

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

कोरबा दिनांक 19.05.2026

फा.क. 508 / 2026

सिस्टम टेंडर नं. 191293

ई-निविदा आमंत्रण सूचना

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

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि
2. निविदा खुलने की अंतिम तिथि

12.06.2026 सायंकाल से 3.00 बजे तक

12.06.2026 सायंकाल 4.00 बजे से

क.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	नगर पालिका निगम, कोरबा क्षेत्रांतर्गत वार्ड क्र. 18 कोहड़िया में मुक्तिधाम निर्माण एवं विकास कार्य (सीएसआर मद)	48.61	36500/-	06 माह	1500/-	वर्ग डी एवं प्रवर श्रेणी	12.06.2026 से

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 जावेगी
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 (पार्टनरशिप 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 डिमांड ड्राफ्ट एवं धरोहर 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, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसावाड़ी पिन- 495677 कोरबा 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 पश्चात् का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. 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 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 (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 निविदाकार 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।
6. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 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 ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल 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, 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।
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 निर्णय अंतिम एवं सर्वमान्य होगा।
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, कोरबा 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 बजट आबंटन 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।

कार्यप्रधान अभियंता
नगर पालिक निगम
कोरबा (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		19.05.2026	15.30	19.05.2026	15.30	Release Tender
2		Bid Submission	19.05.2026	15.30	10.06.2026	17.30	
3		Physical Document Submission	19.05.2026	15.30	12.06.2026	15.00	
4	Tender Open		12.06.2026	16.00	--	--	


Executive Engineer
KORBA (CG)
For, Commissioner Korba (C.G.)

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

DETAILED ESTIMATE

Name of work: - Construction of 2 NOS Cremation Shed near muktidham ward no
18 KOHDIYA

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


S. N.	SOR Ref.	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT	
1	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	In all types of soil									
		column	10	1.50	1.50	1.50	33.75				
			5	4.70	0.60	0.60	8.46				
			3	2.60	0.60	0.60	2.81				
			3	3.20	0.60	0.60	3.46				
			3	3.00	0.60	0.60	3.24				
						Total	51.71	Cum	185.00	9567.09	
2	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:									
	1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
		Raft	10	4	1.30	0.30	15.60				
		footing	10	4	0.60	0.60	14.40				
		column below plinth	10	2	0.300	1.10	6.60				
			10	2	0.200	1.10	4.40				
		plinth beam	2	2	12.400	0.30	14.88				
			5	2	6.400	0.30	19.20				
							Total	75.08	Sqm	139.00	10436.12
	5	Columns, Pillars, Piers and likes- rectangular or square in shape									
			10	1		3.3	33				
		10	1		0.6	6					
						Total	39.00	sqm	297.00	11583.00	
7		Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in									
		SLAB	1	12.60	6.80		85.68				
			2	12.70	0.125		3.18				

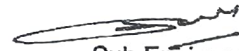
		2	10.90	0.125		2.73			
		1	10.40	0.600		6.24			
					Total	97.82	sqm	235.00	22987.70
8	Beams, lintels, cantilevers & walls								
	TOP	4	12.40	0.20		9.92			
		6	10.60	0.20		12.72			
		2	3.20	0.20		1.28			
		4	1.90	0.20		1.52			
	latken beam	4	6.00	0.50		12.00			
		2	6.00	0.20		2.40			
					Total	39.84	sqm	202.00	8047.68
3	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.								
	column	10	1.50	1.50	0.10	2.25			
		5	4.70	0.60	0.10	1.41			
		3	2.60	0.60	0.10	0.47			
		3	3.20	0.60	0.10	0.58			
		3	3.00	0.60	0.10	0.54			
	filling under floor	1	12.00	6.00	0.40	28.80			
					Total	34.04	Cum	371.00	12630.32
4	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								
	3 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
	column	10	1.50	1.50	0.10	2.25			
		5	4.70	0.60	0.10	1.41			
		3	2.60	0.60	0.10	0.47			
		3	3.20	0.60	0.10	0.58			
		3	3.00	0.60	0.10	0.54			
	filling under floor	1	12.00	6.00	0.10	7.20			
						0.50			
					Total	12.94	Cum	2659.00	34418.10
5	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and								
					Total	51.71	Cum	65.00	3361.41

