

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क्र. 125 / निर्माण / 2023

सिस्टम टेंडर नं. 151509

कोरबा दिनांक 12.01.2024

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, 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 फार्म A में निविदा आमंत्रित की जाती है।

क्र	कार्य का नाम	प्राक्कलन राशि (लाख में)	घरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (DD)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क्र 22 अंतर्गत कटहल मार्ग का सौंदर्यीकरण एवं विकास कार्य 3 वर्ष मरम्मत एवं संधारण के साथ	55.00	41500/-	6 माह	3000.00	वर्ग डी एवं प्रवर श्रेणी	06.02.2024 से

शर्तें

- निविदा दरे प्रवर्तित 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।
- 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।
- इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की साथ प्रतिलिपि, उपलब्ध तकनीकी अगले 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 गविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं घरोहर राशि FDR/TDR, शपथपत्र का रकेन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का DD एवं शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से निविदा खुलने की तिथि में दोपहर 3.00 बजे तक आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई. चौक रामपुर को साबाडी पिन- 495677 कोरबा को उपलब्ध कराना अनिवार्य होगा।
 - 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 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 DD 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 रिजर्विटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। उद्यान में सिविल निर्माण कार्यों के साथ साथ पौधों की सुरक्षा एवं रख रखाव का कार्य भी 3 वर्षों तक ठेकेदार को करना आवश्यक होगा।
- जिन निविदाकारों द्वारा कर्मचारी गविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
- निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 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।
- ईट से संबंधित निर्माण कार्यों में प्लाई एंड ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- प्रयुक्त लोहा का विल एव टैरट रिपोर्ट तथा प्रयुक्त सीमेंट का विल संलग्न करना अनिवार्य होगा।
- निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य 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।
- निविदा अहस्तातरणीय होगा एवं शर्त निविदाओं पर विचार नहीं किया जावेगा।
- निविदा प्रपत्र फार्म ए की कडिका 11 अनुसार एस्कलेशन देय नहीं होगा।
- निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
- निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
- उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।

प्रतिलिपि

कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

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		12.01.2024	18.30	12.01.2024	18.30	Release Tender
2		Bid Submission	12.01.2024	18.30	05.01.2024	17.30	
3		Physical Document Submission	12.01.2024	18.30	06.02.2024	15.00	
4	Tender Open		06.02.2024	16.00	--	--	


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

ORGANIZATION NAME Urban Administration and Development Department (UADD)
 TENDER NO 151509
 NUMBER OF ITEMS ALREADY 1
 ATTACHED
 CURRENCY INR - INDIAN RUPEE
 NIT TYPE RESTRICTED TENDER
 VENDOR CLASS A, B, C, D
 PROBABLE AMOUNT OF 5515376.00
 CONTRACT (PAC) [INR]
 DIVISION / DISTRICT MUNICIPAL CORPORATION, KORBA
 NAME
 DESCRIPTION P.N/ 125/Const./ Kosabadi Zone/ 2023/KMC
 DETAILED DESCRIPTION Development of Kathal Garden at Ward No. 22 with 3 years maintenance under NCAP
 IS AUCTION ENABLED? N
 NUMBER OF BID PART(S) 2
 TENDER/NIT HEADER DETAIL
 PROCUREMENT CATEGORY WORKS
 TENDER DEALING OFFICER - MANORANJAN SARKAR (EE)
 MATCHING NO
 TENDER CATEGORY PERCENTAGE
 OFFICE/DIVISION (PWD) COMMISSINOR, MUNICIPAL CORPORATION, KORBA
 NAME TENDER SECTION
 SECTION/CIRCLE (PWD)
 NAME
 BID PART NUMBER 1

ATTRIBUTE(S)

ATTRIBUTE NAME	ATTRIBUTE VALUE
BID VALIDITY PERIOD (in days)	120
Tender / Work Completion Time (in months)	6 (VALUE)
Required Past Technical Experience	As per tender document /NiT
Required Financial Turnover (in INR)	AS PER NIT
Required Bid Capacity (in INR)	AS PER NIT

PAYMENT DETAILS

DETAILS	
Tender/Processing/Bid	N/A
Fees	
EMD/Bid Security	41500.00 INR

DATE-TIME DETAIL(S)

