

# कार्यालय, नगर पालिक निगम, कोरवा (छत्तीसगढ़)

फा.क्र. 190/2024

सिस्टम टेंडर नं. 159351

कोरवा दिनांक 29.09.2024

## ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरवा 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 दिनांक 01.08.2020 से प्रमादशील 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:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 23.10.2024 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 23.10.2024 सायंकाल 4.00 बजे से

क्र.	कार्य का नाम	प्राक्कलन राशि (लाख में)	घरोहर राशि (FDR/TDR)	कार्यवधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	जिला कोरवा अंतर्गत डिगापुर स्थित प्रयास विद्यालय परिसर में अंध, मूक एवं बधिर विद्यालय सह छात्रावास का उन्नयन कार्य (जिला खनिज न्यास मद)	32.83	25000/-	4 माह	1500/-	वर्ग डी एवं प्रवर श्रेणी	23.10.2024 से .....

शर्त:-

1. 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 दरों का उल्लेख करने पर निविदा निरस्त मानी जायेगी
2. 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।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पैन 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 डिमांड ड्राफ्ट एवं घरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
  - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरवा साकेत भवन, आई.टी.आई.चौक रामपुर कोसावाडी पिन- 495677 कोरवा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन 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 रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
  - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरवा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संचारण 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 परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
5. 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।
6. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1998 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
7. ईट से संबंधित निर्माण कार्यों में फ्लाइंग एश ग्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का विल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का विल संलग्न करना अनिवार्य होगा।
9. 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 परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरवा 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 स्वयं निरस्त मानी जावेगी।
10. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
11. निविदा प्रपत्र फार्म -ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।
12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरवा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
15. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु वजट आवंटन एवं राशि उपलब्ध होने पर किया जाएगा।
16. 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 संभव नहीं होगा।
17. कार्य क्रियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
18. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।



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

प्रतिलिपि-

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

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		30.09.2024	13.30	30.09.2024	13.30	Release Tender
2		Bid Submission	30.09.2024	13.30	22.10.2024	17.30	
3		Physical Document Submission	30.09.2024	13.30	23.10.2024	15.00	
4	Tender Open		23.10.2024	16.00	--	--	

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

TAILED ESTIMATE FOR RENOVATION OF DEAF & DUMB SCHOOL, HOSTEL i/c NEW PORCH, MAIN GATE & CC APPROACH ROAD AT DINGAPUR, KORBA

S.no.	SOR Item	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
1	16 8	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead								
		Galary	2	47 00	0 60		56 40			
			2	47 00	0 30		28 20			
			2	40 80	0 30		24 48			
			2	9 60	0 60		11 52			
		Ent	2	9 60	0 30		5 76			
			1	5 60	0 60		3 36			
			1	7 50	0 60		4 50			
			1	2 00	0 60		1 20			
		Ent D5 Front	1	5 25	0 60		3 15			
			2	7 50	0 30		4 50			
			1	5 25	0 30		1 58			
			1	3 00	0 60		1 80			
			1	5 25	0 30		1 58			
			1	3 00	0 30		0 90			
			1	2 00	0 30		0 60			
		Dining	2	5 00	0 30		3 00			
			1	0 60	0 60		0 36			
			2	12 20	0 60		14 64			
			2	12 20	0 30		7 32			
			2	8 00	0 30		4 80			
		Wash Area	1	5 40	0 60		3 24			
			1	3 00	0 30		0 90			
		Room Ent	6x2	1 00	0 30		3 60			
							187.38	Sqm	57.00	10681.00
2	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								
		For Choukidar Qtr window	2	1 50	1 50	0 20	0 90			
		Door Choukhat	2x2	0 20	0 20	0 20	0 03			
			2x36	0 10	0 20	0 20	0 29			
		Ent Wall	1	5 25	0 20	3 30	3 47			
							4.69	Cum	263.00	1232.00
3	16 26	Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and slacking within 50 metres lead								
			36				36.00	Each	100 00	3600 00
4	16 53	Removing following vitreous china sanitarywares carefully for re-use including stacking within 50 metres lead								
	16 53 3	European/ Anglo Indian WC pan of all sizes								