						Total =	65.28	Cum	242.00	15797.76
9	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS.12894-2002 of class designation 4.0 in								
	3	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
			3	11.60	0.20	0.90	6.26			
			4	9.70	0.20	0.90	6.98			
			1	3.20	0.20	0.90	0.58			
			2	1.90	0.20	0.90	0.68			
			4	9.70	0.20	2.90	22.50			
		boundary wall	1	3.20	0.20	2.90	1.86			
			2	1.90	0.20	2.90	2.20			
			2	12.40	0.20	0.60	2.98			
			2	10.60	0.30	0.60	3.82			
		STEPS	3	4.50	0.90	0.20	2.43			
			3	4.50	0.60	0.20	1.62			
			3	4.50	0.30	0.20	0.81			
						Total	52.72	Cum	3263.00	172038.41
12	12.49	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
	1									
			1	12.20	6.80		82.96			
						Total	82.96	sqm	897.00	74415.12
13	12.7	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								
	2	Size above 200x300mm								
			4	3.20		1.00	12.80			
			4	4.00		1.00	16.00			
						Total	28.80	sqm	587.00	16905.60

	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 suitable pigment etc.											
		1 Size 300x300mm	1	3.20	4.00		12.80						
							Total	12.80	sqm	692.00		8857.60	
15	12.46	15 mm thick Table rubbed polished Granite stone slab in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m).											
		1 Granite stone grey/pink											
		STEPS	3	4.50	0.70		9.45						
							Total	9.45	sqm	1869.00		17662.05	
							=						
18	11.1	Providing and making 6mm thick cement plaster of mix											
		2 In Cement mortar 1:4 (1 cement : 4 fine sand)											
			1	12.4	10.60		131.44						
			4	1.80	0.60		4.32						
							Total	135.76	sqm	87.00		11811.12	
19	11.2	Providing and making 12mm thick cement plaster of mix											
		4 In Cement Mortar 1:6 (1 cement : 6 fine sand)											
			2	12.40		4.75	117.80						
			2	10.60		6.20	131.44						
			-2	1.80		1.20	-4.32						
							Total	244.92	sqm	91.50		22410.18	
20	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:											
		4 In Cement Mortar 1:6 (1 cement : 6 fine sand)											
			4	12.00		3.30	158.40						
			2	10.20		3.30	67.32						
			4	4.00		3.30	52.80						
			2	3.20		3.30	21.12						
			4	1.90		3.30	25.08						

			-3	0.90		2.10	-5.67			
			-2	0.80		2.10	-3.36			
			-3	1.50		1.20	-5.40			
22	14.1	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.				Total	490.29	sqm	107.00	52461.03
							626.05	sqm	44.50	27859.23
	1	On new work (Two or more coats)								
23	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per					456.92	sqm	56.00	25587.52
	1	On new work (Two or more coats)								
35	14.22	Painting on new work (two or more coats) to give an even shade with:								
	2	Premium synthetic enamel paint	6	3.90	2.10		49.14			
			6	3.50	2.10		44.10			
			5	0.90	0.60		2.70			
						Total	95.94	sqm	47.00	4509.18
									TOTAL=	836344.00
									ELECTRIFICATION	35211.00
									TOTAL=	871555.00
									FOR TWO NOS	1743109.99
									SAY RS.=	1743000.00


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


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)

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

DETAILED ESTIMATE

Name of work :

As per SOR: Schedule of rates public works department [PWD ELECTRICAL-01-06-2020] PART- B

S. N.	SOR Ref.	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	1.1	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 concealed 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)								
	1	Short Point	10				10	Point	240.00	2400.00
	2	Medium Point	7				7	Point	376.00	2632.00
2	1.3	Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with piano type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of phenolic laminated sheet and M.S. box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	1				1.00	Point	87.00	87.00
3	1.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)								
	4.13.2	3 X 2.5 sq. mm in 20mm conduit	3	40.00			120.00	Metre	111.00	13320.00