BID SUBMISSION START Jan 12, 2024 07:30:00:PM BID DUE DATE Feb 5, 2024 05:30:40:PM
 DATE
 BID OPEN DATE Feb 6, 2024 04:00:06:PM PHYSICAL DOC SUBMISSION Feb 6, 2024 03:00:15:PM
 (SCHEDULED) END DATE

PRE-BID DISCUSSION DETAILS

PRE-BID DISCUSSION NOT REQUIRED

ALTERNATE BID DECRYPTOR(S)

USER DETAILS
MR BUYER ADMIN (DFLT)
- MANORANJAN SARKAR (DFLT)
- Mitresh Verma (DFLT)
- Ramkumar Maheshwari (DFLT)
- ARUN KUMAR SHARMA (DFLT)
- Bhushan Ram Oraon (DFLT)

TERM AND CONDITION DETAIL(S) - SPECIAL TERM(S)

SL. NO.	CATEGORY	DESCRIPTION
1	SPECIAL TERM(S)	SPECIAL TERM(S) As per tender document /NiT

TENDER SPECIFIC REQUIRED ATTACHMENT(S)

Envelop B

SL. NO.	SUPPORTING DOCUMENT NAME	MANDATORY	ALLOW EXEMPTION	GROUP
1	PARTNERSHIPDEED/MOA OFCOMPANY (IFREQUIRED)	YES	NO	OTHER
2	DECLARATION FOR NOT BEINGBLACK LISTED	YES	NO	OTHER
3	LIST OFTECHNICALSTAFFDETAIL	YES	NO	OTHER
4	GST CERTIFICATEFROMCHHATTISGARH	YES	NO	OTHER
5	DECLARATIONFOR NOT ABOVE TOTAL WORK OF REGISTRAXION CAPACITY	YES	NO	OTHER
7	REGISTRATIONCERTIFICATE (ANY GOVTDEPTINCHHATTISGARH	YES	NO	OTHER
8	INCOMETAXCLEARANCECERTIFICATE	YES	NO	OTHER
9	ANY OTHER REQUIRED DOCUMENT IN NIT	YES	NO	OTHER

DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIKA NIGAM KORBA (D.G.)

CONSTRUCTION OF GUARD ROOM

S. No.	S.O.P. 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 load upto 50m (at least 5m away from the dressed area)								
		Plot area	1	4	4	-	16			
						Total	16	sqm.	7.20	115.00
2	1.1.1	Excavation for all types and sizes of For Main Column A								
		F1	4	1.5	1.5	1.8	16.2			
						Total	16.2	cum.	185	2997.00
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	0.7	6.3			
					Total Qty.		7.2	cum.	371	2671.20
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	1	3.0	3.0	0.10	0.9			
						Total	1.684	cum.	2970	5001.00
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	1.55	0.372			
		ground beam ,plinth beam size:GB2 (200*300)	4	3.0	0.20	0.3	0.72			
						TOATAL	3.458	cum.	4163	14396.00
		Column A	4	0.20	0.30	3.00	0.72			

		intel 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											
		size:200*400					0.72						
		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,											
		For Main Column A	4	5.20	-	0.35	7.28						
		for column up to plinth lvl.											
		For Main Column A	4	1.00	-	1.95	7.8						
		Ground beam , Plinth beam											
		size:GB2 (200*300)											
			4	3.00	-	0.70	8.4						
			4	3.00	-	0.60	7.2						
						Total	30.68	sqm.	139			4265.00	
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 moundlings.											
		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	4	3.00	0.20	0.45	1.08						
						Total	1.08	cum.	3263			3524.00	
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 thereof in additional to rate for foundation and plinth:											
		UP TO SLAB BEAM	4	3.00	0.20	2.60	6.24						
		PERPIT WALL	4	3.00	0.20	0.30	0.72						
						Total	6.96						
		Deduction											
		D1	1	1.00	0.20	2.40	0.48						
		W1	1	1.50	0.20	1.50	0.45						
		V1	1	0.90	0.20	0.60	0.108						
						(-)	1.038						
						Total	5.922	cum.	3263			19323.00	
	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)											
		brick work					5.922						
							5.922	CUM	121			716.56	
16	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork.											
		Outer	4	3.00	0.20	0.075	0.18						
						Total	0.18	cum.	4237			763.00	
17	11.1.2	Providing and making 6mm thick cement plaster of mix : In Cement mortar 1:4 (1 cement : 4 fine sand)											
		Building CELLING	1	2.60	2.60	-	6.76						
		chhaja					-						
		W	1	3.00	0.70	-	2.1						
		v1	1	0.90	0.70	-	0.63						
		SIDE	4	0.60	0.10	-	0.24						
						Total	9.73	sqm	87			847.00	
18	11.2.3	Providing and making 12mm thick cement plaster of mix: in cement mortar 1:5(1 cement : 5 fine sand)											
		INER WALL	4	2.60	-	2.88	29.952						
							29.952	sqm.					
		Deduction											
		D1	1	1.00	-	2.40	2.4						
		W1	1	1.50	-	1.50	2.25						