Particular		No.	L	B	D/H	Qty	Unit	Rate	Amount
5	10 53 1 Wash basin of all sizes and shapes	12				12.00	Each	46.00	552.00
		12				12.00	Each	30.50	366.00
0	1 1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits								
	1 1 1 In all types of soils								
	For Main Gate	1	1.20	1.20	1.60	2.30			
	For Porch	2	1.20	1.80	1.60	10.37			
	for Boundrywall	4	1.50	1.50	1.80	18.20			
		1	7.00	0.70	1.00	4.90			
						33.77	Cum	185.00	6248.00
7	3 1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3 1 3 1:3:6 (1 cement, 3 coarse sand & 6 graded stone aggregate 40mm nominal size)								
	For Main Gate	1	1.20	1.20	0.10	0.14			
	For Porch	2	1.80	1.80	0.10	0.65			
	for Boundrywall	4	1.50	1.50	0.10	0.90			
	For Guard Room	1	7.00	0.70	0.10	0.49			
	For Bathroom	1	2.90	3.00	0.10	0.87	2583.90		
		4x4	1.20	1.50	0.10	2.88			
						5.93	Cum	2970.00	17618.00
	3 1 4 1:2:4 (1 cement, 2 coarse sand & 4 graded stone aggregate 40mm nominal size)								
		2x2	0.20	0.20	0.20	0.03			
		2x32	0.10	0.20	0.20	0.26			
						0.29	Cum	3552.00	1023.00
8	3 2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3 2 1 1 1/2:3 (1 cement, 1 1/2 coarse sand & 3 graded stone aggregate 20mm nominal size)								
	For Footing Main Gate	3	1.20	1.20	0.20	0.86			
	Trap	3x0.30/6	((1.50x1.50)+(0.40x0.40)+4			1.116			
	Col	2	0.40	0.40	5.70	1.82			
		1	0.30	0.30	4.20	0.38			
	Beam	1	9.00	0.60	0.90	4.88			

SOR		Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount	
off											
		Porch	4	1 50	1 50	0 20	1 80				
		Col	3x0 30/6	((1 50x1 50)+(0 30x0 30)+ 4			1 501				
		Beam	4	0 30	0 30	5 30	1 91				
		Slab	2x2	4 00	0 20	0 20	0 64				
		for wash basin area	1	4 00	7 50	0 12	3 60				
			2	5 60	0 60	0 12	0 81				
							19 30	Cum	4163 00	80335 00	
9	1 18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete									
			Qty 50% of Excavated Area					16 89	cum	371 00	6265 00
10	3 12	Providing and placing in position reinforcement for R C C work including straightening cutting, bending binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete									
	3 12 1	Thermo-Mechanically treated bars FE 415					19 30	Kg			
		Take 100 Kg/Cum		19 30	x 100 Kg		1929 74	Kg	54 50	105171 00	
11	2 1	Providing and fixing form work including centing, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for									
	2 1 1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level									
		Main Gate	3x4	1 50	0 20		3 60				
		Porch	2x4	1 50	0 20		2 40				
12	2 1 8	Beams, lintels, cantilovers & walls					6 00	Sqm	139 00	834 00	
			1	0 60	7 00		4 20				
			8x2	7 50	0 30		36 00				
			8x2	4 00	0 20		12 80				
13	2 1 5	Columns, Pillars, Piers and likes- rectangular or square in shape					53 00	Sqm	202 00	10706 00	
			4x2	0 40	5 70		18 24				
			1x4	0 30	4 20		5 04				
14	2 1 7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)					23 28	Sqm	297 00	6914 00	
		Porch	1	7 50	4 00		30 00				
			2	7 50	0 12		1 80				
			2	4 00	0 12		0 96				
15	2 1 12	Arches, domes and likes, exceeding 6 M Span					32 76	Sqm	235 00	7699 00	

