कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 231/2025

सिस्टम टेंडर नं.177876

कोरवा दिनांक 16.10.2025

पंचम ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरवा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत टेकेदारों 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-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

फिजिकल सबिमशन लिफाफा प्राप्त होने की अंतिम तिथि निविदा खलने की अंतिम निश्

06.11.2025 सायंकाल से 3.00 वजे तक

		3.1. 11 01011 1019		<b>–</b> 06.1	1.2025 सार	काल 4.00 वर्ज स		
	क.	कार्य का नाम	प्राक्कलन	धरोहर राशि	कार्यावधि	निविदा	ठेकेदार	निविदा
3			राशि	(FDR/TDR)		प्रतिभागी शुल्क	का वर्ग	खुलने की
	-		(लाख में)		,	(डिमांड ड्रॉफ्ट)		तिथि
٠	1 1	वार्ड क. 10 अंतर्गत रिथत शा.प्रा. शाला	16.95	12750/-	04 माह	750/-	वर्ग डी	06.11.2025
-		बरबसपुर में नवीन भवन का निर्माण कार्य					एवं प्रवर	से
L		(जि.ख.न्या. मद)					श्रेणी	

शर्ते:-

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 विरूद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी। 2.

3. इच्छुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र,पेन नम्बर, वैध जी.एस. टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का रकेन 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— ४९५६७७ कोरबा के पते पर भेजना होगा। निर्धारित तिथि को साय 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 मुलप्रति 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 को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफारमेंस गारंटी राशि वापसी हेतु समयाविध की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयाविध 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

कोड 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 वाल टेकेदारों 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 कटोती की जावेगी।

ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। 7

प्रयक्त 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 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 समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
- निविदा अहरतांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा। 10.

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

निविदा के संबंध में किसी प्रकार की विवाद होने की रिथित 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 सरक्षित 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 16. छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयने प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भृगतान किया जाना संभव नहीं होगा।

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

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

> केर्यिपालन अभियंता नगर पालिक निगम **़**कोरबा (छ.ग.)

प्रतिलिपि-

5.

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

### Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Star	t	Expi	ry	Remarks
			Date	Time	Date	Time	
	Release Tender		16.10.2025	15.30	16.10.2025	15.30	Release Tender
		Bid Submission	16.10.2025	15.30	04.11.2025	17.30	
		Physical Document Submmission	16.10.2025	15.30	06.11.2025	15.00	
	Tender Open		06.11.2025	16.00	· ·		

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

#### DETAILED ESTIMATE

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

Sno.	Schedule of Rates Public Works ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rato	Amount
Ä	18.42 Demolishing R C C work including stacking of steel bars and disposal of unserviceable material within 50 metro lead								
		12	0.20	0.40	4.20	4.03			
-		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			8 F 8 F
		40	19.50	0.60	0.10	1,17			100
					Total	32.57	Cum	768.00	25015.30
2	16.45 Extra for scrapping cleaning and straitening reinforcement obtained on demolishing of R C C or R B work	1	2502.02			3582.92	kg	2.10	7524.13
	16.3 Demolishing brick masonry including		3582.92			3302,32	ng:	1 2	Attion to the same
3	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	ruev "í		12.0
		-1	55.1	0.2	0.8	8.816			1
					Total	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
	16.27 Dismantling windows chowkhats with shutters (steel or wood) including wrchitrave, hold fast etc. complete and tacking within 50 metres lead	6	19 5 222 19 9 -2 1		Yamanin	6	Each	66.50	399.00
si ai bo in wi	6.31 Dismantling steel work in built-up ection in angles, channels, flats isection and T-section including all gusset plates, plts, nuts, cutting rivets, welding etc., cluding dismembering and stacking thin 50 metres lead.	i	2	2.4	30	144	kg	1.00	144.00
lin wh thi	38 Taking out stone/ concrete/wooden tels from building masonry of doors indows or any other opening for ckness upto 15 cm.	Å	20			80	Metre	73.00	5840.00
up	6 Carriage by mechanical transport to 5 km lead:								* 20 000
1.2 (M	6.3 Dismantled Building debris ulba)	1	134.03			134.03	cum	91.50	12263.56

Sub Engineer
Municipal Corporation
Korba (C.G.)

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

### DETAILED ESTIMATE

Name of Work. Construction of New School Building For Govt. Primary School Barbanpur At Ward No.-10.

	Sol - Schadula of Patra Public Mark D	Juliding	For G	ovt.	Prim	ary 8ch	ool Barbi	anpur /	N Ward	No1	0.
	Sor - Schedule of Rates Public Works De	partmon	ILBMC	BU	ILDIN	01.0	1-2015]	THE REAL PROPERTY AND ADDRESS OF THE PERSONS OF THE	Mindelining College Annik Strategram Laboratory	CARL Agricum arts	in the first statement is the later.
1	Surface dressing of the ground including removing			L	D	11/0	aly	U	nit   B	alo	Amount
1	vegetation and making up undulations and in-	1					and the same of the same of	Name of the Association of the Control	Parindrating of Marineses	ordinal destructions	Were the second
13	equalities not exceeding 15 cms in doubt but als								- 1		
	functioning disposal of rubbish mater 1 6 m 100 mm								1		
	lead upto 50m (at least 5m away from the dressed	1		7		j			- 1		
-	with the dressed		1 1 40 70	12 2					1		
1			1 22	.00	12.00		264.0	()	-	and the same says.	WHO THE SERVICE
-	Everyation for all as	Total Was				Total	264.00		-	7.70	1000.00
	Excavation for all types and sizes of foundations,						2011.01	2 301	-	7.20	1900,80
1	trenches and drains or for any other purpose		.3		•		2				
2	including disposal of excavated stuff upto 1.5 m lift						- 4				
-  -	and lead upto 50m (at least 5m away from the		i						- 1	- 1	
	excavated area), including dressing and leveling of		-								
1	In all types of soils.( Foundation )									- 1	
T	Excavation below wall long	18	1.5		1:50	1.50	60.75				
	short	2	18.0		0.50	1.50	27.00		-	-	
E		2	8.0		0.50	1.50	12 00		1. 1 see		
		2	4.2		0.50	1.50	6.30				
L	Dead Foundation	-18	3.0		0.50	1.50	4.50	11			
L	Step	1	3.00		0.30	1.50	·12 15				
L	Platform		1.10		0.90	0.10	0.27	_			
H	ramp	1	4.00	_	30	0.10	0.03				741
-	The state of the s			+	30	Total	0.12 98.82	-	-		
	Providing and filling in plinth with sand/ Crusher					Total	30.02	cun	185 (	10 118	3282.20
3	dust and hard moorum under floor in layers not		:		- 4			3	1	-	
١	exceeding 20cm in depth consolidating each				7					7	
	deposited layer by ramming and watering, including dressing etc. complete.			1	1					- 1	
	- Complete.									-	
H		18	1.50	1	50	0 15	6.08			$\top$	
$\vdash$	Excavation below wall	1	69.10	0.	50	0.15	5.18			+	
H	Excavation below wall long	2	18.00	0,	50	0.15	2 70		2	1	
L	short	2	8.00	0	50	0.15	1,20	-			
		2	4.20	_	50	0.15		-		-	
		2	3.00		50	A	0.63	┥——		. 1	
	Step	-1		_	_	0 15	0.45	<u> </u>			
	Platform		3.00	0.9	_	0.15	0.41				
	ramp	1.	1 10	0.	_	0.15	0.05	-9			
	Class	1	4.00	0.3	30	0.15	0.18				
17.85		3	6.00	4.5	50	0.15	12.15				
Tel.	Office	2	2.90	2.8	00	0.15	2.52			1	
No.	Verandah	1	12.00	3.0	00	0.15	5.40			+	
The sale				-	1	Total	36 95	CUE	274.00	107	20.00
	Elli-		7 7		_	, olai	30 33	cum	371.00	137	06.60
	Filling from available excavated stuff (Excluding	ų.			1		· ·				- 1
d was	rock) in trenches, plinth, sides of foundation etc. in									1	
1	layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering							11		1	4
174	with a lead upto 50,M and lift upto 1.5 M									1	
	and intrupto 1.5 M.		98.82			0.80	79.06	cum	65 00	5138	80
May	13. 4						T Lacro				