		V	1	0.90	-	0.60	0.54				
						(-)	5.19	sqm.			
						Total	24.762	sqm.	96.5	2390.00	
19	11.3.4	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix In Cement Mortar 1:5 (1 cement : 5 fine sand)									
		Outer Wall Front	4	3.00	-	3.70	44.4				
		Window grooving	1	1.50	-	0.20	0.3				
							44.7				
		Deduction(-)									
		D1	1	1.00	-	2.40	2.4				
		W1	1	1.50	-	1.50	2.25				
		V	1	0.90		0.60	0.54				
							5.19				
						Total	39.51	sqm.	113	4465.00	
20	14.13	Providing and applying 2mm thick ready mix exterior grade putty (Birla wall care, Alltek Superfine W/R of (NCL), J.K. wall putty) on walls to make the surface smooth and even.									
		Same as item total plaster					74.002	sqm	94.5	6993.00	
21	14.11.1	Wall painting with acrylic luxury emulsion (plastic) paint of Required Shade to give an even shade. On new work(two or more coats)									
		Same as item Ceiling & inner					34.492	sqm.	52.5	1811.00	
22	14.15.1	Painting exterior surface with ACRYLIC SMOOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @									
		Same as item outer plaster					39.51	sqm.	56	2213.00	
23	3.15	Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.									
		Outer	4.00	3.00	0.20	-	2.4				
						Total	2.4	sqm.	93.5	224.00	
25	3.16	Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth.									
		Outer	4	3	-	1.5	18				
						Total	18	sqm	273	4914.00	
25	8.1.1	Providing wood work in frames of doors,Window s,clerestory windows and other frames wrought framed and fixed in position.									
		Teak Wood									
		D1	1.00	5.80	0.08	0.15	0.06525				
						Total	0.06525	cum.	114758	7488.00	

26	8.6.1	Providing and fixing 40mm thick paneled or glazed or paneled and glazed shutter frames for doors excluding hinges and paneling. (Area of shutter to be measured without deducting paneling area) Teak wood								
		D1	1	1.00	2.40		2.4	sqm.	2906	6974.00
27	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming of red oxide zinc chromate primer.								
		W	2	1.50	-	1.50	4.5			
		V	2	0.90	-	0.60	1.08			
							5.58	sqm.		
						20 kg /sqm	111.6	KG.	67.5	7533.00
28	8.62.2	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete: 200x10 mm								
		D1	1	2.00	-	-	2.00			
						Total	2.00	each	231	462.00
29	8.65.1	Providing and fixing bright finished brass door handles with brass polished MS screws complete: 125 mm								
		D1	1	4.00	-	-	4.00			
						Total	4.00	each	55.5	222.00
30	8.80.2	Providing and fixing Anitque/S.S. finished brass door latch with necessary Antique/S.S. POLished MS screws complete: 300 x16x5 mm								
		D1	1	1.00	-	-	1.00			
						Total	1.00	each	280	280.00
31	8.73	Providing and fixing 150mm Antique/S.S. finished brass floor door stoppers with rubber cushion and antique/ S.S. Polished MS screws to suit thickness of shutters thickness.								
		D1	1	2.00	-	-	2.00			
						Total	2.00	each	77.50	155.00
32	9.37	Providing and fixing M.S. fan clamp/ hook for ceiling fan made out of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop.								
		Building	1	1.00	-	-	1.00			
						Total	1.00	each	97.00	97.00
33	9.34	Providing and fixing stainless wire gauge of average width of aperture 1.56mm with wire of 0.35mm to existing steel door, window shutter frames with necessary M.S. strip beading etc. complete.								
		W	2	1.50	1.50	-	4.5			
		V1	2	0.90	0.60	-	1.08			
						Total	5.58	sqm.	791	4414.00

