a a a a a a a a a a a a a a a a a a a	1 3 6(1 cement 3 coarse sand 6 graded stone			1					10
6 5 6 7	aggregate 40mm nominal size)		-			-		<del> </del>	-
5 1 1	,								
5 1 1		17	1.50	1.50	0 15	5:74			$\vdash$
r G	Excavation below wall	1	69 10	0.30	0.15	3.11			
ľ	Step	1	3.00	0.90	0.15	0.41			
	Platform ,	1	1 10	0.30	0 15	0.05			
	ramp	1	4 00	0.30	0.15	0.18			
- 1	Class	2	6,00	4 50	0 15	8.10			
-1	Office	1	2 90	2 90	0 15	1.26			
\	Verandah	1	12.00	2 90	0 15	5.22			
-					Total	24.06	cum	2970.00	71467
,	Providing and fixing form work including centring,								
	shuttering, strutting, staging, propping bracing etc.								
	complete and including its removal at all levels, for								
	Foundations, footings, bases of columns plinth							(September	ENTRY CO.
	beam, curtain wall in any shape and size and all								
	type of wall below plinth level			1				74.5	
_	Foundations	56	1.40		0 30	23.52			100
		56	0.80		0 20	8.96			
c	column upto plinth level	28	0.20		1.20	6.72			
$\dashv$	3	28	0.30		1 20	10,08			
4		8	1.40		0 30	3.36			
-		8	0.80		0.20	1 28			
-		8	0.20		1.20	1 92			
	linth beam	2	18 00		0.30	2.88 10.80			-
1	mini Deam	2	8.00		0 30	4.80		The Park Line	Nas
		2	4.20		0 30	2.52	-		Truj,
-		2	3.00		0.30	1.80		20	-
-					3.00	78.64	sqm	139 00	10930
C	olumns, Pillars, Piers and likes- rectangular or						oqiii	10000	1000
	quare in shape								
		28	0.20		4.20	23 52			1 - 132
$\bot$		28	0 30		4 20	35 28			
		8	0.20		4.20	6.72			
_	14,14,72	8	0 40		4.20	13.44			
-	788.78					78.96	sqm	297 00	2345

Sn	ITEM DESCRIPTION	N	T	В	H/D	10:			
F		1	18.0	_	_	Qty 144.00	Un	it Rate	Amount
						244.00	-		
_	turather shade abballa C					144.00	Sq	m 235 00	0 33840 00
	weather shade, chhajja, Cornices and mouldings		_						3 100000
_		8	15			9.00			1
		1	77	0.75	5	5.78			
-					-				
_	Beams, lintels, cantllevers & walls					14 78	pa	m 294.00	0 4343 85
	lintel beam	2	100	_ _					
		2	18.0 8.00		0.25		—		
		2	4.20		0 25		+		
		2	3.00	_	0.25				
	slab beam	2	8.00		0.25			_	
		2	4.20	_	0 30				-
		2	3.00		0 30	1.80			
_			0.00		0.50	25.72	npa	202 00	5195.44
	Providing and laying nominal mix reinforced			+		23.72	- 8411	202.00	3193.44
	cement concrete with crushed stone aggregate								
	using concrete mixer in all works upto plinth level								
	excluding cost of form work.								= ,15
-	1 1% 3 (1 cement 1% coassa coat 2								
	1 1½.3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)								100
-	Footing	<b> </b>	-	-					18 -03
_	r coung	18	1 40	1.40	0.30	10.58			
_		18	0.80	0.80	0 25	2 88			
_	Column upto plinth Beam	14	0.20	0.30	1 20	1.01			Ţ
_		4	0.20	0.40	1 20	0.38	1		1
	plinth beam	2	18.00	_	0.30	2.16	+	+	
_		2	8.00	0.20	0 30	0.96	+-	1	-
		2	4.20	0.20	0.30	0.50	+		<del> </del>
_		2	3.00	0.20	0.30	0 36	1	<del>                                     </del>	<del>                                     </del>
$\perp$	COLUMN upto lintel level	14	0 20	0.30	2 10	1 76		- D/S1	NEPHATY.
		4	0.20	0.40	2 10	0.67	+	Santa Maria	株式大大学 数なでかっ 1
	lintel beam	2	18.00	0.20	0.20	1,44	+		Man and
T		2	8.00	0.20	0.20	0.64	-	A.A. A.	Production
T		2	4.20	0.20	0.20	0.84	——		E. Sieza
$\perp$		2	3.00	0.20	0.20	0.24	├─	<del> </del>	
d	COLUMN upto Slab	14	0 20	0 30	1 20	1.01	┼	<del>                                     </del>	
1		4	0.20	0.40	1 20	0.38	+	<del> </del>	in the E
+	lab	1	18 60	8 60	0 12	19.20	-		- Mary -
5	- beam	2	18 00	0.20	0 30	2.16	-		The second
L		2	8.00	0 20	0.50	1 60	<del>                                     </del>		
		2	4.20	0.20	0.50	0.84	<del> </del>		
L		2	3.00	0.20	0 30	0.84	<del>                                     </del>		<u> </u>
CI	nhajja	8	1 50	0.25	0.10	0.36		- and service day	4
L	C. Burn	1	7 70	0 75	0 10	0.58	-		
		1	1 10	0 60	0.20	0.58	-	Harris II	
		1	18 00	4.20	0.20	6.05			4 -41.57
_	3.00	2	3.00	3.00	0.08	1.44		<b> </b>	1,481
_	1.49	1	14 20	2 90	0.08	3.29			TYPE STATE
L					0 00				A MARIE TO
Pr	oviding and placing in position reinforcement for			-		61.87	cum	4163.00	257569 39
K	C.C. work including straightening, cutting								
De	inding, binding etc. complete as per drawings		- 1						
In	cluding cost of binding wire in foundation and		1						
h,	inth all complete	l					l		
_									