in in	roylding filling and compacting local earth (from pproved source pit) in layer not exceeding 20cm					Qty	Unit	Rate	Amount
in		11					-		
-let	depth consultations and demandant large by								
- Marie	depth consolidating each deposited layer by								
C	amming and watering, including dressing etc				-M			1	
100	dete dete								
41									
	S. Carlotte								
İ									
c	lass	2	6.00	4.50	0.70	37.80			
0	Office	. 1	2.90	2.90	0.70	5.89			
V	rerandah	1	9.10	1.80	0.70	11.47			
-					Total	55 15	Cum	242.00	13347.03
P	Providing and laying nominal mix plain cement						- I		120303
	oncrete with crushed stone aggregate using		ij						
	concrete mixer in all works upto plinth level				1				1
	excluding cost of form work.		1						
	1 3 6(1 cement 3 coarse sand 6 graded stone								
	aggregate 40mm nominal size)								
7		17	1.50	1.50	0.15	5,74			
+	Excavation below wall								
-		1	69.10	0.30	0.15	3.11			
_	Step	1	3.00	0.90		0.41	_		
4	Platform	1	1 10	0.30	0 15	0.05			
_1	ramp	1,	4.00	0.30	0.15	0.18		e g v	
	Class	2	6.00	4.50		8.10			
	Office	1	2 90	2.90		1.26			
-	Verandah						, A	55.7	1 1
$\dashv$	Veralidati	1	12.00	2 90		5.22 24.06	G L L CO	2070.00	71467 11
$\dashv$			0 ALV 80		10(a)	24.00	cum	2570.00	7.1907.11
	Providing and fixing form work including centring,								
	shuttering, strutting, staging, propping bracing etc.					i			
	complete and including its removal at all levels, for								
	Foundations, footings, bases of columns plinth								1
١.	beam, curtain wall in any shape and size and all			,			,	,	
	type of wall below plinth level					a - 60 (50)			
	Foundations	56	1.40		0.30	23,52	į.	e.,	
		56	0.80			8.96			_
	column upto plinth level	28	0.20		1.20	6.72			
	· ·	28	0.30		1.20	10,08			
		8	1.40			3.36			
_		8	0.80		0.20	1.28	9		
_		8	0.20		1.20	1.92			
$\dashv$		8	0.30		<b> </b>	2.88			
_	plinth beam	2	18.00		0 30	10.80			
		2	8.00		0 30	4.80			
PI'-		2	4.20		0.30	2.52		<u>.                                    </u>	,
NEW Y		2	3,00		0.30	1.80		100.00	10000.00
	Columns, Pillars, Piers and likes- rectangular or	ļ	<del> </del>			78.64	sqm	139 00	10930.96
D	square in shape								
NAME OF THE PERSON NAME OF THE P	France in Mulpe	28	0.20	-	4.20	23.52			
		28	0.20		4.20	35 28			-
	Sign 6	8	0.20	<b>-</b>	4.20	6.72			
		8	0.40		4.20	13.44			
	37	<del>                                     </del>		<del>                                     </del>	1	78.96	sqm	297.00	23451 12

Sno	ITEM DESCRIPTION	N	IL	В	H/D	Qty	1		-γ
	500	1	18.00	8 00	15	144.00	Uni	t Rato	Amoun
1	(M)	·	1.0,50	1		144.00	-		
			1	<del>                                     </del>		144.00	-		
Weath	er shade, chhajja, Cornices and mouldings		-	<del> </del>		144,00	Bqr	n 235.00	33840.0
444	and the distinct of the thousands	8	1 50	0.75		0.00			
				0.75		9.00			
and the latest		1	7 70	0.75		5.78			
			A <sup>N</sup>			14.78	pa	n 294.0	0 4343.85
	, lintels, cantllevers & walls								
lintel b	eam	2	18.00		0.25	9.00			
		2	8.00		0.25	4.00			
		2	4.20		0.25	2 10			
		2	3.00		0.25	1 50			
slab be	eam	2	8.00		0.30	4.80	1		
1		2	4.20		0 30	2 52			
		2	3.00		0.30	1.80		000.00	5405.44
				9 1		25.72	пра	202.00	5195.44
	ing and laying nominal mix reinforced							1.	
	t concrete with crushed stone aggregate	1				É :			
using o	concrete mixer in all works upto plinth level						1		
exclud	ing cost of form work.		1				1		
1 1% 3	(1 cement 1½ coarse sand 3 graded stone			:					
	gate 20mm nominal size)							1 8	5 5
		18	1 40	1.40	0.30	10.58	1 12		
Footin	lg .						$\vdash$		1
		18	0.80	0.80	0.25	2,88	7 . 1	A	. 125,2
Colum	in upto plinth Beam	14	0.20	0.30	1.20	1.01			
		4	0.20	0.40	1 20	0.38			
			18,00	0.20	0.30	2.16			· .
plinth	beam	2				0.96			
		2	8.00	0.20	0.30			<u> </u>	-
		2	4.20	0.20	0.30	0.50			
· S		2	3.00	0.20	0.30	0.36			-
-	an translaval	14	0.20	0.30	2.10	1 76			
COLU	MN upto lintel level	4	0.20	0.40	2 10	0.67			
				0.20	0.20	1.44	1	e 1	
lintel	beam	2	18.00			0.64			
		2	8.00	0.20	0.20				
		2	4.20	0.20	0.20	0.34			
		2	3.00	0.20	0.20	0.24			
		14	0 20	0 30	1.20	1.01			,
COLUI	MN upto Slab	4	0.20	0.40	1.20	0.38			
	1	1	18.60	8.60	0 12	19.20		i .	
slab		2	18.00	0.20	0.30	2.16	247	11.	
s- bear	m		8.00	0.20	0.50	1.60			
1		2			0.50	0.84			
		2	4.20	0.20					
		2	3.00	0.20	0.30	0.36	-	-	
		8	1.50	0 75	0.10	0.90			
Chhajj	0	1	7 70	0.75	0.10	0.58			
		1	1 10	0.60	0.20	0.13			
1			18.00	4.20	0.08	6.05			
25 - S		1			0.08	1.44		4	
et al-		2	3.00	3.00	0.08	3.29			
MI Intal		1	14.20	2.90	0.00	61.87	cum	4163.00	257569 39
950						01.07			
Provid	ing and placing in position reinforcement for	,		-					
POCC	work including straightening, cutting,	- 1	-						
bendi	og hinding etc. complete as per drawings								
Includ	ing cost of binding wire in foundation and				100	7-1 2-			
The Court of	all complete		1			11			