39	12.13.1	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete: (Size 600x600mm)									
		ROOM	1	3.00	3.00		9.00				
						Total	9.00	sqm.	1151	10359.00	
40	14.22.2	Painting on new work (two or more coats) to give an even shade with premium synthetic enamel panits.									
		grill									
		W	1	1.50		1.50	2.25				
		V	1	0.90		0.60	0.54				
						Total	2.79	sqm.	47	131.00	
41	14.28	Providing and laying PU polish on new wood work (two or more coats) with spray machine after preparing surface by rubbing down smooth with sand papers, preparation of surface, applying 5 to 10 coats of french sprit polish, applying two coats of PU sealer and finally applying two coats of PU clear as per manufacturers specifications complete:									
		D1	1	1.00	-	2.40	2.40				
						Total	2.40	sqm.	656	1574.00	
Adding 9% Electrification Rs.											
										Total	175773.62
											15819.63
										Total	191593.25

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2

DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIKA NIGAM KORBA (C.G.)									
"ENTRANCE GATE "									
S.No.	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (In Rs.)	AMOUNT (In Rs.)
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.								
		F1	2	2.10	2.10	2.10		18.52	
		F2	2	2.40	2.40	2.10		24.19	
						42.71	CUM	185.00	7902.09
2	Extra for every additional lift of 1.5M or part there of								
	1.6.1 All types of soil								
	(BUILDING SOR ITEM NO.-1.6.1/10)								
		F1	2	2.10	2.10	0.60		5.29	
		F2	2	2.40	2.40	0.60		6.91	
						12.20	CUM	26.50	323.41
3	Carriage by mechanical transport upto 5 km lead:								
	1.26.1 Earth								
	(BUILDING SOR ITEM NO.-1.26/12)								
						30.82	CUM	111.00	3421.02
4	Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water.								
	(BUILDING SOR ITEM NO.-1.7/10)								
						60 % of excavation		25.63	1307.05
5	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	(BUILDING SOR ITEM NO.1.17/11)								
		F1	2	2.10	2.10	2.10		18.52	
		F2	2	2.40	2.40	2.10		24.19	
	Deduction-pcc, footing, column up to GL							-15.07	
						27.65	CUM	65.00	1797.19
6	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	(BUILDING SOR. ITEM NO.-1.18/11)								
		F1	2	2.10	2.10	0.15		1.32	
		F2	2	2.40	2.40	0.15		1.73	
						3.05	CUM	371.00	1131.92
7	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
	(BUILDING SOR. ITEM NO.- 3.1.3/23)								
		F1	2	2.10	2.10	0.10		0.88	
		F2	2	2.40	2.40	0.10		1.15	
						2.03			
						2.03	CUM	2970.00	6040.98


(4)

DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIK NIGAM KORBA (C.G.)									
DETAILED ESTIMATE									
OPEN YOGA AREA									
S.No.	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
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 types of soils (BUILDING SOR. ITEM NO.- 1.1.1/9)								
	C1-	8	1.30	1.30	1.50	20.28			
						20.28	CUM	185.00	3751.80
2	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. (BUILDING SOR. ITEM NO.- 1.18/11)								
	total exc. -pcc-rcc up to ground level		20.28	6.83	2.32	11.13			
	stage	1	4.00	12.00	0.90	43.20			
						54.33	CUM	371.00	20157.17
3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of from work. 3.1.3 1:3:6(1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) (BUILDING SOR. ITEM NO.- 3.1.3/23)								
	C1-	8	1.30	1.30	0.15	2.03			
	stage	1	4.00	12.00	0.10	4.80			
						6.83	CUM	2970.00	20279.16

4	Providing and laying nominal mix reinforced cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work. 3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	(BUILDING SOR. ITEM NO.- 3.2.1/23)								
	Column footing								
	C1-	8	1.00	1.00	0.20	1.60			
	Column upto Ground level -								
	C1-	8	0.30	0.30	1.00	0.72			
	Column upto Top level -								
	C1-	8	0.30	0.30	0.90	0.65			
	Ground Beam								
		2	32.00	0.30	0.30	5.76			
	steps around stage								
	2x3x2	12	10.00	0.30	0.15	5.40			
		12	4.00	0.30	0.15	1.08			
	STAGE FLORING	1	4.00	12.00	0.15	7.20			
						22.41	CUM	4163.00	93284.50
5	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:								
	(BUILDING SOR. ITEM NO.- 3.2.1/23)					22.41	CUM	97.50	2184.78
6	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								
	(BUILDING SOR ITEM NO.- 3.12.1/24)					Qty. as per item No. 4		22.41	
						100 kg/cum		2240.80	KG 54.50 122123.60