The same

000	ITEM DESCRIPTION	N	TI	-	4				
_	Thermo-Mechanically treated bars FE 415		-	)/cum	H/D	Qty	Unit	Rato	Amou
	7.5 Brick work with modular fly-ush lime beigle		- JUK	reun		4949 69	NO.	54 50	20075
and the same	(Fally Bricks) confirming to 18,12894,2002 of		1		i				
300	designation 4.0 in foundation and plinth in		İ				1		
	Centent Mortar 1 6 (1 cement 6 coarse sand)			-				1	
-	Brick work Below Plinth Level		-	_					1-
_	71111200	2	18 00	_	_	12.96			1
_		2	8.00	0 40		5 76			1
		2	4.20	0 40		3.02			
	B/w upto Lintel level	2	3.00	0 40		2 16			
_	by to byto direction	2	18.00	0 20	2 10	15.12			
		2	8.00	0 20	2 10	6.72		1	
_		2	4.20	0.20	2 10	3.53			1
	B/w upto Lintel Slab	2	3.00	0 20	2 10	2.52			
	6/4 dbto tiliter 3/45	2	18.00	0.20	1 20	8.64			1
		2	8.00	0.20	1.20	3.84			
_		2	4.20	0 20	1.20	2.02			
	Ctop	2	3.00	0 20	1 20	1,44			
_	Step	1	3.00	0 90	0.20	0.54			
		1	3 00	0.60	0 20	0.36			
	Di ef	1	3.00	0.30	0.20	0.18			
	Platform	1	1 10	0.20	0.60	0.13			
	ramp	1	4.00	0 20	0 90	0.72			
						69.66	Cum	3263.00	22730
	Extra for brick work in superstructure above plinth								
11	level for every floor or part thereof in addition to		1						
	rate for foundation and plinth			,		45.61	Cum	121.00	5518.3
12	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding								1 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	rubbing and polishing etc. complete (Area of slab								-12
	to be over 0 20 sqm								100
	and upto 0.50 sqm)								1.40
	Class	3	6.00	4.20	-	75.60			D. S.
	Office	2	2.90	2 90		16.82		- 201	No.
		1	14.20	2.90		11.10		100	
				2.00		41.18			
	Total Skirting Length	2	18 00		0 15	5.40			2,3
		6	4.20		0 15	3 78			
		4	3.00		0 15	1.80			
-		4	3.00		0.15	1.80			
	Ded Opening Length	-1	7.00		0.15	-1.05			127
								- 44	NUMBER
			<b></b>			145.33	sqm	897.00	13036
	Providing and fixing steel door/ window with M.S.								A. C.
	sheet 1mm thick, frame of angle iron, diagonal		1				=,3		
13	braces of angle/ flat iron of suitable size, 3.00 mm								land.
	M.S. gusset plates at junctions and corners, all								linean.
	necessary fittings complete including applying a								164
	priming coat of red oxide zinc chromate primer								
	Door	5	1.00	2 10	30kg/sqm	315 00			
				-		-			
- 13,000	Window ,	8	1 50	1.20		[497:00 I	1		
	Window ventilation	8	0 60	0.50	30kg/sqm	497.00 60.00			

All of	ITEM DESCRIPTION	,							
[s		N	L	В	HID	Qty	Unit	Rate	Amount
1	shutters with vertical channels 20x10x2mm and								
7	braced with flat iron diagonals 20x5mm size with								[
	top and bottom rails of T-Iron 40x40x6mm with			1					
110	Jan steel pulleys'complete with bolts, nuts,	1	2.80		2 10	5.46	sqm	3330	18181 8
	locking arrangement stoppers, handles including								1.0.0.0
1	applying a priming coat of red oxide zinc chromate						1		
	primer	l	1						
-	Providing and making 12mm thick cement plaster of	<del></del>							
15	mix	1							1
-	In Cement Mortar 1 5 (1 cement 5 fine sand)		+	+		+			<del> </del>
1	inner plaster class room (G + 4 2)	2	18.00		3.30	118.80	<del>                                     </del>		<del> </del>
F		6	4.20	<del>                                     </del>	3.30	83 16	$\vdash$	-	<del> </del>
	OFFICE (2 9+2 9)	8	3 00	_	3.30	79 20	<del>                                     </del>	<del> </del>	1 1 1 2
$\vdash$	VERANDAH (3+12)	8	3.00	-	3 30	79.20	<del> </del>	<b></b>	7 70
-		Ť	1000		Total	360.36	sgm	96.50	34774 74
-	11.3 Providing and making 15mm thick cement		<del> </del>	<b>—</b>	70(0)	300.30	34	30.30	0417414
16	plaster on the rough side of single or half brick wall		ŀ						
	of mix		1						
1	In Cement Mortar 1.5 (1 cement - 5 fine sand)		1	$\vdash$		+			
	outer plaster	2	18 00	<del>                                     </del>	4.00	144.00			
-	<u> </u>	2	4.20	$\vdash$	4.00	33 60			
$\vdash$		4	3 00	-	4.00	48.00			
$\vdash$		- 4	3.00		Total	225.60	Sqm	113.00	25492.80
$\vdash$	Providing and applying 2mm thick ready mix			<del>                                     </del>	Total	225.00	Sqiii	113.00	25432.00
	exterior grade approved make putty (like Birla			1					Ţ.
	wall care, Alltek Superfine W/R of (NCL), Asian,								是
17	ICI, Nerolac, J.K. wall putty) on walls to make the								
	surface smooth and even								A 1825
L			-						
L	Ceilling Class	3	6.00	4.20		75 60			
L	Office	2	2 90	2 90		13.05			Y
	Verandalı	1	12 00	3 00		36.00			
Γ	inner plaster class	1	360.36			360.36			
	outer plaster	1	225.60			225.60		一般	
									N. I
- 10	1				total	710.61	sqm	94.50	67152.65
-	Wall painting with acrylic luxury emulsion (plastic)								1247
18	paint of required shade to give an even shade								
			405.01			105.010		53.50	05400.005
	On new work (two or more coats)	1	485 01			485.010	Sqm	52.50	25463.025
	Painting exterior surface with ACRYLIC SMOOTH			1					
	exterior paint of required shade as per								
9	manufacturer's specifications to give protective and								
	decorative finish including cleaning washing of								
	surface etc. complete with							district of	
	On new work (Two or more coats applied @ 1.43								
	ltr/ 10 sqm over and including priming coat of	1	225 60			225 600	Sqm	56.00	12633 6
	exterior primer applied @ 2.20 kg/ 10 sqm)								8294 L
	14 22 Painting on new work (two or more coats) to						1		
T)	give an even shade with					ļ	<u> </u>		The same of
	Satin synthetic enamel paint	2	8.00	1,50	1.20	28.80		691 20	
	· 1854	2	4.00	1.10	2 10	18.48		162.62	
		1	2.80		2.10	5 88		16.46	
	*\$22As.						1		
		11	0.60		0.50	3.30		21 78	
						3.30 56.46	Sqm	21 78 55 00	3105 30