No.	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
	Beam Bottom	1	7 00	0 00		4 20			
	Area	1	7 50	0 00		0 75			
	For Wash basin	2	5 00	0 00		0 72			
16	7 5					17.87	Sqm	890.00	15726.00
	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS 12894-2002 of class designation 4.0 in foundation and plinth in								
	7 5 4								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Boundrywall	1	7 00	0 70	3 00	14 70			
		1	7 00	0 00	3 00	12 00			
		1	7 00	0 40	3 00	8 40			
						35.70	Cum	3283.00	116489.00
17	7 6								
	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth								
	Boundrywall	1	7 00	0 20	2 50	3 50			
	Ent Wall	1	5 25	0 20	3 30	3 47			
	Deduct ( )	-2	0 00	0 20	1 20	-0 43			
	CG	-1	2 40	0 20	2 10	-1 01			
						5.53	Cum	3384.00	18697.00
18	11 2								
	Providing and making 12mm thick cement plaster of mix								
	11 2 4								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	Room	2x2	0 20	2 10		1 68			
	Toilet	2x32	0 10	2 10		13 44			
						15.12	Sqm	91.50	1383.00
19	11 3								
	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	11 3 4								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	For Porch Col	4x2	0 30	4 00		9 60			
	Col	4x2	0 30	4 00		9 60			
	Porch Bot	1	7 50	4 00		30.00			
	Sides	2	7 50	0 12		1 80			
	Sides	2	4 00	0 12		0 96			
	Boundrywall	1x2	7 00	2 40		33 60			
	For Toilet Partition	2	3 00	3 00		18 00			
	Sides Toilet Partition Wall	2	0 20	3 00		1 20			
	Ent Wall	2	5 25	3 30		34 65			
	Deduct ( )	-2	0 90	1 20		-2 16			
		-1	2 40	2 10		-5 04			
						132.21	Sqm	107.00	14146.00

SOR	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
20	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-Iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer	1	2.40	2.10		5.04	Sqm	3330.00	16783.00
21	9 6 Steel work welded in built up sections/ framed work including cutting hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer								
	9 6 2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works								
	Main Gate Big	1	3.00	2.10	6.30				
	Main Gate Small	1	1.50	1.80	2.70				
					9.00		Sqm		
					@ 60 Kg/sqm	540.00	Kg		
	Grill W Guard Room	2	1.50	1.50	6.00				
	Grill of Ent.Room	2	0.90	1.20	2.16				
					8.16		Sqm		
					@ 20 Kg/sqm	163.20	Kg		
					Total	703.20	Kg	68.00	47818.00
22	14.22 Painting on new work (two or more coats) to give an even shade with:								
	14.22.1 Satin synthetic enamel paint								
	Main Big Gate	1	3.00	2.10	1.50	9.45			
	Main Small Gate	1	1.50	1.80	1.50	4.05			
	CG	1	2.40	2.10	1.50	7.56			
	Window Guard Room	2	1.50	1.50	0.75	3.38			
	Ent Room Window	2	0.90	1.20	0.75	1.62			
						26.06	Sqm	55.00	1433.00
23	14.23 Painting on old work (one or more coats) to give an even shade with:								
	14.23.1 Satin synthetic enamel paint								
	Door D2	21	1.20	-	2.40	60.48			
	D4	5	1.00	-	2.40	12.00			
	D5	1	2.00	-	2.40	4.80			
	Factor 2.25	2.25				77.28			
	D3 Choukhat Only	33	0.15	-	2.10	173.88	(A)		
						10.40	(B)		
					Total (A+B)	184.28	Sqm	35.00	6450.00

		Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
		Providing and laying tactile full body vitrified tiles (for vision impaired persons as per standard laid down in (PWD) guide lines) of size having 300x300 and total thickness 15mm, water absorption less than 0.05% and conforming to IS 15022 2017 of H&H Johnson or equivalent approved make in all colours, shades and size mentioned below (1/10mm) laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc complete								
12 00 1		Dot pattern hazard warning tactile 23 mm dia 30 dots (6 dot in both direction) and 5mm exposed from the surface.								
12 00 2		Strip pattern directional tactile 23 mm strip 4 nos equally spaced and 5mm exposed to the surface								
		Galary	2	47 00	0 00				56.40	
			2	47 00	0 30				28.20	
			2	40 00	0 30				24.48	
			2	0 60	0 60				11.52	
		Entl	2	9 00	0 30				5.76	
			1	5 60	0 60				3.36	
			1	7 50	0 60				4.50	
			1	2 00	0 60				1.20	
			1	5 25	0 60				3.15	
		Ent D5 Front	2	7 50	0 30				4.50	
			1	5 25	0 30				1.58	
			1	3 00	0 60				1.80	
			1	5 25	0 30				1.58	
			1	3 00	0 30				0.90	
			1	2 00	0 30				0.60	
			2	5 00	0 30				3.00	
		Dining	1	0 00	0 60				0.36	
			2	12 20	0 60				14.64	
			2	12 20	0 30				7.32	
			2	8 00	0 30				4.80	
		Wash Area	1	5.40	0.60				3.24	
			1	3 00	0 30				0.90	
		Room Ent	6x2	1 00	0 30				3.60	
									187.38	Sqm
									2127.00	398557.00
25	9 57	Providing stainless stool railing/ grill made of SS flats, hollow SS pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete								
	9 57 1	SS Grade 204								
		Galary (Vorandah)								
			2	40 80	0 90				73.44	
			2	0 60	0 90				17.28	
									90.72	Sqm