ma.	ITEM DESCRIPTION	N	L	B	HID	Qty	Tu	nit T	Rato A	mount
	Thermo-Mechanically treated bars FE 415		80kg/c	um		4949.0	59	0		39758.00
	7,5 Brick work with modular fly-ash lime bricks									
	(FaLG Bricks) confirming to 18.12894-2002 of					>				
	class designation 4.0 in foundation and plinth in									1
da e	Cement Mortar 1 6 (1 cement 6 coarse sand)									
æ2	Brick work Below Plinth Level	2	18.00	0.40	0.00	12.96				
		2	8.00	040	0 00	5.76				
Ė	THE THE PARTY A	2	4.20	0.40	0.00	3.02				
	, Add ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	2	3.00	0.40	0.00	2.16				
	B/w upto Lintel level	2	18.00	0.20	2.10	15.17	1			
		2	8.00	0.20	2.10	6.72				
		2	4:20	0.20	2.10	3.53				
		2	3.00	0.20	2.10	2.52				
	B/w upto Lintel Slab	2	18.00	0.20	1.20	8.64				
		2	8.00	0.20	1.20	3.84				
		2	4.20	0.20	1.20	2.02				
		2	3,00	0.20	1.20	1,44	_			
	Step	1	3.00	0.00	0.20	0.54				-,
_		1	3.00	0.60	0.20	0.36	-			<del> </del>
			_	-		0.36			11"	
	Platform		3.00	0.30	0.20				*101 ** . 1,00	-
_	ramp	1	1 10	0.20	0.60	0.13				· ·
-	( )	<u> </u>	4.00	0.20	0.90	0.72				
	Extra for brick work in superstructure above plinth	A		inger på til st		69.6	6	Cum	3263.00	227300.58
1	level for every floor or part thereof in addition to			;	Ť		1			
•	rate for foundation and plinth.	: 3.	- E							
			an green e na			45.6	1	Cum	121.00	5518.33
	12 49									
	25 mm thick KOTA stone slab flooring over 20mm					Ē	1			
	(Average) thick base				,					
	of cement mortar 1:4 laid over and jointed with				17"		1			:
12	grey cement slurry									
2	mixed with pigment to match the shade of the slab	1			,		- 1			1
	including grinding	2	11		i.	1	1			1
	rubbing and polishing etc. complete (Area of slab	7				3 -				
	to be over 0.20 sqm			1						
	and upto 0.50 sqm)								1	F .
	Class	3	6.00	4.20		75.	50		1 2 2	
	Office	2	2.90	2.90					i wa esa a	
	Diffe	1	2.80	2.00		16.	82			j.
		1	14.20	2.90	. '	41.	18		1 5	1
_			40.00							
_	Total Skirting Length	2	18.00		0.15	3,7				
		8	4.20		0.15		8			
		4	3.00		0.15	1.8	0			
	the state of the second st	4	3,00		0.15	1.8	30	2.27	1	
	Ded Opening Length	-1	7.00		0.15	-	05	1		
	and the second s				1-1				-	
		a • ,	, 10 11 11	22		14	5.33	800	897.0	0 130361 01
	Providing and fixing steel door/ window with M.S.	1					J. J. J	sqn	097.0	0 13030101
	sheet 1mm thick, frame of angle iron, diagonal								1	
	braces of angle/ flat iron of suitable size, 3.00 mm					12			1	
3	M S guitest plates at transfers and size, 3.00 mm			-	-	ri.				
	M.S gusset plates at junctions and corners, all									
	necessary fittings complete including applying a	1	i i		. 7					
	priming coat of red oxide zinc chromate primer.	3								
	Door	5	1.0	0 2.1	0 200-2	eam 3	15.00	-	-	_
粮	Window	8	1.5	-						
	ventilation	_		-	-		07.00	-		
	ramp handle	8	0.6		-		0.00			
		1	1.0	0 1.0			5.00			
-		5 1 3 1 1 1 1 1 1 1			tota	n!  8'	97.00	kg	75.0	0 67275 00

	ITEM DESCRIPTION	IN	L	D	H/D	Qty	Unit	Rato	Amount
3n	Providing and fixing in position collapsible steel			1					
	shutters with vertical channels 20x10x2mm and					÷			
1	braced with flat iron diagonals 20x5mm size with	ľ		,				1	
ra ogiti	and bottom rails of T-Iron 40x40x6mm with	1	2.00	T	2 10	5.46	sqm	3330	18181 8
Tell	James teel pulleys'complete with bolts, nuts,	'							
- 1	locking arrangement stoppers, handles including	Į		1					1
1	applying a priming coat of red oxide zinc chromate			1					İ
	primer			_					
13	Providing and making 12mm thick cement plaster of		1						1
-	mix				-		-		
	In Cement Mortar 1 5 (1 cement 5 fine sand)		18,00		3.30	118.80			<del></del>
_	inner plaster class room (6 + 4 2)	2	4.20	-	3.30	83 16	-	+	<del>- </del>
_		0	3.00		3.30	79.20			1
_	OFFICE (2 9+2 9)	8	3.00		3.30	79.20	+	1	
-	VERANDAH (3+12)	- 0	3,00		Total	360.36	sgm	96.50	34774.74
-	11.3 Providing and making 15mm thick cement	<b></b>		1	Total	300,50			
	plaster on the rough side of single or half brick wall		* .	1			-		1
16	of mix			1					1
-	In Cement Mortar 1 5 (1 cement 5 fine sand)			-				-	
_	outer plaster	2	18 00		4.00	144.00	+		
=	outer plaster			-	4.00	33 60	-		
-		2	4.20		4.00	48.00			
-		्यः	3.00	1 7 7	Total	225.60	Sqm	113.00	25492.80
-	Describing and ambine 2 and think marks who		- 10 .00		Total	225.00	34111	,225.05	20102-00
	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla			al al				11	1
	wall care, Alltek Superfine W/R of (NCL), Asian,		1			1			
17	ICI, Nerolac, J.K. wall putty) on walls to make the	:							
1	surface smooth and even				7				
	Ceilling Class	3	6.00	4.20		75.60			<u> </u>
$\vdash$			2.90	2.90	<u> </u>	13.05	1 1 1	2 2 2	
-	Office	2							2.00
_	Verandah	1	12.00	3.00		36.00	N 1 N		
	inner plaster class	1	360.36			360.36			
	outer plaster	1	225.60			225.60			
			1				4		
					total	710.61	sqm	94.50	67152.65
	Wall painting with acrylic luxury emulsion (plastic)				5 6 6 7				
18	paint of required shade to give an even shade								
-	On new work (two or more coats)	1	485.01			485.010	Sqm	52.50	25463.025
-	Painting exterior surface with ACRYLIC SMOOTH		4			7.00.00		32.30	25105.025
	exterior paint of required shade as per			ī			).	e: 1	_
19	manufacturer's specifications to give protective and			e)					
	decorative finish including cleaning washing of								
	surface etc. complete with			1					
100 124 124	On new work (Two or more coats applied @ 1.43				· w diag	2.00	11		
City.	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)	``	1						
20	14 22 Painting on new work (two or more coats) to						•		
A	give an even shade with:								
	Satin synthetic enamel paint	2	8.00	1,50	1.20	28.80		691.20	
		2	4.00	1.10	2 10	18.48		162,62	
		1	2.80		2 10	5.88		16.46	
		11	0,60		0.50	3.30		21 78	
	14/41 1 - 10 - 10 - 10 - 10 - 10 - 10 - 10		1			56.46	Sqm	55.00	105 30
	14.41 Lettering with black Japan paint, per cm	1200			2.50	3000.00	per letter	0.70 2	100 00
							·× · · · · · · · · · · · · · · · · · ·		