		ITEM DESCRIPTION								
	3/10	1.26 Carriage by mechanical transport upto 5 km	N	L		H/D	Qty	Unit	Rate	Amount
		lead					The second secon	-		
V .	H	1 26 1 Earth	1.00	8.10			The same of the sa	- William Control Control Control		
	- Charles	700	1.00	-			8.10	Cum	111.00	899 10
manual.	-			P	art A- A	s per SOR	Total Estir	nate An	nount Rs.	1349189 26
1										1349189.26

Sub Engineer Municipal Corporation Korba (C.G.)

Asst Engineer Municipal Corporation Korba (C.G.)

## DETAILED ESTIMATE

Name of Work Construction of Bathroom And Tollet At Govt. Primary School AtWard No.-10.

					The state of the s	DI ALWARD	NO10.		
AS	Schodule of Rates Public Works De	partment	[PWD B	UILDIN	IG 01-01	-2015]			
_	per Six - Schedule of Rates Public Works De		7	_					
Sna	Surface dressing of the ground including	N	L	D	HID	Qty	Unit	Rate	Amount
	removing vegetation and making up undulations								
1.	and in-equalities not exceeding 15 cms in depth/			1					1
1	height including disposal of rubbish upto 1.5 m			1				1	
-	lift and lead upto 50m (at least 5m away from			1				1	
-									
_	bath	1	4.00	3.00		12.00			
	septic tank	1	3 00	3 00		9.00			
					Total	21 00	Sam	7.20	151 20
	Excavation for all types and sizes of							1	\$18.10 (age of )
1	foundations, trenches and drains or for any								# 1 · · ·
2	other purpose including disposal of excavated			1				4	
1	stuff upto 1 5 m lift and lead upto 50m (at least			1					
	Sm away from the excavated area), including								
	dressing and leveling of pits							10	100
	In all types of soils ( Foundation )							1	
_	bath	4	1 20	1 20	1 20	6.91		2	
_	septic tank	1	2 50	1 80	1 80	8 10			1_
<u>_</u>					Total	15.01	cum	185 00	2777 22
	Providing and filling in plinth with sand/			1 1		1		V	
	Crusher dust and hard moorum under floor in							1	ď.
3	layers not exceeding 20cm in depth								
	consolidating each deposited layer by ramming								4
-	and watering, including dressing etc complete								1
1	bath	4	1 20	1 20	0 08	0.46			
	wall long	2	3.00	0 30	0.08	0.14			42.0
1	short wall	2	2.00	0.30	0 08	0 10			1,14
	septic tank	1	2 50	1.80	0 08	0 36	1	s sandis la	
					Total	1.06	21.00	274.00	202.52
-	Filling from available excavated stuff (Excluding				Total	1.00	cum	371.00	393.58
	rock) in trenches, plinth, sides of foundation	ļ	1			1			c
	etc. in layers not exceeding 20cm in depth								
4	consolidating each deposited layer by ramming	1							
1	and watering with a lead upto 50 M and lift								
	upto 1 5 M	1	15 01		0 80	12 01	cum	65.00	780 62
								7.00	
								144.44E	3
**	Providing and laying nominal mix plain cement		İ						
6	concrete with crushed stone aggregate using								
	concrete mixer in all works upto plinth level	1	1	- 1		1			
	excluding cost of form work								
	1 3 6(1 cement 3 coarse sand 6 graded stone							- + 12	
	aggregate 40mm nominal size)							A SPEN	
	bath	4	1.20	1 20	0 08	0.46		- (SEE	
	wall long	2	3 00	0.40	0 08	0.19	1	-70988	
14.000	short wall	2		0.40	0.08	0.13	1		
	septic tank	1		1 80		-	1	and the same of th	STATE OF THE STATE OF
	A CARESTON AND AND AND AND AND AND AND AND AND AN		2 30	100	0 08	0 36	01/22	2070.00	200 10
	THE REPORT OF THE PERSON OF TH				Total	1 14	cum	2970 00 3	300 10