	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. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above, IS: 374:2019 including all amendments.								
	3	1400 mm sweep	3				3	Each	1773.00	5319.00
5	6.15	Supplying, installation, testing and commissioning of following LED fitting (luminaries) Panel Light in round/ square shape complete with electronic driver heat sink capacitor and all other accessories on surface/ in false ceiling etc. as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 100 lumens /watt.								
	8.22.5	12 Watt	5				5.00	Each	588.00	2940.00
	8.22.6	15 Watt	5				5.00	Each	679.00	3395.00
6	5.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification.								
	5.1.1	5/6 amps one way switch	2				2.00	Each	25.00	50.00
	5.1.4	15/16 amps switch	6				6.00	Each	59.00	354.00
	5.1.5	3 pin 5/6 amp socket outlet	8				8.00	Each	42.00	336.00
	5.1.6	6 pin 15/16 amp socket outlet	4				4.00	Each	73.00	292.00
	5.1.7	Plug Top 3 pin 5/6 Amps (For light plug).	4				4.00	Each	38.00	152.00
	5.1.8	Plug Top 3 pin 16 Amps (For power plug).	2				2.00	Each	51.00	102.00
	5.1.12	Fan regulator Electronic, step type moving all round	3				3.00	Each	130.00	390.00
	5.1.13	Ceiling rose 3 pin 5 amps	3				3.00	Each	32.00	96.00
	5.1.15	Batten/ angle holder	10				10.00	Each	38.00	380.00

9.1	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu.							
11.17.2	3 pole MCCB, 25-63A, Fixed Thermal Release, 10KA	2			2.00	Each	1483.00	2966.00
TOTAL =								35211.00

say rs.=



		4	4.40	0.20	0.20	0.70			
	chajja	1	4.40	0.600	0.10	0.26			
		1	1.800	0.600	0.100	0.11			
		4	0.200	0.300	0.600	0.14			
	slab	1	4.800	4.800	0.125	2.88			
					Total	4.80	Cum	4260.50	20467.44
7	3.4					0.00	Cum	97.50	
	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for								
8	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								
		100		9.02		901.60			
					Total	901.60	kg	54.50	49137.20
	1.19								
	Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. Complete								
		1	4.40	4.00	0.80	14.08			
					Total	14.08	Cum	242.00	3407.36
					=				
9	7.5								
	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in								
	3								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		4	4.00	0.20	0.90	2.88			
		4	4.00	0.20	2.90	9.28			
	PARAPET	4	4.40	0.20	0.60	2.11			
	STEPS	3	4.50	0.90	0.20	2.43			
		3	4.50	0.60	0.20	1.62			
		3	4.50	0.30	0.20	0.81			
					Total	19.13	Cum	3263.00	62427.72
12	12.49								
	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
		1							

CONSTRUCTION OF GUARD ROOM

S. No	S.O.R. ITEM NO	Item	Nos	L.	B.	H/D	Quantity	Unit	Rates	Amount
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
		Plot area	1	4	4	-	16			
						Total	16	sqm.	7.2	115.00
2	1.1.1	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. In all Type of Soil.								
		For Main Column A								
		F1	4	1.5	1.5	1.5	13.5			
						Total	13.5	cum.	185	2498.00
3	1.6	Extra for every additional lift of 1.5 m or part there of All types of soil								
		For Main Column A								
		F1	4	1.5	1.5	0.3	2.7			
						Total	2.7	cum.	26.5	72.00
4	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.								
		For Main Column A								
		F1	4	1.50	1.50	0.1	0.9			
		Building	1	3.00	3.00	0.6	5.4			
						Total Qty.	6.3	cum.	371	2337.30
5	3.1.3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1 3:6 (1 cement 3 coarse sand .6 graded stone aggregate 40 mm nominal size.								
		For Main Column A								
		F1	4	1.4	1.4	0.10	0.784			
		floor area	4	3.0	3.0	0.10	3.6			
						Total	4.384	cum.	2970	13020.00