Ŀ	Sno	ITEM DESCRIPTION								
1	21	1.26 Carriage by mechanical transport upto 5 km	N	L	B	H/D	Qty	Unit	Rato	•
					- 4			J	react	Amount
1		26   Earth	* * *	-						
		The state of the s	1.00	8.10			8.10	Cum	111.00	899 10
19	OLYT			P	art A-	As per SOR	Total Esti	mate Ar	TOUR! D	1349189.26
							Canada	THE PA	Hount Rs.	1349189.26
-	-						Gross Est	imate A	mount Rs	1349189.20

Sub Engineer
Municipal Corporation
Korba (C.G.)

Asst Engineer Municipal Corporation Korba (C.G.)

#### **DETAILED ESTIMATE**

Name of Work: Construction of Bathroom And Tollot At Govt. Primary School AtW

	_	ine or work: Construction of Bathroom	And Toll	lot At Gov	t. Prim	ary Scho	ool AtWas	1 No. 40			-
	4	Sor - Schedule of Rates Public Worke r	Jonarima	nt ( DIMO	DIM OII	MG 01 0	1.00461	110,410,	-		_
The state of	As	Scriedule of Rates Public Works	ominago	nt I PWD	Floctice	nl 01-06	20201				
1	Sno	L DESCRIPTION	N	L	а	HIC	Qly	Unli	0.4		_
		Surface dressing of the ground including						Unit	Rate	Amount	_
1	1	removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/				1					
		neight including disposal of publish unto 1.5	1								
		lift and lead upto 50m (at least 5m away from									
		bath									
		septic tank		1 4.0			12.00		-		
L				3.0	00 3 00		9.00	_			_
		Excavation for all types and sizes of			-	Total	21.00	Sqm	7.	20 151 20	_
		foundations, trenches and drains or for any						1			
2		other purpose including disposal of excavated			7				.1		
t		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						141			
T		n all types of soils ( Foundation )	1,444	1							
		bath	4	1 20	1 20	4.00	15.04				_
L	19	septic tank	1	2 50	1.80	1 20	6.91 8.10	-		-	_
F	1				1,100	Total	15.01	cum	185.00	2777 22	_
		Providing and filling in plinth with sand/							100,00		-
3		Crusher dust and hard moorum under floor in ayers not exceeding 20cm in depth			1 1						
	- 1	consolidating each deposited layer by ramming					1				
		and watering, including dressing etc complete							,		
		path	4	1.20	1.20	0.08	0.46	-			_
		vall long	2	3.00	0 30	0.08	0.14				_
	5	hort wall	2	2.00	0.30	0.08	0 10				_
	s	eptic tank	. 1	2.50	1.80	0.08	0.36				_
						Total	1.06	cum	274.00	202.50	_
		illing from available excavated stuff (Excluding	,	ı.			1.00	Cum	371.00	393.56	_
		ock) in trenches, plinth, sides of foundation	*****								
4		tc. in layers not exceeding 20cm in depth	( <del>4</del> )		3						
		onsolidating each deposited layer by ramming and watering with a lead upto 50 M and lift									1
-		oto 1 5 M	1	15 01		0.80	12 01				ı
	1					0.00	12 01	cum	65.00	780 62	1
	1								.".		1
•		oviding and laying nominal mix plain cement		r							
5		ncrete with crushed stone aggregate using									
		ncrete mixer in all works upto plinth level cluding cost of form work.		, ,	,						
		3 6(1 cement 3 coarse sand 6 graded stone					-				
		gregate 40mm nominal size)	: •	- -						,	
1	ba		4	1.20	1.20	0 08	0.46				
	B-1 500	Il long	2		0.40	0 08	0.19				
9.00	sh	ort wall	2		0.40	0.08	0.13				
	se	ptic tank	1		1.80	0.08	0.36				
						Total	1 14	cum 2	970 00 3	388 18	
				2:00	1.00		-	cum 2	970 00 3	388 18	

Sno	ITEM DESCRIPTION				-				THE RESERVE CONTROL
	Providing and fixing form work includes	N	L	В	H/D	Qty	Unit	Rato	Amount
7	Struction struction struction			1		•		1,,,,,,	Milouit
	Complete and including its some	-	18	1					
	Fig. Cyclo, 10F	1							
	Foundations, footings, bases of columns plinth	-							
A	I and the same and	1			1				
	type of wall below plinth level								
- 1	bath	40	100	-					
	Shirth.	16	1 20		0.20	3.84			
	p,inth beam	4	1 00		0.85	3.40			
12.5		4	3.00	. 1 St.	0.30	3.60			
		4.	2.00		0,30	2.40			
В	Columns, Pillars, Piers and likes- rectangular or				-	13.24	sqm	139.00	1840 36
	square in snape			1			ł		
	bath	8	0 20						!
		8	0.30		3 00	4.80			
1 1			0.30	-	3.00	7 20			
		-	<del>                                     </del>	+					
	Suspended floors, roofs, access platform,		<del> </del>			12.00	sqm	297.00	3564.00
С	balconies (plain surfaces) and shelves (cast in		1	1					
	situ)	i.						1	
1	plinth beam bath	2	3.00	0.20		4.26			
		2	2.00	0.20		1.20			
	slab	1	3.00	2 00	7	0.80 6.00			
_	septic tank	1	2 50	1 80		4.50	-		
_				1 100		12.50	6000	225.00	0007.50
D						12.30	sqm	235.00	2937.50
_	Weather shade, chhajja, Cornices and mouldings						1		
_	1 32 22								
<u> </u>		1	0.30	0.75		0.23	1		
-					***				
						0.23	sqm	294.00	66 15
E	Beams, lintels, cantilevers & walls					N			40 10
-	lintel beam bath	2	3,00		0.20	1.20		The second	
-		2	2 00		0 20	0.80			
<u> </u>	slab beam	2	3.00		0.30	1.80			
-		2	2 00		0.30	1 20	4 .4		
-	Describition and least a property of the state of					5.00	sqm	202 00	1010 00
-	Providing and laying nominal mix reinforced							V-2	
	cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth					5			
	level excluding cost of form work								
	sever excinding cost or form work	4 .					1		
	1 1½ 3 (1 cement 1½ coarse sand 3 graded				<del></del>	1			
	stone aggregate 20mm nominal size)		,	1					
	col bath	4	1 00	1.00	0.20	0.80	-		
200		4	0.20	0.30	0.85	0.20			
Williams	lintel *****	4	0.20	0.30	3.00	0.72	-		
1500	MILE!	2	3.00	0.20	0 20	0 24	1		
State of	Slab kasa	2	1.80	0 20	0 20	0 14	1		
Parties of	slab beam	2	3.00	0.20	0.30	0.36			
San Park	slab	2	1.80	0.20	0.30	0.22	1 12 17 1		
Manhook		1	3.60	2.30	0.12	0.99			A 10 %
Second Second	septic tank	1	3.00	2 00	0 12	0.72			207.04
	92.					4.40	cum	4163.00 11	3307 21