	ITEM DESCRIPTION									
5	providing and fixing form work including	N	L	E	3 1	I/D	10:			
1	centring shuttering, strutting, staging, propping					110	Qty	Uni	t Rat	e Amount
1	bracing etc. complete and including its removal				İ			1		
E POP	bracing etc complete and including its removal		1	- 1	1		İ	1	1	1
				- 1			1	1		1
F	Four tions, footings, bases of columns plinth			$\dashv$						l
A	beam, curtain wall in any shape and size and all	1					1			
	type of wall below plinth level	1			- 1					ĺ
	bath	+					1	- 1	1	1
		16	1 20		0	20	3.84		+	
_	p.inth beam	4	1 00		0	85	3.40		+	
_		4	3 00		0	30	3.60		+	
_		4	2 00		0	30	2.40		+	
_	Columns Pillars Dioss and III						_		+	
-	Columns, Pillars, Piers and likes- rectangular or			$\dashv$	_		13.24	sqm	139 0	0 1840.36
_	square in shape	İ	1		1		1		1	. 323
	bath	8	0 20	_	-	20				1.00 M 10.00
		8	0 30	-	3 (		4 80	_		TAR
		<u> </u>	0.30		3 (	00	7 20			2.000
				+-	-					Paga State
	Suspended floors, roofs, access platform,		-		-		12.00	sqm	297 00	3564 00
	balconies (plain surfaces) and shelves (cast in	1			1	- 1				354
	situ)				1					
	plinth beam bath									
		2	3.00	0.20			1.20			
	slab	2	2.00	0.20		1	0.80			L.X
	septic tank	1	3.00	2 00		- 1	5.00			
	septic talk	1	2 50	1 80	1	- 4	1.50			
_						$\rightarrow$	12.50	sqm	235.00	2937 50
)	M							7 7	200:00	2331 30
_	Weather shade, chhajja, Cornices and mouldings			1	1			1 1		1 T
						$\neg +$				<del>                                     </del>
		1	0 30	0 75			.23	1		<del> </del>
				1		<del>-  </del> -	-23	-		<b> </b>
				1			23		204.00	00.45
<u> </u>	Beams, lintels, cantilevers & walls			1		-10	-23	sqm	294 00	66 15
	lintel beam bath	2	3.00		0.20	-	20			
		2	2 00		0.20	<del>-   -</del>	80			
	slab beam	2	3 00		0 30					
		2	2 00		0 30	_	80			
					0.50		20			
	Providing and laying nominal mix reinforced					3	00	sqm	202 00	1010 00
	cement concrete with crushed stone aggregate					- 1				
	using concrete mixer in all works upto plinth									
	level excluding cost of form work		1							
	The same cost of form work								i.	
1	1 1½ 3 (1 cement 1½ coarse sand 3 graded					$\dashv$			10-1-1	The second
	stone aggregate 20mm nominal size)						l	X g	COLUMN TO A STATE OF THE STATE	
_	col bath		4.00	1.55		-		1		46
+	co. 55(i)	4	1 00	1 00	0 20	0.8			mag-st.	
+		4	0.20	0.30	0.85	0.2	20			
+		4	0.20	0 30	3 00	0.7	72			- 784
4	lintel	2	3 00	0 20	0 20	0 2	24			THE STATE OF
1	2013 U	2	1 80	0 20	0 20	0 1				
_!	slab beam	2	3 00	0 20	0 30	0.3				AND THE PARTY OF T
	2 × 206/	2	1 80	0 20	0 30	0.2				X DESIGNATION
_	slab	1	3.60	2.30		_				
	septic tank	1			0 12	0.9				
7		<del>'</del> +	3 00	2 00	0 12	0.7	2			
						44				

F

providing and placing in position reinforcement for RCC work including straightening, cutting bending, binding etc. complete as per drawing including cost of binding wire in foundation and plants of the complete. Thermo-Mechanically treated bars FE 415 7.5 Brick work with modular fly-ash lime brick (FaLG Bricks) confirming to IS 12894-2002 colass designation 4.0 in foundation and plinth fire	g, gs ad			В	H/D	Qty	Un	it Rate	Amount
for RCC work including straightening, cutting bending, binding etc. complete as per drawing including cost of binding wire in foundation and plant of line of	g, gs ad					,	J.,,	, Kau	Anount
bending, binding etc. complete as per drawing including cost of binding wire in foundation and plant of the second	d d						ı		
Including cost of binding wire in foundation an plan of license in complete.  Thermo-Mechanically treated bars FE 415  7.5 Brick work with modular fly-ash lime brick (FaLG Bricks) confirming to IS 12894-2002 colass designation 4.0 in foundation and plinth in	nd .						- 1	1	1
Thermo-Mechanically treated bars FE 415  7.5 Brick work with modular fly ash lime brick (FaLG Bricks) confirming to IS 12894-2002 class designation 4.0 in foundation and plinth fr	<b>'</b> C						- 1	1	1
Thermo-Mechanically treated bars FE 415 7.5 Brick work with modular fly-ash lime brick (FaLG Bricks) confirming to IS 12894-2002 class designation 4.0 in foundation and plinth fr	(S		- 1		1				1
7.5 Brick work with modular fly-ash lime brick (FaLG Bricks) confirming to IS 12894-2002 class designation 4.0 in foundation and plinth fr	(S					1	- 1	1	
7.5 Brick work with modular fly-ash lime brick (FaLG Bricks) confirming to IS 12894-2002 class designation 4.0 in foundation and plinth fr	(S		21						
(FaLG Bricks) confirming to IS 12894-2002 c class designation 4.0 in foundation and plinth fr	(S	- 8	Okg/cum			351.81	kg	54.50	19173.54
class designation 4.0 in foundation and plinth fr	ا م					1			
	21		- 1		l	1	- 1	1	
	1	1	- 1				ì		1
Cement Mortar 1 6 (1 cement 6 coarse sand)				_					
	1								
bath	2	3.0	0 0	20	3.00	3.60			als
	2	18		20	3 00	2 16			A Description
	1	10		10	2 10	0 21		+	C. Christian
	1	10	_	10					
septic tank	2			-	2.10	0.21			
			_	-					35.
deduction		2.0	0.2	20	1.80	1.44	_		1.348
loor	<del></del>			_					1.00
				-	2 10	-1.01			
				20	2 10	-0 50			F. L. L.
	2	0 30	0.2	20	0.30	-0.04			
Sylva for hard well						8.23	Cum	3263.00	26861 02
lead for orick work in superstructure above									1.182
that level for every floor or part thereof in						1			
	1					8.23	Cum	121.00	996 07
2 13 Providing and laying vitrified floor tiles			_	1			1	122.00	1550.07
		1				1	1	1	
rinting with water absorption less than 0.5%	1		- 1	-		1	1	1	No.
nd conforming to IS	1					1	l	,	
5622 of approved make in all colours and	1	1	1			1			Table 1
			ı	1		į			1
			- 1			ľ		V-51-13	Live .
	İ			1		1			The second
• * * * * * * * * * * * * * * * * * * *			1						\$
	74		1			1			25.
Total Control of the			1						1
.13.1 Size 600x600mm				Π					136
ss	3	6.00	4 20	+		76.60			Meš
		2.50	2.90			16.82			11/2
al Skirting Length	2	18 00			0 15	5.40			E/Fil
	6	4.20		1				e dans	2.4
	4	3.00		$\dagger$			22.504	178	
1.	4	3.00	1	+			21129		
Opening Length	-1		1	┼─			1.000		
				-	0.10	1.05	frest the	ABUSE A	
Providing and Javing ceramic glazed floor			<del> </del>	-			sqm	1151.00	0,00
				1				, i	
				l	1			-294	
				1	1	1	- 1		
ent Mortar 1.4 (1 cement 4 coarse sand)	1						l		
ding pointing the joints with white cement	21 - 41		1 1			1	1		
d with matching pigment etc., complete						1	- 1		
							1		
1 Size 300x300mm	1	3.00	2.00			5.00			
	inth level for every floor or part thereof in didition to rate for foundation and plinth 2 13 Providing and laying vitrified floor tiles ith double charge/ multi charge finting with water absorption less than 0.5% and conforming to IS 6622 of approved make in all colours and lades and size mentioned flow (+/ 10mm), laid on 20mm thick cement fortar 1:4 (1 cement 4 arse sand) including grouting the joints with fitte cement and latching pigments, etc. complete 13.1 Size 600x600mm  SS ice  al Skirting Length  Providing and laying ceramic glazed floor conforming to IS 15622 of approved size, etc. colour, shade laid on 20 mm thick ent Mortar 1.4 (1 cement 4 coarse sand)	leduction  loor  3  Interpolation  loor  3  Interpolation  Interpo	leduction    Some image is a second in the providing and laying ceramic glazed floor conforming to IS 15622 of approved size, e. colour, shade laid on 20 mm thick ement in the providing and laying ceramic glazed floor conforming to IS 15622 of approved size, e. colour, shade laid on 20 mm thick ement in the providing and laying ceramic glazed floor conforming to IS 15622 of approved make in all colours and size mentioned else with the providing grouting the joints with latter cement and size mentioned else with the provided and the provided else with the provided else with the provided else with the provided else with the provided else with the provided else with the provided else with the providing and laying ceramic glazed floor conforming to IS 15622 of approved size, e. colour, shade laid on 20 mm thick ent Mortar 1 4 (1 cement 4 coarse sand)	leduction  loor  3 0.80 0.2  1 120 0.2  2 0.30 0.2  Extra for brick work in superstructure above linth level for every floor or part thereof in didition to rate for foundation and plinth 2 13 Providing and laying vitrified floor tiles ith double charge/ multi charge rinting with water absorption less than 0.5% and conforming to IS 6622 of approved make in all colours and lades and size mentioned ellow (+/ 10mm), laid on 20mm thick cement ortar 1.4 (1 cement 4 arsse sand) including grouting the joints with nite cement and atching pigments etc complete 13.1 Size 600x600mm  SS 3 6.00 4.20  2 290 290  290 290  All Skirting Length 2 18.00  All 3.00  All 3.00  Opening Length -1 7.00  Providing and laying ceramic glazed floor conforming to IS 15622 of approved size, e.c. colour, shade laid on 20 mm thick ent Mortar 1.4 (1 cement 4 coarse sand)	leduction  loor  3 0.80 0.20  1 1.20 0.20  2 0.30 0.20  Extra for brick work in superstructure above limit level for every floor or part thereof in didition to rate for foundation and plinth 2 13 Providing and laying vitrified floor tiles ith double charge/ multi charge rinting with water absorption less than 0.5% and conforming to IS 6622 of approved make in all colours and rades and size mentioned ellow (+/ 10mm), laid on 20mm thick cement ortar 1.4 (1 cement 4 arsse sand) including grouting the joints with nite cement and atching pigments, etc complete 13.1 Size 600x600mm  3 6.00 4.20  2 290 290  2 18 00  4 3.00  Opening Length -1 7 00  Providing and laying ceramic glazed floor conforming to IS 15622 of approved size, etcolour, shade laid on 20 mm thick ent Mortar 1.4 (1 cement 4 coarse sand)		Sederation   2   2   2   2   0   0   20   1   80   1   1   1   1   1   1   1   1   1	Sederation   2   200   0.20   1.80   1.44	Seduction   2   2   2   0   0   20   1   80   1   1   1   1   1   1   1   1   1