6	3.2.1	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).							
		Footing F1/C1	4	1.30	1.30	0.35	2.366		
		for column up to plinth lvl.							
		For Main Column A	4	0.20	0.30	1.25	0.3		
		ground beam ,plinth beam size:GB2 (200*300)							
			4	3.0	0.20	0.3	0.72		
						TOATAL	3.386	cum.	4163 14096.00
		Column A	4	0.20	0.30	3.00	0.72		
		lintel beam							
		Size -200*200	1	3.00	0.20	0.20	0.6		
		chhajja							
		W1+D1	1	3.00	0.60	0.10	0.18		
		v1	1	0.90	0.60	0.10	0.054		
		SLAB BEAM					0.72		
		size:200*400							
		SLAB DETAILS	4	3.00	0.20	0.40			
		BUILDING AREA	1	3.00	3.00	0.12	1.08		
		platform	1	3.00	0.45	0.10	0.135		
						Total	3.489		
		Dedection Slab beam	4	3.0	0.2	0.12	0.288		
							0.288		
						Total	3.201	CUM	4163 13325.76
7	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:							
		same quantity					3.201	CUM	97.5 312.10
8	3.12.1	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: hermo-Mechanically Treated (TMT) Bars					3.201		
		100 Kg / cum. of R.c.c. work					320.1	KG	54.5 17445.00
9	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels,							
	2.1.1	Foundations, footings, base of columns, plinth beam,Curtain Wall in any shape and size and all type of wall below plinth level							
		For Main Column A	4	5.20	-	0.35	7.28		
		for column up to plinth lvl.							
		For Main Column A	4	1.00	-	1.65	6.6		
		Ground beam , Plinth beam							

		size:GB2 (200*300)							
			4	3.00	-	0.70	8.4		
			4	3.00	-	0.60	7.2		
						Total	29.48	sqm.	139 4098.00
10	2.1.5	columns,Pillars, piers and likes-rectangulay or square in shape in size. for column up to slab lvl.+Prapet lvl For Main Column A	4	0.80	-	3	9.6		
						Total	9.6	sqm.	297 2851.00
11	2.1.13	Weather shade chhajja ,cornices and mouldings. chhajja	-	-	-	-	-		
		W1	1	3.00	0.70	-	2.1		
		v1	1	0.90	0.70	-	0.63		
		SIDE	4	3.90	0.10	-	1.56		
						Total	4.29	sqm.	294 1261.00
12	2.1.8	Beams ,Lintels, Cantilevers & walls intel beam	1	3.00	-	0.60	1.8		
		Slab Beam size:200*400	4	3.00	-	1.00	12		
						Total	13.8	Sqm.	202 2788.00
13	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) Building Area	1	3.00	3.00	-	9		
						Total	9	sqm.	235 2115.00
14	7.5.4	Brick work with modular FLY ASH lime bricks (Falg brick) confirming to ISI 12894:2002 of class designation 40 in foundation and plinth in:Cement Mortar 1:6 (1 cement : 6 coarse sand) UP TO GD BEAM	1	3.00	0.20	0.45	0.27		
						Total	0.27	cum.	3263 881.00
15	7.5.4	Brick work with modular FLY ASH lime bricks (flag brick) confirming to ISI 12894:2002 of class designation 40 in foundation and plinth in:Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)+ Extra for brick work in superstructure above plinth level for every floor or part therof in additional to rate for foundation and plinth: UP TO SLAB BEAM PERPIT WALL	4	3.00	0.20	2.60	6.24		
			4	3.00	0.20	0.30	0.72		
						Total	6.96		
		Deduction	1	1.00	0.20	2.40	0.48		
		D1	1	1.50	0.20	1.50	0.45		
		W1	1	0.90	0.20	0.60	0.108		
		V1				(-)	1.038		

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

Name of work:- TOILET

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

S.N.	SOR Ref.	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	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	In all types of soil								
			4	1.20	1.20	1.20	6.91			
			4	2.60	0.60	0.60	3.74			
						Total=	10.66	Cum	185.00	1971.36
2	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			4	0.50	0.30		0.60			
			4	0.20	0.6		0.48			
			4	0.30	0.6		0.72			
			8	2.60	0.300		6.24			
						Total=	8.04	Sqm	139.00	1117.56
	5	Columns, Pillars, Piers and likes-rectangular or square in shape								
			8	0.20		3.30	5.28			
			8	0.30		3.30	7.92			
						Total=	13.20	sqm	297.00	3920.40
	7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
			1	3.00	3.00		9.00			
						Total=	9.00	sqm	235.00	2115.00
	8	Beams, lintels, cantilevers & walls								
		16	2.60	0.300		12.48				
					Total=	12.48	sqm	202.00	2520.96	