	Servi	LIEM DESCRIPTION	<u></u>						Salara Krapini Salara	a constant of the
		Providing and placing in position	N	L	В	H/D	Qty	Unit	Rato	Amount
ı		TO WOLK INCHINING CHENIAL AND AND AND AND AND AND AND AND AND AND	ľ							**14
1	•	Outfullig BIC Complete as one demissions		1						
Total 1	NEW YORK	TIPE COSE OF DIDMING WIFE IN COMMUNICAL TO A COMMUNICAL TO A COST OF THE COST								
i i		plints il complete		1				1		
E		Thermo-Mechanically treated bars FE 415						,		į.
T		7.5 Brick work with modular fly-ash lime bricks		80kg/	cum		351.81	kg	54.50	19173.54
-	0	(FaLG Bricks) confirming to IS 12894-2002 of	J e		1					
	1	class designation 4.0 in foundation and plinth in								=
		Coment Mores Local								1
	1	Cement Mortar 1 6 (1 cement 6 coarse sand)		7440	7. 04					
-	$\dashv$	bath			J			,		į.
			2	3.00	0.20	3.00	3.60			
+	$\dashv$		2	1.80	0.20	3,00	2.16			
上	-		1	1 00	0.10	2 10	0.21			
		septic tank	1	1.00	0 10	2.10	0.21			
H	+	Septic talk	2	3.00	0.20	1.80	2.16	3	1 % .	A.
-	1	deduction	2	2.00	0.20	1.80	1.44	1 12	Mar -	1
-	$\rightarrow$	door								
$\vdash$	$\dashv$	0001	3	0.80	0.20	2 10	-1.01			
H	٦,		1 1	1.20	0.20	2 10	-0.50		1	
-	+		2	0.30	0.20	0.30	-0.04		2 m 2	
+	+	Exten for heigh					8.23	Cum	3263.00	26861 02
	1	Extra for brick work in superstructure above						1		
11	-	plinth level for every floor or part thereof in addition to rate for foundation and plinth								
$\vdash$	_	and the second s					8.23	Cum	121.00	996.07
		2.13 Providing and laying vitrified floor tiles		l ala and						
1		vith double charge/ multi charge							10	
		orinting with water absorption less than 0.5%			1		1			
1		and conforming to IS			į.				9	
		S622 of approved make in all colours and	) }	i i						
12	- 1	hades and size mentioned								
	t	pelow (+/- 10mm), lald on 20mm thick cement	`	£ .			,			
1_	r	nortar 1:4 (1 cement 4			1 1					
		oarse sand) including grouting the joints with	9 -						5	7.
1	V	hite cement and	1							
L	n	natching pigments etc. complete		a., + 10 1						
1	1	2 13 1 Size 600x600mm			1.					
-	1	lass	3	8.00	4.20		75.00	A. C		1.4
<u> </u>	4						75.60			
	0	ffice	2	2.90	2.90		16.82	,		
_	To	otal Skirting Length	2	18 00		0.15	5,40	1		<del> </del>
	-	0	в	4,20		0 15	3.78			-
	-		4	3.00		0.15	1.80			
1	-		4	3.00	<del>                                     </del>	0.15	1.80			
	00	d Oppoing Longth	7	7 00	1	0.15	1.05			
	ne	d Opening Length					1.03	com	1151 00	0.00
	-	0.0004465			2 1 1		1	sqm	1131.00	0.00
		9 Providing and laying ceramic glazed floor	- I							
X		es conforming to IS 15622 of approved size,								
1		ke, colour, shade laid on 20 mm thick								1
		ment Mortar 1:4 (1 cement 4 coarse sand)								
		luding pointing the joints with white cement	u ·					1		
Con.	mi	ked with matching pigment etc., complete.						-1		
	12	9 1 Size 300x300mm	1	3.00	2.00	21.5	6.00			
Will I							6.00	mpa	692.00	4152.00
SECTION AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN C	of the same				<u> </u>		1			

L

Sno	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rato	Amount
12.7 Prov	viding and fixing ceramic glazed wall			1		T-'		1,200	- Industry
tiles conf	orming to IS 15622 of approved								
make, co	lours, shades and size on wall and								
OY	er 12 mm thick bed of cement Mortar		1	1		1			
73 (1 Met	ment 3 coarse sand) and jointing with			1		1	1		
grey cem	ent slurry @ 3.3kg per sqm including								e.
pointing	n white cement mixed with matching		1	Ř (		3		1	
pigment o	complete					į			
12.7 1 Siz	e upto 200x300mm	2	3.00		2 10	12,60			
		2	2.00		2 10	8.40			
and the second		2	1 00		2 10	4.20			
		. 1	1.00		2 10	2.10			
deduction		3	0.80		2 10	5 04		ļ	
_		1	1.20		2 10	2 52			1
Deside						19.74	sqm	587.00	11587 38
Providing	and fixing steel door/ window with	, ,							
	t 1mm thick, frame of angle iron,	2 06					5 6		
	praces of angle/ flat Iron of suitable	j				,		1	
Size, 3.00 i	mm M S gusset plates at junctions								
	rs, all necessary fittings complete						1		
	applying a priming coat of red oxide	1			:	J			
Door		1	1.00	2.10	30kg/sqm	0.00			
Window		0	1,50	1.20		1			
ventilation		2	0.60	0.50	30kg/sqm	15 00			
ramp hand	dle		1.00	1.00		0.00			
bath		1	1.00	2 10	30kg/sqm	63.00			
n	The state of the s		ļ		total	78.00	kg	75.00	5850.00
1	and making 12mm thick cement							1	
plaster of t				V .			1		1,0
In Cement bath	Mortar 1 5 (1 cement 5 fine sand)	2	3.00		0.70	4.20			
Datii		2	2.00	$\vdash$	0.70	2.80		1	# A
		1	0.80			0.56	1 1 2		
septic tank		2	3.80			13.68			
Septic toris		2	2.00		1.80	7 20	7		
					Total	28,44	sem	96.50	2744 46
	ding and making 15mm thick cement the rough side of single or half brick			,		vint.			
wall of mix	· · · · · · · · · · · · · · · · · · ·					ex no.			
	Mortar 1.5 (1 cement 5 fine sand)					40.55			
bath		2	3.00		3 00	18.00			
		2	2.00		3.00	12.00			
deduction	believe a second	1	1.20		2 10	2.52			
septic tank	:	2	3.80		0 30	2.28			
• • •		2	2.00		0.30	1,20			
			i .		Total	30.96	Sqm	113.00	3498.48
Providing :	and applying 2mm thick ready		:						
	r grade approved make putty (like		<u>.</u>		1				
	are, Alltek Superfine W/R of (NCL),	į.			3				
Asian, ICI, 1	Nerolac, J.K. wall putty) on walls to		9	£					
make the sur	face smooth and even			, .	,				
inner plaster	class	1	28.44	-		28.44			
outer plaster	The state of the s	1	30.96			30.96	1		
Messer		1	30.50	H 3		59.40	sqm	94 50	5613 30
Wall painti	ng with acrylic luxury emulsion					20 A G			
	nt of required shade to give an even								
charle	a reduced single to Bive mi even	1.00			a batan di	d			