	ITEM DESCRIPTION	N	L	-					
8	12 7 Providing and fixing ceramic glazed wall	<u> </u>	<del></del>	В	H/D	Qty	Unit	Rato	Amount
1	tiles conforming to IS 15622 of approved	l							
	make, colours, shades and size on wall and								1
Ti.	de as over 12 mm thick bed of cement Mortar			1				}	1
	123 (1 sement 3 coarse sand) and jointing with							1	
V	Igrey coment sturry @ 3 3kg per sam including							1	1
1	pointing in white cement mixed with matching		1	1				1	
1	pigment complete		1					1	
_			ł	1				1	
_	12 7 1 Size upto 200x300mm	2	3.00		2 10	12.60			
		2	2.00	1	2 10	8.40			-
		2	1 00	1	2 10	4 20		<del> </del> _	-
_	d-dusting	1	1 00		2 10	2.10			-
	deduction	3	0.80	1	2 10	-5 04			
_		1	1.20		2 10	2 52		<del>                                     </del>	<del> </del>
_	Decides and Education					19.74	sqm	587 00	11587 38
	Providing and fixing steel door/ window with								7,1007.00
	M S sheet 1mm thick, frame of angle iron,		1						
3	diagonal braces of angle/ flat Iron of suitable		1					1	
	size, 3 00 mm M S gusset plates at junctions								
	and corners, all necessary fittings complete				1			1	464
	including applying a priming coat of red oxide						l		The state of the s
	Door		1 00	2 10	30kg/sqm	0 00			77.5
	Window	0	1.50	1.20					5, 3,1
_	ventilation	2	0.60	0.50	30kg/sqm	15.00			1 - 1 Hall
	ramp handle		1 00	1 00		0.00			
	bath	1	1 00	2 10	30kg/sqm	63 00			
_					total	78.00	kg	75.00	5850.00
5	Providing and making 12mm thick cement								
	plaster of mix. In Cement Mortar 1 5 (1 cement - 5 fine sand)			ļ					
	bath	2	1 000	-	0.70				
	Datti	2	2.00		0.70	4 20			
_		1	0.80		0.70	2.80			
	septic tank	2	3.80		0 70	0.56 13.68	-		
	septic talk	2	2 00	1	1.80	7 20			1
			1 200			28.44	fom	OC FO	2744.40
-	11.3 Providing and making 15mm thick cement				TOTAL	20.44	sqm	96.50	2744 46
	plaster on the rough side of single or half brick						17.7		
	wall of mix								
7	In Cement Mortar 1.5 (1 cement - 5 fine sand)					_	+		EGO.
-+	oath	2	3.00		3 00	18.00	-		FORM
+		2	2.00		3.00	12 00	+		Parties -
+	deduction	1	1.20		2 10	2 52	+		Ulai-
-	eptic tank	2	3.80		0 30	2.28	+	10	1000
15	eptic talik	2	2.00		0.30		1		100
+			2.00			1.20	+		
+					Total	30.96	Sqm	113.00	3498.48
	roviding and applying 2mm thick ready						10.20		
	hix 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								1
	nake the surface smooth and even						1		8
1				,				190	1
in	nner plaster class	1	28.44			28.44		100	the state of the s
Ö	uter plaster	1	30.96			30 96	1	14	gos/Tale
+	67 Marie 1	-	50.50				1	04.50	5613 30
+	Poll solution and				total	59.40	sqm	94.50	2012 20
	Vall painting with acrylic luxury emulsion plastic) paint of required shade to give an even	l					1 1		
11	presency plante or required shade to give an even [	-	i	- 1			1 1	- 1	