SOR	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
					@ 1 Kg/Sqm	816.48	KG	(A)	
	Ent	2	40 00	0 00		73 44			
		2	0 00	0 00		17 28			
		2	7 50			15 00			
		1	5 25			5 25			
		1	1 50			1 50			
		1	7 50			7 50			
		2	45 00			91 20			
		1	24 00			24 00			
		2	12 20			24 40			
		2	8 00			16 00			
		7x2	7 50			105 00			
		7x2	5 25			73 50			
		4x2	5 25			42 00			
		1	3 00			3 00			
		1	2 50			2 50			
	Deduction for Door D2					501 57	Mtr		
	D4	14	1 20			16 80			
	Washing & Stairs Portion	4	1 00			-1 00			
		2	3 00			-6 00			
	Add 5% Extra work Corners & 12 No Half Gates for Coulyard					474 77	Mr		
						23 74			
					Total	498 51	Mtr		
					@ 1 91 Kg/mlr	952 15	Kg	(B)	
					TOTAL (A+B)	1768 63	Kg	467 00	825951 00
26	8 15								
	Providing and fixing wall paneling frame made of commercial grade 12mm thick water proof ply strips 100mm wide at 600mm apart center to center vertically and horizontally with necessary screws, wooden plugs etc complete as required								
	Closing of CG Opening	1	2 80	2 60		7.28	Sqm	552 00	4019.00
27	8 55								
	Providing and fixing and galvanized wire mesh of I S gauge designation 85 G with wires 0 56 mm dia to windows and clerestory windows including 19x12mm teak wood beading including priming coat of red oxide zinc chromate primer								
		6x2	0 80	1 50		14.40	Sqm	443 00	6379 00
28	18 4								
	Providing and fixing vitreous china water closet (European type W C pan) with white ISI marked plastic seat and lid, 10 litre low level white P V C flushing cistern (same colour), conforming to IS 7231, with all Providing and fixing vitreous china water closet (European type W C pan) with white ISI marked plastic seat and lid, 10 litre low level white P V C flushing cistern (same colour) conforming to IS 7231 with all								

SOR Item	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
	11 White pedestal type								
	For Bathroom	1				1.00			
		4				4.00			
						5.00	Each	2882.00	14410.00
29	18.1 Providing and fixing water closet squatting pan (Indian type W C pan), 100mm 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								
	18.1.1 White Long pattern W C pan of size 580 mm	4				4.00	Each	2459.00	9836.00
30	18.7 Providing and fixing 10 litre capacity P.V.C. low level flushing cistem conforming to IS 7231, with all fittings and fixtures complete								
	18.7.1 White	8				8.00	Each	729.00	5832.00
31	7.11 Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) conforming to IS 12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level.								
	7.11.2 Cement Mortar 1:4 (1 cement 4 coarse sand)								
	For Toilet partition wall	1	3.00	3.00		9.00	Cum	382.00	3438.00
32	8.151 Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, 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, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge								
		2x37	2.10			155.40			
		37	1.00			37.00			
						192.40	Rmt	346.00	66570.00