Do new work (two or more coats)   Panting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as manufacturer's specifications to give professive and decorative finish including cleaning washing of surface etc complete with	1733 76  19 80 875 00
Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as   Post manufacturer's specifications to give professive and decorative finish including cleaning washing of surface etc complete with	1733 76 19 80 875 00
SMOOTH exterior paint of required shade as panulacturer's specifications to give profestive and decorative finish including cleaning washing of surface etc complete with	19 80 875 00
December   Processing of surface etc complete with	19 80 875 00
Cleaning washing of surface etc. complete with  On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10  14.22 Painting on new work (two or more coats) to give an even shade with  Satin synthetic enamel paint	19 80 875 00
On new work (Two or more coats applied @ 143 ltr 10 sqm over and including priming coat of exterior primer applied @ 2 20 kg/ 10  14.22 Painting on new work (two or more coats) to give an even shade with  Satin synthetic enamel paint  4 0.30 0.36 5qm 55.00  14.41 Lettering with black Japan paint, per cnt hands.  12.6 Carriage by mechanical transport upto 5 km lead  1 26 1 Earth	19 80 875 00
1.4.3 ltf / 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10  20 14.22 Painting on new work (two or more coats) to give an even shade with  Satin synthetic enamel paint  4 0.30 0.30 0.36 0.00  14.41 Lettering with black Japan paint, per cm 500 2.50 1250.00 per letter 0.70  12.1 1.26 Carriage by mechanical transport upto 5 km lead  1 26 I Earth 4.50 Cum 111.00  1 1.00 mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistem (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 I White Long pattern W C pan of size 380 mm  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urnal basin with waste fitting as per IS 2556,	19 80 875 00
1.4.3 ltf / 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10  20 14.22 Painting on new work (two or more coats) to give an even shade with  Satin synthetic enamel paint  4 0.30 0.30 0.36 0.00  14.41 Lettering with black Japan paint, per cm 500 2.50 1250.00 per letter 0.70  12.1 1.26 Carriage by mechanical transport upto 5 km lead  1 26 I Earth 4.50 Cum 111.00  1 1.00 mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistem (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 I White Long pattern W C pan of size 380 mm  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urnal basin with waste fitting as per IS 2556,	19 80 875 00
coat of exterior primer applied @ 2 20 kg/ 10  14.22 Painting on new work (two or more coats) to give an even shade with  Satin synthetic enamel paint 4 0.30 0.36 5qm 55.00  14.41 Lettering with black Japan paint, per cm 500 2.50 1250.00 per letter  1.26 Carriage by mechanical transport upto 5 km lead  1.26 I Earth  1.26 I Earth  1.27 I Troylang and Tixing water croset squarting pan (Indian type W C pan ), 100mm sand cast Iron P or S Irap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixitures complete including cutting and making good the walls and floors wherever required  18.1.1 White Long pattern W C pan of size 580 1.00 each 2459.00  18.13 Providing and fixing white vitreous china urnal basin with waste fitting as per IS 2556,	19 80 875 00
14.22 Painting on new work (two or more coats) to give an even shade with  Satin synthetic enamel paint  4 0.30 0.30 0.36 0.00  14.41 Lettering with black Japan paint, per cm 500 2.50 1250.00 per letter  1.26 Carriage by mechanical transport upto 5 km lead  1.26 I Earth 18.1 Trioving and tixing water closer squaring pain (Indian type W C pan ). 100mm sand cast fron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to 1S 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18.1.1 White Long pattern W C pan of size 580 1.00 1.00 each 2459.00  18.13 Providing and fixing white vitreous china urnal basin with waste fitting as per IS 2556,	875 00
to give an even shade with  Satin synthetic enamel paint  4 0.30 0.30 0.36 0.00  14.41 Lettering with black Japan paint, per cm 500 2.50 1250.00 per lettler  1.26 Carriage by mechanical transport upto 5 km lead  1.26 1 Earth  1.27 I Troyriumg and rixing water closet squarting pan (Indian type W C pan ).  1.00mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 I White Long pattern W C pan of size 580 mm  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urrinal basin with waste fitting as per IS 2556,	875 00
Satin synthetic enamel paint 4 0.30 0.30 0.36 0.00  14.41 Lettering with black Japan paint, per cm 500 2.50 1250.00 per 1250.0	875 00
14.41 Lettering with black Japan paint, per cm 500 2.50 1250.00 per letter 0.70  1.26 Carriage by mechanical transport upto 5 km lead 1.26 1 Earth 1.27 Troytung and traing water closer squarting pan (Indian type W C pan ). 100mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required 1.00 1.00 each 2459.00 1.00 each 2459.00 1.100 each 2459.00 1.100 each 2459.00 1.100 each 2459.00 1.100 each 2459.00	875 00
14.41 Lettering with black Japan paint, per cm   Laborate   Labora	875 00
21 La6 Carriage by mechanical transport upto 5 km lead.  1 26 I Earth  1 26 I Earth  1 27 I Troviding and fixing water croser squarting pan (Indian type W C pan ).  1 100mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 I White Long pattern W C pan of size 580 mm  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556,	
km lead  1 26 1 Earth  10 Trivitaing and fixing water closer squarting pan (Indian type W C pan ).  100mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 1 White Long pattern W C pan of size 580 mm.  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556,	499 90
1 26 I Earth 18.1 Providing and fixing water croser squarting pan (Indian type W C pan ). 100mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 I I White Long pattern W C pan of size 580 mm  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	499 90
pan (Indian type W C pan ), 100mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 I White Long pattern W C pan of size 580 mm  1.00  2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556,	499 90
pan (Indian type W C pan ).  100mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 1 White Long pattern W C pan of size 580 mm.  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 1 White Long pattern W C pan of size 580  mm  1.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 1 1 White Long pattern W C pan of size 580  mm  1.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 11 White Long pattern W C pan of size 580 mm  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
other fittings and fixtures complete including cutting and making good the walls and floors wherever required  18 11 White Long pattern W C pan of size 580  mm  1.00  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
cutting and making good the walls and floors wherever required  18 1 1 White Long pattern W C pan of size 580  mm  1.00  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
the walls and floors wherever required  18 1 1 White Long pattern W C pan of size 580  1.00  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
18 11 White Long pattern W C pan of size 580  1.00  1.00 each 2459.00  18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
1.00   1.00   2459.00   18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
1.00   1.00   2459.00   18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	
18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556.	2459 00
urinal basin with waste fitting as per IS 2556.	
and other couplings in C P brass complete:	
18 13 1 Flat back half stall urinal of size	
460x380x250mm	
2.00 each 1776.00	3552.00
18.2 Providing and fixing vitreous china water closet squatting pan (Indian type) including	
- cutting and making good the walls and floors	
wherever required	
18.2 1 White Long pattern W C pan of size 580	
mm 2.00	
200	No.
8 151 Providing and fixing factory made P V.C. door	998.00
frame of size 50x47mm with a wall thickness of 5mm	estre e
made out of extruded 5mm rigid PVC foam	
sheet mitred at corners and joined with 2 Nos of 150mm long brackets, of 15x15mm M.S. square tube.	
Ino vertical door profiles to be reinforced with	
19x19mm M.S square tube of 19 gauge EPDM	
out the frame The door frame to be fixed to	
Ine wall using M.S. scrows of 65/100mm size	
complete as per manufacturers specification and direction of Engineer-in-Charge	1
	- 1
gents toilet	1
2 0.80 2.10 3.36	