3	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.											
			4	1.20	1.20	0.10	0.58						
			1	3.00	2.80	0.20	1.68						
								Total=	2.26	Cum	371.00	836.98	
4	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	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).											
			4	1.20	1.20	0.10	0.58						
			4	2.60	0.60	0.10	0.62						
			1	2.60	2.60	0.10	0.68						
							Total=	1.88	Cum	2659.00	4988.28		
5	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.											
								10.66					
							Total=	10.66	Cum	65.00	692.64		
6	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.											
	1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).											
		COLUMN	4	1.10	1.10	0.25	1.21						
		FOOTING	4	0.50	0.50	0.30	0.30						
			4	0.20	0.30	1.00	0.24						
			4	2.60	0.20	0.30	0.62						
			4	2.60	0.20	0.30	0.62						
			4	0.20	0.30	3.30	0.79						
		SLAB	1	3.00	3.00	0.13	1.13						
			2	3.00	0.60	0.10	0.36						
			4	1.40	0.20	0.30	0.34						
			2	3.10	0.20	0.30	0.37						
								Total=	5.98	Cum	4163.00	24907.23	

7	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					0.00	Cum	97.50	
8	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:								
	1	Thermo-Mechanically treated bars FE 415								
			1	100	5.98		598.30			
						Total=	598.30	kg	54.50	32607.35
9	7.5	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:								
	3	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
			4	2.60	0.20	0.60	1.25			
			3	2.60	0.20	3.30	5.15			
						Total=	6.40	Cum	3263.00	20870.15
10	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.								
	5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			2	3.00	1.50	0.10	0.90			
						Total=	0.90	Cum	4073.00	3665.70
11	12.7	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.								
	2	Size above 200x300mm								
			4	2.80		2.10	23.52			
						Total=	23.52	sqm	587.00	13806.24

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

5	19.4	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 testing of joints complete as per direction of Engineer in Charge.							
	1	15 mm nominal outer dia .Pipes.				200.00	metre	110.00	22000.00
	4	32 mm nominal outer dia .Pipes.				150.00	metre	271.00	40650.00
	20.6	Providing, lowering, laying, aligning, fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sewer application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer.							
		100 mm dia	2	9.5		19.00	M	366.00	6954.00
7	19.1	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:							
	6	Stop cock (concealed) (600 grams				10.00	each	494.00	4940.00
TOTAL =									74544.00

	5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).										
			1	120.00	0.20	0.05	1.20					
							Total	1.20	Cum	4073.00	4887.60	
11	11.2	Providing and making 12mm thick cement plaster of mix										
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)										
			1	120.00		1.80	216.00					
							Total	216.00	sqm	91.50	19764.00	
12	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:										
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)										
			1	120.00		1.80	216.00					
							Total	273.00	sqm	107.00	29211.00	
13	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.						2069.00	sqm	41.00	84829.00	
	1	On new work (Two or more coats)										
		Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying										
		gate						430.00				
								430.00		88.50	38055.00	
										TOTAL=	653333.37	


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


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

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

LIGHTING						
Sl.No.	SOR No.	Description	unit	Qty	Rate	Amount
1	19.6	Supply of hot dipped galvanized (in single dip to minimum 75 micron) octagonal pole made of 3mm thick steel grade E-350 sheet having window and flush cover with locking arrangement at suitable height from base for cable termination block, pole suitably reinforced with welded steel section at window cut section to make the strength of pole unaffected, with following minimum specifications with 4 way terminal connector including 3mm thick anchor plate, 4 nos 16mm dia foundation bolts of EN8 grade, and as per IS 2062 & BS EN: 10025. (designed for wind speed upto 180km/hr, IS: 875 Part 3)				
	19.6.2	4 metre high, dia 130mm at bottom and 75mm at top, base plate size 200x200x12mm, foundation bolts 450mm long	Each	5.00	5942.00	29710.00
2	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 a angle of 102.50 including having MS triangular stiffner of size 150 X 50 X 5 mm thick, making arrangement for tightening 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.				
	19.9.7	Double Over Hang 1.50 metre Long	Each	5.00	1869.00	9345.00
3	19.11	Erection of GI octagonal/ tubular/conical pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as per specification.				
	19.11.2	4 metre high	Each	5.00	604.00	3020.00
4	32.7	Supplying following sizes FRLS PVC insulated , PVC sheathed, steel armoured, aluminum conductor power cable of 1.1 KV grade and as per IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1)				
	32.7.9	3 x 25 sq. mm	Metre	90	97	8730.00