ITEM DESCRIPTION	N	L	0	1115	7			
On new work (two or more coats)	- '		B -	H/D	Qty	Unit	Rato	Amount
towning exterior surface with ACRYLIC					28.44	\$qm	52.50	1493 1
6400TH exterior paint of required shade as								
manufacturer's specifications to give								
crotective and decorative finish including			l i					
cleaning washing of surface etc. complete with								
		3	1					
On new work (Two or more coats applied @)					+	-		
1.43 ltr 10 sqm over and including priming	1	30.96	1 1		30.96		55.00	4700 70
coat of exterior primer applied @ 2 20 kg/ 10	•	30,30	1 1		30.90	Sqm	56.00	1733 76
14.22 Painting on new work (two or more coats)					-			ļ
to give an even shade with			1					
Satin synthetic enamel paint	4.	0.30		0.30	0.36		0.00	
			1		0.36	Sgm	55.00	19 80
14.41 Lettering with black Japan paint, per cm		<b></b>	╁		-	per		19 00
baight	500			2.50	1250.00	letter	0.70	875.00
1.26 Carriage by mechanical transport upto 5 km lead							+11	Marin Marin Marin
1 26 1 Earth					4.50	Cum	111.00	499 90
To I Frovious and Tixing water closer squarting		<del>                                     </del>	1 1		1			
pan (Indian type W.C. pan.). 100mm sand cast Iron P or S trap, 10 litre low		1				,	- 15	and the second
level P V C flushing			1 1					4
cistern (same colour) conforming to IS 7231,							- 3	
with flush bend and			1 1			}		7
other fittings and fixtures complete including								No.
cutting and making good	1						1	
the walls and floors wherever required	1	1						18
		į.				1		9
18 I I White Long pattern W C pan of size 580		<b>-</b>	1		1.00			
mei		<del></del>	11		1.00	each	2459.00	2459.00
	<del> </del>		+		1.00	Cacii	2433.00	2433.00
18 13 Providing and fixing white vitreous china			1 1					
urinal basin with waste fitting as per IS 2556,								
and other couplings in C.P. brass complete	1					1		
18 13 1 Flat back half stall urinal of size							September 1	
460x380x250mm					·		weight man	
					2.00	each	1776.00	3552 00
18.2 Providing and fixing vitreous china water								
closet squatting pan (Indian type) including	1						1.39	
- cutting and making good the walls and floors								
wherever required								8 (fill 5 m
18.2 I White Long pattern W C pan of size 580					2,00	l		
mni			+		2.00	each	999,00	1998.00
8 151 Providing and fixing factory made PVC door	<del> </del>	<del></del>	1				All The second	
frame of size 50x47mm with a wall thickness of 5mm	1		1			1		1
made out of extruded 5mm rigid PVC foam	1	ł	1					()  -
sheet mitred at corners and joined with 2 Nos of 150mm long brackets, of 15x15mm M.S. square tube.		i e						
the vertical door profiles to be reinforced with	1	1				1		
19x19mm M.S. square tube of 19 gauge. EPDM rubber gasket weather seaf to be provided through	1					1		
out the frame. The door frame to be fixed to	1	4				1		
the wall using M.S. scrows of 65/100mm size		}		1				
complete as per manufacturers specification and direction of Engineer-In-Charge.							7.73	
		1				1		
gents toilet	1	1.20	2 10	1	2 52	1		- C. 144
	1.	1			1			