Sm ITEM DESCRIPTION		N	L	B	НЛ	Qty	Uni	Rate	Amount
TEM DESCRIPTION		*				5.88	metr	e 346.00	2034.48
8 152 Providing and fixing 30mm thick factory in panel PVC door shutter consisting of frame made	ado out								
MS, lubes of 19 gauge thickness and size	10			1					
totto a rails MS frame shall have a coal of a	p &			1					
primers of approved make and manufacture if	18	- 1		l					
frame covered with 5mm thick heat moulded PVC	C								
channel of size 30mm thickness, 70mm width ou which 50mm shall be flat and 20mm shall be tepe	lol				1				
in 45degree angle on either side forming styles.	and	- 1			1			1	
5mm thick 95mm wide PVC sheet out of wh	ich				1				
75mm shall be flat and 20mm shall be tapered in	45								
degree on the inner side to form top and bottom	roil								
gents toilet	1	0	90	2.00		1.80			
ladies toffet	2	C	90	2.00		3 60			
						5.40	sqm	2832.0	0 15292.8
18 17 Providing and fixing vitreous china wash ba with CI brackets 32 mm CP brass waste	sin							1	
standard pattern including painting of bracket	č'								
cutting and making good the walls wherever require	d								1
18 17 2 White Size 550x400 mm						3 00		-	-
						3 00		1400.00	14224.00
18.76 Providing and fixing on wall face or under flo	Or .	9 1				3,00	each	1408.00	4224.00
UV stabilized Unplasticised Rigid PVC pipes (sing	lo								1
sockeled) having 3.2mm wall thickness conforming	10	H	1.					1	
IS 13592 (4kg/sqcm) including required coupler jointing with seal ring conforming to IS 5382 leaving	S.								1
10 mm gap for thermal expansion etc complete	19		-	1					i
to the gop to the man expension etc complete									
	1	20	.5			20.50			
						20.50	metre	267.00	5473.50
18.77 Providing and fixing on wall face UV stabilize									
Unplasticised PVC moulded fittings/ accessories									İ
having 3.2mm wall thickness for Rigid PVC pipes conforming to IS 13592 (heavy) jointing with sea									
ring conforming to IS 5382 leaving 10 mm gap fo		3.							
thermal expansion			8	l		Ī			
		10					1,		
18.77 1 Tee/ Tee with door/ Bend 45*/ Bend 90*						1.00			
110 mm						1.00	each	154.00	154.00
18 77 3 Vent covel						1 00			
110 mm						1 00	each	44.00	44.00
18 77 4 Access door cap						_			
110 mm		i.			1	1.00	each	59.00	59.00
18 77 6 Nahani trap 110x75mm						·			
						2.00	each	90.00	180.00
18.77 5 °P" trap 110mmx110mm long	9 -						712 UM		
						1.00	cach	227.00	227.00
8.76 Providing and fixing on wall face or under floor				_		<del> </del>			
V statutized Unplasticised Rigid PVC pines (stocks)						1			
ocketed) having 3.2mm wall thickness conforming to			-					ı	
5 13592 (4kg/sqcm) including required couplers, binding with seal ring conforming to IS 5382 leaving		1	1					l	
0 mm gap for thermal expansion etc complete						,			
8 76.2 110 mm dia pipe		2.60		_					
ilot	1	2.50	15			5 00			
the state of the s		1 50	1.00			3 50			

Sino ITEM DESCRIPTION	l N	L	В	H/D	Qty	Unit	Rato	Amount
					8.50	metre	267.00	2269.50
20.6 Providing, lowering, laying aligning fixing in position at and jointing at all level/ depths ISI marked IHDPE pipes of PE-100 grade and PN 6 for sewer								
date) trenches in complete including all material, labour testing and commissioning as per direction of Engineer								
20 8 1 100 mm dia	1	2.80	1 80		5.60			
					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					1.00	- cash	1031.00	1031.00
19.5 Providing and fixing Chlorinated Polyvinyl 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.					1.00	each	1031.00	1031.00
19.5.1 15 mm nominal outer dia Pipes		4		2 50	10.00			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19.5.2.20 mm nominal outer dia. Pipes					10.00	metre	133.00	1330.00
13.3.2.20 mm nominal outer dia .Pipes.								
		4	. 1980	2 10	8.40			
			-	2 10	8.40			
19 5.3 25 mm nominal outer dia Pipes.					8,40	metre	167.00	1402.80
		3	1.5		4.50			:
		3	2.5					
			2.0		7.50			
19 13 Providing and fixing 15 mm nominal bore Brass			•	• "	12.00	metre	213.00	2556.00
bib/stop cock of approved quality 19.13.2 Bib cock (350 grams)		gm.						
is to a control ground,			<u>* * * * * * * * * * * * * * * * * * * </u>		2 00			
81	1						<u>.</u>	
	1 1 1				2 00	each	237.00	474.00
19 13 3 Stop cock (350 grams)			1 - 1					
	. 4.0 1				3.00			19
7					3.00	each	237.00	711.00
19.15 Providing and fixing stainless steel drain jall of approved make/quality					2.00			
		i A			2 00	each	51 00	102.00
18.25 Providing and fixing flexible PVC waste pipe for sink or wash basin including PVC waste fillings complete	-1				-			
32 mm dia								
ladies		,	_					
The first of the f		-			1.00	each	68.50	58.50