5	19.12	Designing and providing suitable RCC foundation in Cement Concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) for 3 mere to 12 metre high GI octagonal pole including steel reinforcement form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc. as per specification.				
		TOTAL pole (0.8x.8x 8x 8) at Every 20 mtr	cum	2.00	5219	10438.00
6	14.2	Supplying and laying HDPE pipe of 4kg/Sqcm in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification.				
	14.2.1	63 mm outer dia	Metre	90	124	11160.00
8	15.1	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.1.24	4 x 25 sq. mm.	Metre	90.00	321	28890.00
9	15.23	Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as per specification. .				
	15.23.25	4 X 25 sq. mm (25 mm)	Each	3.00	104.00	312.00
10	12.1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as per specification and IS Code 3043: 1987(R 2016)	Set	1.00	3243.00	3243.00
11	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)	Set	1.00	6209.00	6209.00
12	12.12	Supplying and laying 6 SWG G I wire at 0.50 metre below ground level for conductor earth electrode, including soldering, excavation and refilling the trench etc. as per specification.	Metre	20.00	36.00	720.00

13	7.19	Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS powder coated sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars, switchgears and other accessories etc				
	7.19.1	Upto 300 mm deep	sqm	1.00	6818.00	6818.00
13	7.20	Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) aluminium bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and shape insulators, necessary bolts and nuts etc complete as per specification.				
	7.20.1	100 amp (20x3mm)	Metre	5.00	717.00	3585.00
14	7.15	Providing and making interconnection in cubical panel between BBC and switchgears with following size FRLS PVC insulated aluminium conductor wire lead of length upto 50cm including providing aluminium thimbles on both ends as per specification (To be measured separately for each phase/ neutral).				
	7.15.2	16 sqmm (63 amp)	Each	1.00	55.00	55.00
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.				
	9.1.4	3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA	Each	2.00	3734.00	7468.00
16	9.11	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
	9.11.2	6 amps to 32 amps	Each	8.00	148.00	1184.00
17	9.12	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.				
	9.12.2	6 amps to 32 amps	Each	5.00	411.00	2055.00
		LED FOR POLE				

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

Name of work: -LAND SCAPING AND PARKING

S.No.	S.O. R.N O	Description of Item	No.	L	B.	D./H.	Qty.	Unit	Rate	Amount
		SOR ITEMS								
1	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 Flower bed Wall Along Boundry Wall	1	150.00	0.30	0.30	13.50			
			100	0.60	0.90	1.80	97.20			
			1	200.00	1.80	0.20	72.00			
							182.70	cum	185.00	33799.50
2	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.								
			1	50.00	4.00	0.10	20.00			
							20.00	cum	371.00	7420.00
3	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). foot path								
			1	220.00	1.80	0.10	39.60			

12	11.1	Maintenance of Lawns or Turfing of Slopes (Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc.)								
			1.00	20.00	20.00		400.00	SQM	131.00	52400.00
13	11.2(B)	Maintenance of Hedge for one year								
		FOR THREE YEAR	1.00	120.00			120.00	Meter	138.00	16560.00
		Buil ding								
14	22.2	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 10 km (earth measured in stacks will be reduced by 20% for payment).								
		Garden Area	1.00	80.00	40.00	0.20	640.00			
		85% of EARTH				75%	480.00	cum	201.00	96480.00
15	22.4	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage upto 10 km (manure measured in stacks will be reduced by 8% for payment) :								
		15% of cow dung				25%	160.00	cum	236.00	37760.00
16	22.8	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).								
		Earth For Garden					480.00			
		Sludge For Garden					40.00			
							520.00	cum	17.50	9100.00

17	12.8	Providing and fixing plain cement concrete fibre reinforced heavy duty designer glazed floor tiles with uniform colour (for coloured tiles) and texture conforming to IS: 1237 (for abrasion wear) and IS : 516 (for compressive strength) of approved make, colours, shades and size on cement Mortar bed and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.									
		On floor, steps and risers over 20mm thick bed of cement Mortar	1.00	200.00	1.80		360.00	sqm	905.00	325800.00	
Road S.O.R									TOTAL- A	1358772.30	
			TO SAY - A+B								1358772.30