SOR	Particular	No.	L	D	D/H	Qty	Unit	Rate	Amount
33	Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of M S tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M S frame shall have a coat of steel primers of approved make and manufacture. M S frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45degree angle on either side forming styles, and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5mm thick both side PVC sheet to be fitted in the M S. frame welded/ sealed to the								
8 152 2	Both side Pre-laminated panel PVC door shutter	37	0 75	2 10		58.28	Sqm	2832.00	165035.00
34	Providing and fixing powder coated aluminium sliding door bolts with 16mm rod, necessary M.S. nuts bolts and screws etc complete								
8 126 1	300x16mm	37x2				74.00	Each	175.00	12950.00
35	Providing and fixing powder coated aluminium door handles 2.5mm thick with necessary M.S. screws etc complete.								
8 129 1	150 mm	37x2				74.00	Each	32.00	2368.00
36	Providing and fixing 15 mm nominal bore C P brass fittings of approved make and conforming to IS 8931 including C P brass extension if required								
19 14 1	Bib cock (400 grams)								
	For Toilet	1				1 00			
	For Bathroom	10				10 00			
19 14 2	Long nose bib cock (500 grams)					11.00	Each	382.00	4202.00

SOR Item	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
	For Bathroom	10				16 00			
	For Wash basin	12				12 00			
10 14 0	Stop cock (concealed) (100 grams)					20 00	Each	455 00	12740 00
	For Bathroom	20				28 00			
	For Wash basin	12				12 00			
19 14 15	Shower rose (revolving type) (150mm)					30 00	Each	494 00	10772 00
37	19 15 Providing and fixing stainless steel drain job of approved make/quality					17 00	Each	269 00	4573 00
		20				28 00	Each	51 00	1428 00
38	12 9 Providing and laying ceramic glazed floor tiles conforming to IS 15622 of approved size make colour, shade laid on 20 mm thick Cement Mortar 1 4 (1 cement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete								
	12 9 1 Size 300x300mm								
	For Toilet	1	3 00	5 45		16 35			
	Guard Room	1	2 95	3 00		8 85			
	For Bathroom	4x4	1 20	1 50		28 80			
						54 00	Sqm	692 00	37368 00
39	12 Providing and fixing ceramic glazed wall tiles conforming to IS 15622 of approved make colours shades and size on wall and dados over 12 mm thick bed of cement Mortar 1 3 (1 cement 3 coarse sand) and jointing with grey cement slurry @ 3 3kg per sqm including pointing in white cement mixed with matching pigment complete								
	12 7 1 Size upto 200x300mm								
	For Toilet	2	3 00	2 10		12 60			
		2	2 50	2 10		10 50			
	For Bathroom	4x4	1 50	2 10		50 40			
						73 50	Sqm	587 00	43145 00
40	14 21 Applying priming coat on steel work with red oxide zinc chromate primer								
	Main Big Gate	1	3 00	2 10	1 50	9 45			
	Main Small Gate	1	1 50	1 80	1 50	4 05			
	CG	1	2 40	2 10	1 50	7 56			
	Window Guard Room	2	1 50	1 50	0 75	3 38			
	Ent Room Window	2	0 90	1 20	0 75	1 62			
						26 06	Sqm	17 50	456 00

Item	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
41	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS 733, IS 1205 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS 1868. minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately)								
	9 47 1 For fixed portion								
	Guard Room	2	1.50	1.50		4.50			
	Ent Gate	2	0.90	1.20		2.16			
						6.66			
					@ 8 Kg/Sqm	53.28	Kg	331.00	17636.00
42	9 47 2 For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).								
	For Guard Room	2	1.50	1.50		4.50			
	Ent Gate	2	0.90	1.20		2.16			
						6.66			
					@ 5 Kg/Sqm	33.30	Kg	338.00	11255.00
43	9 51 Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete (Cost of aluminium snap beading shall be paid in basic item)								
	9 51 2 With float glass panes of 5 mm thickness								
	For Guard Room	2	1.50	1.50		4.50			
	Ent Gate	2	0.90	1.20		2.16			
						6.66	Sqm	708.00	4715.00