Sno	ITEM DESCRIPTION		TL	В	H/D	Qty	Unit	Rato	Amount
1 1	8 10 Providing and fixing 15 mm nominal bore plasticised PVC connection pipe with PTMT nuls pd PVC bush of approved quality and colour	N					J	11410	Amount
	2.10.2.45 CM length					-	-		
42	ents					3.00			
9	ents								
						3 00	each	66.50	199,50
19 w:	9.42 Providing and placing on terrace polythene ater storage tank and the base support for tank	1	1000.00			1000 00	litre	7.30	7300.00
M	/IRING IN CONCEALED PVC conduit								
Fi W Fi pi A m bo	firing for light plug point with 3x2 5 sq mm RLS PVC insulated stranded copper conductor ire for phase, neutral and earth in concealed RLS PVC conduit (heavy duty, thickness of pe should be 2 mm) along with modular type 6 mp switch and 3 pin 6 amps socket outlet with odular base and cover plate, suitable size G I ox, earthing the switch box and socket outlet ith same size wire etc. as per specification and 6 694 (2010), IS 9537 (2000 Part 5)								
SI	hort Point				1 00	Point	Point	442.00	442 00
	edium Point				1 00	Point	Point	659 00	659.00
ea in: FF pij	firing for circuit/ sub main wring along with arth wire with the following sizes of FRLS PVC sulated copper conductor, wire in concealed RLS PVC conduit (heavy duty, thickness of pe should be 2 mm) as per specification and 694 (2010), IS, 9537 (2000 Part 5)	- 1377							
3 7	K 1.5 sq. mm in 20mm conduit				3.00	Metre	Metre	92.00	276.00
3.7	C 2.5 sq. mm in 20mm conduit				2.00	Metre	Metre	111.00	222.00
SV	VITCHES & ACCESSORIES		,						
so bo	pplying and fixing following plano type switch, ckel, other accessories on the existing switch of cover including connections etc. as per ecification.				y Section		The second		
Ce	iling rose 3 pin 5 amps	3,	. " 		2.00		Each	32.00	64.00
	Iten/ angle holder			2	2.00		Each	38.00	76.00
foll hea hold sho	pplying, fixing, testing and commissioning of owing LED lamps with inbuilt electronic driver of sink and all other accessories in existing der/ luminaries as per specification and P.F. uld be greater than 0.9 LED chip efficacy o ≥ 100 lumens /watt.								
12 V	to the second se			2	.00		Each	215.00	430.00
cominclu Capa surfa earth IP20	plying. Installation, testing and missioning of following LED tube light fitting ding batten with Electronic Driver Heat sink action complete with all other accessories on ice/ in false ceiling including connection, ling etc complete as per specification and PF should be greater than 0.9 LED chip icy ratio ≥ 100 lumens /watt								750,00
18/20	) wall (4 feet)	1 20							
Supp curve existi lestin speci	lying and fixing DP MCB, 240 volts, 'C' suitable for lighting and other loads in the ng MCB DB complete with connections g and commissioning etc as per fication.				.00	,	Each	443.00	443 00
	THING			ř .			-		
EAR	HUNG								,

ITEM DESCRIPTION	N	L	D	HID	Qty	Unit	Rato	Amount
su co or in recess for loop earthing along with exist a surface/ concealed conduit/ submain wiring able as per specification								
				22.00		mtr	19.00	418.00
Car public of the second								
Supplying Installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing oto complete as required								
300 mm sweep								
				1.00		each	2446.00	2446.00
		L	Part A	- As por SC	OR Total I	Estimato /	Amount Re	180981.48
					Gross	Estimato	Amount R	8

Sub Engineer
Municipal Corporation
Korba (C.G.)

Asset Angineer
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]

- 10		As per Sor - Schedule of Rales Public Works Departing			107-06-20	20]
0	Ref no		Unit	Rate	Qty	Amount
,		WIRING IN CONCEALED PVC conduit				
1	1 10	Wiring for light plug point with 3x2 5 sq mm FRLS PVC				
	1	insulated stranded copper conductor wire for phase, neutral			1	
	•	and earth in concealed FRLS PVC conduit (heavy duty,	ı			
	1	thickness of pipe should be 2 mm) along with modular type 6			T	
		Amp switch and 3 pin 6 amps socket outlet with modular			1	
	ł	base and cover plate suitable size G I box, earthing the	7	)		
	1	switch box and socket outlet with same size wire etc. as per				
	•	specification and IS 694 (2010) IS 9537 (2000 Part 5)				
	1 10 1	Short Point	Point	442 00	16	7072
	1 10 2	Medium Point	Point	659 00	8	
	1 10.3	Long Point	Point	922.00	6	
	1 13	Winng for circuit/ sub main wiring along with earth wire with				2002
		the following sizes of FRLS PVC insulated copper			(	1
	l	conductor, wire in concealed FRLS PVC conduit (heavy	1		Ţ.	
		duty thickness of pipe should be 2 mm) as per specification		1 1		<b>{</b>
	de la second	and IS 694 (2010), IS 9537 (2000 Part 5)			. 12100	
_	1 13 1	3 X 1.5 sq. mm in 20mm conduit	Metre	92 00	25	2300
	1 13.2	3 X 2 5 sq. mm in 20mm conduit	Metre	111 00	25	
	5	SWITCHES & ACCESSORIES		### ### #### #########################		
	5.1	Supplying and fixing following piano type switch socket.				
		other accessories on the existing switch box/ cover including	•	1		V.
		connections etc. as per specification				<u> </u>
	5 1 13	Ceiling rose 3 pin 5 amps	Each	32.00	14	448
	5.1.15	Batten/ angle holder	Each	38.00	10	380
	5.4	Supplying and fixing following modular switch, socket, other				500
	1	accessories on the existing modular plate & switch box	1	(	;	1
i.	1	including connections but excluding modular plate etc. as per	1	1	2	¥ .
1		specification.	<u> </u>			
5	5.4.8	Fan regulator (one module size) electronic stepped type	Each	186.00	8	1488
		moving all rounds				1700
	6	FANS, LUMINARIES AND LAMPS				
6	6.1	Supplying installation testing and commissioning of				
		following sizes ceiling fan including wiring the down rods of				
		standard length up to 30 cm with 1.5 sq mm FRLS PVC	**			
		insulated, copper conductor single core cable, earthing etc.	· •	١	1	
VIII I		complete as required. P.F. should be greater than 0.9, with	1			
is		BEE Star rating from 3 star and above, IS 374:2019	<u> </u>	\		
	313	1200 mm sweep	Each	1697 00	10	16970
7/6	5 17	Supplying fixing testing and commissioning of following	1 1 1			
		LED lamps with inbuilt electronic driver heat sink and all		Ţ,		
		other accessories in existing holder/ luminaries as per		1: 1	1	
		specification and P F should be greater than 0.9. LED chip	1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1
	17 F	efficacy ratio > 100 lumens /watt				
	3 17 5 3 19	Supplying testallation testing and completeles of	Each	215.00	12	2580
-		Supplying, installation testing and commissioning of		1		
		following LED tube light fitting including batten with		1		
	1	Electronic Driver Heat sink Capacitor complete with all other			, t	1
1		accessories on surface/ in false ceiling, including connection.	1			1
		earthing elc complete as per specification and IP20 PF			1	
		should be greater than 0.9 LED chip efficacy ratio ≥ 100	1			1
100	The state of the s	lumens /watt.				

0.	a no	Item of Work	Unit	Detail		
9	6/193	18/20 walt (4 feet)	Each	Rate	Qty Ar	nount
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 P.F. should be greater than 0.9 LED chip efficacy ratio ≥ 120 lumens /watt.	Eddi	443 00	14	6202
	6.28.7	60 watt				
10	9.4	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 tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification (But without MCB/RCCB/Isolator)	Each	3622.00	4	14488
	941	4 way Single door				. 1
11	9 12 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.  6 amps to 32 amps	Each	1317 00	1	1317
	12	EARTHING	Each	411 00	14	5754
	12.2					
12		watering pipe, with charcoal and salt as per specification and IS Code 3043, 1987(R 2016)	Set	3734.00	1	373
13	12 18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/concealed conduit/ submain wiring/ cable as per specification.	Metre	19 00		79
14	15 11	Supplying and hanging following sizes one number FRLS PVC insulated /XLPE PVC sheathed, steel armoured, 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) /			42	
	15 11 3	2 x 10 sq mm on 8 SWG GI bearer wire	Metre	102.00		1 2 2
		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 300 mm sweep		103 00	39	40
+		ooo miin aweep	. A			
			each	2446.00	2.00	48
-		As per SOR Total Estimate Amo				86019.0

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