500	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rato	Amount
-1	Desiring and fixing 30 that it					5.88	metre	346.00	2034.48
1	3 152 Providing and fixing 30mm thick factory made and and PVC door shutter consisting of frame made out								
3	MS lubes of 19 gauge thickness and size of								
1	en, x 19mm for styles and 15x15mm for ton &								ł
	citicm rails MS frame shall have a coal of steel crimers of approved make and manufacture MS								}
10	rame covered with 5mm thick heat moulded PVC 'C'						i		l
lo	hannel of size 30mm thickness 70mm width out of						1		
V	which 50mm shall be flat and 20mm shall be tapered in 45degree angle on either side forming styles, and		1					l	
15	imm thick 95mm wide PVC sheet out of which								ì
17	5mm shall be flat and 20mm shall be tapered in 45								
19	degree on the inner side to form top and bottom reit							i	
9	gents toilet	1	0 90	2.00		1.80			
1	adies toilet	2	0 90	2 00		3 60	1		, i
7				+-1		5.40	sqm	2832.00	15292.80
$\dashv$			-	-		-	34	2052:00	15272:00
$\dashv$	18 17 Providing and fixing vitreous china wash basin					-			1000
- 1	with C1 brackets 32 mm CP brass waste of					1	1		
	standard pattern including painting of brackets, cutting and making good the walls wherever required					1	-		
	coming and making good the waits wherever required								
	18 17 2 White Size 550x400 mm					3 00			Neg ye i NJ Es
						3 00	each	1408.00	4224.00
_	18 76 Providing and fixing on wall face or under floor		<del></del>	1					
	UV stabilized Unplasticised Rigid PVC pipes (single	1	ļ						
	socketed) having 3.2mm wall thickness conforming to IS 13592 (4kg/sqcm) including required couplers,		1						
	jointing with seal ring conforming to IS 5382 leaving		1						
	10 mm gap for thermal expansion etc complete								10 mg/m
-		1	20.5			20.50		5	Chile sections
						20.50	metre	267.00	5473.50
_	18.77 Providing and fixing on wall face UV stabilized			1					11 - E 15 A
	Unplasticised PVC moulded fittings/ accessories								
	having 3 2mm wall thickness for Rigid PVC pipes conforming to IS 13592 (heavy) jointing with seal							0.00	
	nng conforming to IS 5382 leaving 10 mm gap for								
-	thermal expansion								
	18.77 1 Tee/ Tee with door/ Bend 45*/ Bend 90*					1 00	<u> </u>	ud, N	33)
	110 mm	-				1 00	each	154.00	154.00
_	[apra	<b></b>		-		1 00	1		25.
	18 77 3 Vent covel					1 00	each	44.00	44.00
_	18 77.4 Access door cap			+-+		1			1000
	110 mm			$\dashv$		1 00	each	59.00	59.00
-	18 77 6 Nahani trap 110x75mm			1		<b>-</b>	-	STANGE TO ST	
	1077 O Name and Property of the Control of the Cont					2 00	each	90.00	180.00
	18.77 5 °P° trap 110mmx110mm long						(8	145 (M) No.	AGO/CO
	18.77 5 P Wap Floridize Floridize			_		1 00	cach	227.00	227.00
	Life and the second of the sec					+	Cacii	227.00	100, 000, 000
	18 76 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single								
	socketed) having 3.2mm wall thickness conforming to			1 1				1 1	
	IS 13592 (4kg/sqcm) including required couplers, joining with seal ring conforming to IS 5382 leaving		1						11
	10 mm gap for thermal expansion etc complete								
									9
	18 76 2 110 mm dia prpe	1	2.50	11.50		5 00	1		2

ITEM DESCRIPTION	N	L	В	H/D	To			
		<del>                                     </del>	1-	- niu	Qty 8.50	Unit		Amount
Of Providing lowering laying aligning fixing in a stand jointing at all levely depths ISI marked on the pipes of PE-100 grade and PN 6 for sewer per on as per IS 14333-1996 (amended upto 120) in trenches in complete including all material, about testing and commissioning as per direction of ingineer					0.50	metre	267.00	2269_50
1 100 mm din		2.80	1 80	<u> </u>	5 60			<u> </u>
		<del></del>			5.60	metre	366.00	2049.60
20 15 Providing and fixing in position precast R.C C manhole cover and frame L D- 2 5 of required shape and approved quality								
20 15 1 Rectangular shape 600x450mm internal dimensions								
19.5 Providing and fixing Chlorinated Polyvinyl					1.00	each	1031.00	1031_00
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 culting 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.								
19 5.1 15 mm nominal outer dia Pipes		4		2.50	10.00			
					10.00	metre	133.00	1330.00
19 5 2 20 mm nominal outer dia Pipes								
		4	-	2 10	8.40			,314 I R - 2
	<b> </b>				8.40	metre	167.00	1402.80
19 5 3 25 mm nominal outer dia Pipes.								
		3	1.5		4.50			1,==
		3	2.5		7.50	1	1544	E F
					12.00	metre	213.00	2556.00
19 13 Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:	*							
19.13.2 Bib cock (350 grams)								-
	<b> </b>		_		2 00		ļ	
					2 00	-		121.00
100 mm	<del> </del>		_	_	200	each	237.00	474.00
19 13 3 Stop cock (350 grams)		_	_		3.00	_	5.500.100	1: 1:
		_			3.00			
						each	237.00	711.00
19 15 Providing and fixing stainless steel drain juli of approved make/quality					2.00			
					2 00	each	51 00	102.00
18 25 Providing and fixing flexible PVC waste pipe for sink or wash basin including PVC waste fittings complete								
32 mm dia							-	
tadies								
			1		1 00	each	68.50	68.50

ITEM DESCRIPTION	N	T L	В	1110				
18 10 Providing and fixing 15 mm nominal bore uplasticised PVC connection pipe with PTMT nuts apr PVC bush of approved quality and colour	N		В	H/D	Qty	Unit	Rato	Amount
18 2.45 CM length								
gents								
gents					3.00			
					3 00	each	66.50	199.50
19.42 Providing and placing on terrace polythene water storage tank and the base support for tank		1000 00			1000 00	litre	7 30	7300.00
WIRING IN CONCEALED PVC conduit		<del></del>			<del> </del>	<del> </del>		
Winng for light plug point with 3x2 5 sq mm FRLS PVC insulated stranded copper conductor wire for phase neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G I box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS 694 (2010). IS 9537 (2000 Part 5)								
Short Point				1 00	Point	Point	442.00	442 00
Medium Point				1 00	Point	Point	659 00	659.00
Winng for circuit sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty thickness of pipe should be 2 mm) as per specification and IS 694 (2010) IS 9537 (2000 Part 5)								7
3 X 1 5 sq. mm in 20mm conduit				3 00	Metre	Metre	92.00	276.00
3 X 2.5 sq mm in 20mm conduit				2.00	Metre	Metre	111 00	222-00
SWITCHES & ACCESSORIES						<u> </u>		
Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification  Ceiling rose 3 pin 5 amps				2 00		Each	32.00	64.00
Batten/ angle holder				2.00	+	Each	38.00	76.00
Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as per specification and P F should be greater than 0.9 LED chip efficacy ratio ≥ 100 lumens /watt								
12 Walt				2.00		Each	215 00	430 00
Supplying. Installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling including connection, earthing etc complete as per specification and IP20. P F should be greater than 0.9 LED chip efficacy ratio ≥ 100 lumens //watt.	* =							
18/20 wait {4 feet}			1	1.00		Each	443 00	443 00
Supplying and fixing DP MCB, 240 volts, 'C' curve suitable for lighting and other loads in the existing MCB DB complete with connections testing and commissioning etc as per specification								1446 1433
6 amps to 32 amps EARTHING	Patricks.	At Co	l	1		1	1	

ITEM DESCRIPTION	N	L	0	H/D	Qty	Unit	Rate	Amount
providing and fixing 6 SWO dia G.I wire on surface or in recess for loop earthing along with ealsting surface/ concealed conduit/ submain eng/ cable as per specification					TOTAL STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,	Georgean et attacher et annoce et an		a de equipo alcativo <b>equada que</b> tindo a demoto estre
to be as per specification			-	22 00		mir	19 00	418 00
Supplying installation testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc complete as required		ngganganilana ari-amin'a ili indi						о этипатион бото институтории объедина, податителя и податителя и пода
300 mm sweep				1 00		each	2446 00	2446 00
		P	art A-	As per SOF	R Total Er	ilmate Ar	nount Rs.	180981.48
					Gross E	stimate A	mount Rs	

Sub Engineer
Municipal Corporation
Korba (C.G.)