SOR Item	Particular	No.	L	B	D/H	Qty	Unit	Rate	Amount
44	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts embedding hold fasts in cement concrete blocks with cement concrete 1 3 0 (1 cement 3 coarse sand 6 graded stone aggregate 20 mm nominal size) painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground within 50 metres lead								
17 9 1	Door chowkhats	32				32.00	Each	441 00	14112.00
45	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 1/2 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.,								
19 5 1	15 mm nominal outer dia Pipes	3	17 00			51.00	Mtr	133.00	6783.00
46	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 IS 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS 5382 leaving 10 mm gap for thermal expansion etc complete								
18 76 2	110 mm dia pipe	3	17 00			51.00	Mtr	267.00	13617.00
47	12 45 15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1 4 (1 cement 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0 50 sqm and above)								
12 45 2	Granite stone black								
	For Wash basin Area	2	5.60	0.60		6.72			
		2	5.60	0.12		1.34			



**DETAILED ESTIMATE FOR CC APPROACH ROAD FOR DEAF & DUMB SCHOOL,  
HOSTEL AT DINGAPUR, KORBA  
(LENGTH - 110 Mtr.)**

S no	SOR Item	Particular	No.	L	B	DTH	Qty	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
1	01	Excavation for Structures (Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of slumps and other deleterious matter, dress Ordinary soil Up to 3 m depth	1	110.00	3.75	0.30	123.75	Cum	146.00	12553.00
2	41	Granular Sub-base as per Table - 400-1 Construction of granular sub-base by providing graded Material, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface watering, rolling and compacting with vibratory power roller at OMC to achieve the desired density complete as per clause 401  A Plant mix method (with Mechanically crushed stone only) (a) For Lower Sub-base with (i) Grading-III Material	1	110.00	3.75	0.10	41.25	Cum	1423.00	58699.00
3	66	Providing and laying cement concrete for plain concrete/ reinforced concrete w/c form work, shuttering complete in as per drawings and specifications ( For Village roads)  (i) P C C M-10	1	110.00	3.75	0.10	41.25	Cum	2789.00	115046.00
4	31 (Bid SOR)	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.								
	315	1 1/2 3 (1 cement 1/2 coarse sand 3 graded stone aggregate 20mm nominal size)	1	110.00	3.75	0.20	82.50	Cum	4073.00	336023.00





**ESTIMATE FOR PROVIDING REPAIRING AND MAINTENANCE WORK  
IN PRAYAS SCHOOL KORBA, DISTT- KORBA, CHHATTISGARH**

S.N.	S.O.R.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
1	2.1	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)				
	2.1.1	Short Point				
	2.1.2	Modium Point	1	Point	210.00	210.00
2	2.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in surface FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	1	Point	340.00	340.00
	2.13.1	3 X 1.5 sq. mm In 20mm conduit				
	2.13.2	3 X 2.5 sq. mm In 20mm conduit	80	Metre	67.00	5360.00
3	2.16	Supplying and fixing of following sizes PVC casing capping along with accessories in surface complete as per specification and IS: 9537 (2000 Part 5).	60	Metre	87.00	5220.00
	2.16.3	32x16 mm				
4	5.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification.	80	Metre	32.00	2560.00
	5.4.1	5/6 amps one way switch	16	Each	69.00	1104.00
	5.4.5	3 pin 5/6 amp socket outlet	2	Each	96.00	192.00
5	5.4.8	Fan regulator (one module size) electronic stepped type moving all rounds	10	Each	186.00	1860.00
	5.4.22	Batten/ angle holder	5	Each	41.00	205.00
6	5.6	Providing and fixing composite unit for computer points having modular type 1 No 6 pin 16 amp socket outlet, 1 No 16 amp switch, 3 Nos 3 pin 6 amp socket outlets, 3 Nos 6 amp switches, suitable G.I. box, base and cover plates, earthing the sockets and switch box including etc. as per specification.	4	Each	816.00	3264.00
7	5.7	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts A.C. supply, complete as per specification.	22	Each	107.00	2354.00
	5.7.2	Deluxe				
8	6.5	Supplying and fixing of wall/ cabin fan including connection etc. as per specification. P.F. should be greater than 0.9	1	Each	1387.00	1387.00
	6.5.1	300 mm sweep				
9	6.8	Supplying, installation, testing and commissioning of following sizes fancy exhaust fan having built in louvers in existing opening in wall including earthing etc. complete as per specification. P.F. should be greater than 0.9	2	Each	1270.00	2540.00
	6.8.2	300 mm sweep				
10	6.17	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 $\geq$ 100 lumens /watt.	43	Each	215.00	9245.00
	6.17.5	12 Watt				
	6.17.6	15 Watt	22	Each	249.00	5478.00