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


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

"BOREWELL WITH PUMP"

S.No.	PARTICULAR	"BOREWELL WITH PUMP"							
		NO.	L	B	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful points payable)								
	(BUILDING SOR ITEM NO. 21.17/201)	1				1	PT.	1502.00	1502.00
2	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level.								
	(a) All Types of soil								
	200 mm dia								
	(BUILDING SOR ITEM NO. 21.1.1.4/198)								
		1	30.00			30.00	RMT	371.00	11130.00
	(b) Rocky strata including Boulders								
	200 mm dia								
	(BUILDING SOR ITEM NO. 21.1.2.4/198)								
		1	50.00			50.00	RMT	457.00	22850.00

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

Name of work: -LAND SCAPING AND PARKING

S.No.	S.O. R.N O	Description of Item	No.	L	B.	D./H.	Qty.	Unit	Rate	Amount
		SOR ITEMS								
1	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 Flower bed Wall Along Boundry Wall	1	150.00	0.30	0.30	13.50			
			100	0.60	0.90	1.80	97.20			
			1	200.00	1.80	0.20	72.00			
							182.70	cum	185.00	33799.50
2	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.								
			1	50.00	4.00	0.10	20.00			
							20.00	cum	371.00	7420.00
3	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).								
		foot path	1	220.00	1.80	0.10	39.60			

12	11.1	Maintenance of Lawns or Turfing of Slopes (Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc.)								
			1.00	20.00	20.00		400.00	SQM	131.00	52400.00
13	11.2(B)	Maintenance of Hedge for one year								
		FOR THREE YEAR	1.00	120.00			120.00	Meter	138.00	16560.00
	Builing									
14	22.2	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 10 km (earth measured in stacks will be reduced by 20% for payment).								
		Garden Area	1.00	80.00	40.00	0.20	640.00			
		85% of EARTH				75%	480.00	cum	201.00	96480.00
15	22.4	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage upto 10 km (manure measured in stacks will be reduced by 8% for payment) :								
		15% of cow dung				25%	160.00	cum	236.00	37760.00
16	22.8	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).								
		Earth For Garden					480.00			
		Sludge For Garden					40.00			
							520.00	cum	17.50	9100.00

3	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/ plain ended casing pipes of required dia, conforming to IS: 4270, of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.								
	21.7.4 200 mm nominal dia								
	(BUILDING SOR ITEM NO. 21.7/199)								
		1	30.00			30.00	RMT	1477.00	31017.00
4	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:								
	21.11.4 200mm dia								
	(BUILDING SOR ITEM NO. 21.11/200)								
		1				1	EACH	240.00	240.00
5	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tube well as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.								
	21.12.4 200mm clamp								
	(BUILDING SOR ITEM NO. 21.12/200)								
		1				1	EACH	1199.00	1199.00
6	Supplying & Installation of Energy efficient five star BEE rating ISI Marked required capacity of Three Phase, 50 Hz, 415V, deep well submersible pump Steel body, suitable for 6"tube well with Control Panel Starter suitable for Submersible pump								
	(I) 3 HP with 6 stages, head MT. 55-7 discharge 60-510								
	3 Hp Pump								
	(PHE SOR ITEM NO.-34.20.106/353/2020)	1				1	EACH	36173.00	36173.00

	Above 300 mm and upto 450 mm deep	1	0.6	0.45		0.270			
						0.270	sqm	7525.00	2031.75
11	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.								
	3 pole MCCB, 25-63A, Fixed Thermal Release, 10KA					10	each	1483.00	14830.00
(For One Nos) Total Rs=.									146322.75
Say rs.=									146000.00



 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


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

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

Name of work:-RAIN WATER HARVESTING

S.No.	S.O. R.N O	Description of Item	No.	L	B.	D./H.	Qty.	Unit	Rate	Amount
		SOR ITEMS								
1	1.1	Providing and making of Rain water harvesting size of 1.8x1.5x1.8 m including excavation ,filling of graded materials ,in put pipe line and over flow complete as per direction of engineer incharge.	1				1.00	job	15000	15000.00
Total=										15000.00


 Sub Engineer
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 Korba (C.G.)


 Asst. Engineer
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