Asyl Inglacer Municipal Corporation Korba (C.G.)

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

Sub :- Internal Electrification Work in Govt. Primary School Barbaspur At Ward No.-10.

As per Sor - Schedule of Rates Public Works Department [ PWD Electrical 01-06-2020]

214	Ref no	As per Sor - Schedule of Rates Public Works Department	ent [ PWD	Electrical	01-06-20	201
0	Ker no	L IIEM Of Work	Unit	Rate	Qty	Amount
1	1 10	WIRING IN CONCEALED PVC conduit		1	41,	Amount
·		Thinks for home boing with a or		-		
				1		
				1		
				l i		
				1		
		specification and IS 694 (2010) IS 9537 (2000 Part 5)				
	1 10 1	Short Point				5 1 2 1 2
	1 10 2	Medium Point	Point	442 00	16	7072
	1 10 3	Long Point	Point	659 00	8	
	1 13		Point	922.00	6	
-		Wiring for circuit/ sub main wiring along with earth wire with				10002
		The removement sizes of FRIC DVC (section)				15
		leaving office iii Coucealed FDI 6 DVC				40.00
		Tacky the tries of pipe should be 7 mm) as not specification I				
	1 13 1	1010 10 004 (2010), 15 9537 (2010) Dad 51				
	1 13.2	3 X 1 5 sq mm in 20mm conduit	Metre	92 00	25	2300
	5	3 X 2 5 sq mm in 20mm conduit SWITCHES & ACCESSORIES	Metre	111 00	25	
3	5 1	Supplying and fives follows				
	٠,	Supplying and fixing following piano type switch socket,				
		other accessories on the existing switch box/ cover including connections etc as per specification				12-12-2
-	5 1 13	Ceiling rose 3 pin 5 amps				A CONTRACT
	5 1 15	Batten/ angle holder	Each	32.00	14	448
Δ	5.4	Supplying and fixing following and the six	Each	38.00	10	
'	0.4	Supplying and fixing following modular switch, socket, other				7 7 7 5 7
		accessories on the existing modular plate & switch box		1 1		
, B		including connections but excluding modular plate etc. as per				
5	5.48	specification	-			
٦	5.40	Fan regulator (one module size) electronic stepped type moving all rounds	Each	186.00	- 8	1488
	6	FANS, LUMINARIES AND LAMPS			Ĭ	. 100
6	6.1	Supplying installation testing and commissioning of				70.75
	0, 1	following sizes ceiling fan including wiring the down rods of				1260
		Islandard langth up to 30 cm with 1.5 cm are 5010 mg				
- 1		standard length up to 30 cm with 1 5 sq mm FRLS PVC				
- 1		insulated, copper conductor single core cable, earthing etc.		1		
- 1		complete as required PF should be greater than 0.9 with				
	2 4 2	BEE Star rating from 3 star and above, IS 374 2019				
	613	1200 mm sweep	Each	1697 00	10	16970
116	5 17	Supplying fixing testing and commissioning of following			To the second	10970
- 1		LED lamps with inbuilt electronic driver heat sink and all				le y
		other accessories in existing holder/ luminaries as per		1		4,69
		specification and P.F. should be greater than 0.9. LED chip				
E		efficacy ratio > 100 lumens /watt //				the table of the same
			Each	215.00	12	2580
	- , 5	Supplying, Installation testing and commissioning of				4年1月1日日1日1日
- 1		following LED tube light fitting including batten with				
		Electronic Driver Heat sink Capacitor complete with all other				
- 1		accessories on surface/ in false ceiling, including connection.		1		
		earning eld complete as per specification and IP20 PF				1
- 1		should be greater than 0.9 LED chip efficacy ratio ≥ 100		1		
- 1		lumens /watt				1

9.		Litem of Mork	Unit	Dat		r
9	6 19 3	18/20 watt (4 feet)		Rate	Qty	Amount
9	6.28	Supplying installation testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing Separate housing for driver etc complete as per specification and PF should be greater than 0.9 LED chip efficacy ratio ≥ 120 lumens /walt.	1	443 00	14	620
	6 28 7	60 watt				
	94		Each	3622.00	4	14488
10	941	Supplying and fixing on surface/ recess horizontal type following way 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with linned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc as per specification (But without MCB/RCCB/Isolator)				14486
	9 12	4 way Single door	Each	1317 00	1	474
11	9 12 2	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections testing and commissioning etc. as per specification.	Lacii	1317 00		1317
		6 amps to 32 amps	Each	411 00	1	5754
	12	EARTHING		-	14	
12	12.2	Earthing with G I earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and IS Code 3043, 1987(R 2016)  Providing and fixing 6 SWG dia G.I wire on surface or in	Set	3734 00	1	3734
13	15 11	recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as per specification  Supplying and hanging following sizes one number FRLS	Metre	19 00	42	798
		aluminium conductor power cable of 1.1 KV grade on GI bearer wire (binded at every metre) including cost of bearer wire complete as per specification, IS 1554 (1988, Part 1) /			7	
-	15 11 3	2 x 10 sq mm on 8 SWG GI bearer wire	Metre	103 00	39	Life of
		Supplying, installation testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etcomplete as required 300 mm sweep		100 00	39	4017
$\top$					under E	(E. 12)
1			each	2446.00	2.00	4892
+		136 (5)		<del> </del>		784 (
		As per SOR Total Estimate Amo	unt De			86019.00

Sub Engineer
Municipal Corporation
Korba (C.G.)

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