11	6.19	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 $\geq$ 100 lumens /watt.				
	6.19.3	18/20 watt (4 feet)	8	Each	443.00	3544.00
12	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 $\geq$ 120 lumens /watt.				
	6.28.8	90 watt	14	Each	5531.00	77434.00
13	15.8	Supplying and laying following sizes one number FRLS PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.8.13	4 x 10 sq. mm.	70	Metre	115.00	8050.00
14	15.5	Supplying and laying following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.5.14	4 x 16 sq. mm.	130	Metre	126.00	16380.00
15	9.1	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu.				
	9.1.1	3 pole MCCB, 25-63A, Fixed Thermal Release, 10KA	1	Each	1483.00	1483.00
	9.26	Supplying and fixing sheet steel enclosure of suitable size made of 1.6mm thick CRCA MS sheet, for 100 amps MCCB on existing metal board/ wall including painting etc as per specification.	1	Each	434.00	434.00
	15.28	Supplying, fixing and cramping suitable size and all type aluminium ferrule/ lugs to following size 1.1 KV grade power cable core / lead, pressed with high pressure cramping tool including connection to switch gear/ MCCB etc as per specification. .				
	15.28.2	10 sq. mm	36	Each	18.00	648.00
	15.28.3	16 sq. mm	18	Each	19.00	342.00
16	19.16	Supplying and fixing water tight terminal box made of 1.6mm thick M.S. sheet with detachable gland plate in bottom, hinged front open able cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 40x3mm M.S. flat with 2 No nut bolt dully painted with 2 coat of red oxide paint and 2 coat aluminium paint complete as per specification.				
	19.16.1	20x15x15 cms.	11	Each	699.00	7689.00
	19.3	Supply of swaged steel tubular pole as per IS 2713 with base plate of size 300x300x6mm welded at bottom, necessary hole for cable entry and earthing stud welded at specified height including painting with one coat of red oxide zinc chromate primer.				
17	19.3.9	Designation 410 SP-28 height 9.00 metre	11	Each	7168.00	78848.00

18	19.4	Supply of GI PIPE POLE made of "B" class GI pipe making necessary hole for cable entry and providing earthing stud (welded at specified height) including painting with one coat of red oxide zinc chromate primer.				
	19.4.1	50 mm dia	11	Metre	308.00	4378.00
19	19.5	Providing and welding M.S. base plate of size 300x300x3mm at bottom of GI/MS pipe pole.	11	Each	108.00	11826.00
20	19.9	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at an angle of 102.50 including having MS triangular stiffener of size 150 X 50 X 5 mm thick, making arrangement for lightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc. as per specification.				
	19.9.2	Single Over Hang 1.00 metre Long	11	Each	1057.00	11627.00
21	19.13	Providing and making suitable CC pole collar (muffing) in Cement Concrete 1:3:6 (1 cement, 3 coarse sand & 6 graded stone aggregate 20 mm nominal size) of size 0.4 m dia and 0.4 m height from existing CC foundation.	11	Each	251.00	2761.00
22	12.3	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and IS Code 3043 1987(R 2016)	1	Set	8209.00	6209.00
23	12.4	Supplying and laying 8 SWG copper wire at 0.50 metre below ground level for conductor earth electrode, including soldering etc. as per specification.	26	Metre	77.00	2002.00
24	30.1	Earth work in all type soil except soft rock / hard rock with all lead and 1.5 metre lift, dressing, stacking excavated strata including refilling of excavated soil in trench / pit to ground level complete as per specification.	4.5	cum	168.00	756.00
					Total Rs.-	265730.00
					Say Rs.	265700.00

**SUB ENGINEER**  
P.W.D ( E/M )  
SUB DIVISION KORBA

**SUB DIVISIONAL OFFICER**  
P.W.D ( E/M )  
SUB DIVISION KORBA

**EXECUTIVE ENGINEER**  
P.W.D ( E/M )  
DIVISION BILASPUR