12	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even. As per Inner , outer & Ceiling plastering-							
	(BUILDING SOR. ITEM NO.- 14.13/133)	qty same as outer plaster			28.80	SQM	94.50	2721.60
13	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. 14.11.1) On new work (Three or more coats)							
	(BUILDING SOR. ITEM NO.- 14.11.1/133)	Qty.As Per I			28.80	SQM	52.50	1512.00
14	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: 14.15.1 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 sqm)							
	(BUILDING SOR. ITEM NO.- 14.15.1/133)	Qty.As Per I No.14.13			28.80	SQM	56.00	1612.80
TOTAL -A								342592.54


SUB ENGINEER
Municipal Corporation,
KORBA (Chhattisgarh)


Assistant Engineer,
Municipal Corporation,
KORBA (Chhattisgarh)

5

DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIK NIGAM KORBA (C.G.)										
"LANDSCAPING AND HORTICULTURE"										
S.No.		PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE (In Rs.)	AMOUNT (In Rs.)
1	(BUILDING SOR. ITEM NO.- 22.2/204)	Suppling and stacking of good earth at site including royalty,loading,unloading and carriage upto 10km(earth measured in stacks will be reduced by 20% for payment)								
			1	800.00	SQ M	0.20	160.00	CUM	201.00	32160.00
2	(BUILDING SOR. ITEM NO.- 22.25/207)	Providing and Planting following herbs in garden including preparation of soil,base plantation, providing and spreading different fertilizers,soil and sand. 22.25.4 Carpet Grass(Well developed) (50% of Area)								
			1	400.00	SQ M		400.00	SQM	263.00	105200.00
									Total A	137360.00

SUB ENGINEER
Municipal Corporation,
KORBA (Chhattisgarh)

Assistant Engineer,
Municipal Corporation,
KORBA (Chhattisgarh)

**DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIK
NIGAM KORBA (C.G.)**

PATHWAY

S. No.	SOR Item No.	Description of items	No	L	B	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8.0	9	10.0	11
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.								
		Pathway outer	1	450.00	2.50	0.20	225.0			
		Pathway inner	1	250.00	2.00	0.20	100.0			
							Total	325.0	cum	185.0
										60125.00
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.								
		Pathway outer	1	450.00	2.10	0.10	94.5			
		Pathway inner	1	250.00	1.60	0.10	40.0			
							Total	134.5	cum	371.0
										49900.00
	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 wrok. 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40 mmnominal size.								
		Base PCC								
		Pathway outer	1	450	2.50	0.1	94.5			
		Pathway inner	1	250	2.00	0.1	40.0			
							134.5	Cum	2970.0	399465.00
	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)								
		Pathway outer	2	450	0.2	0.2	36.0			
		Pathway inner	2	250	0.2	0.2	20.0			
	11.3.4	Providing and making 15 mm thick cement plaster on the rough side of single or half brick wall of mix					56.0	Cum	3263.0	182728.00
		In cement Mortar 1:6 (1 cement : 6 fine sand)								
		Pathway outer	2	450		0.2	180.0			
		Pathway inner	2	250		0.2	100.0			
							280.0	sqm	107.0	29960.00

DETAILED ESTIMATE FOR DEVELOPMENT OF KATHAL GARDEN NAGAR PALIKA NIGAM KORBA (C.G.)

CONSTRUCTION OF BOUNDARY WALL										
S.No.	S.O.R	Description of Item	No.	L.	B.	D./H.	Qty.	UNIT	Rate	Amount
1	2	Boundary wall LEFT AND RIGHT SIDE length- METERS	3	4	5	6	7	8	9	10
		Column c/c - 5.0			305					11.00
1	1.1.1	Excavation in all types and sizes of foundations trenches and drains or for any purpose including disposal of excavated stuff upto 1.50 m lift and lead upto 50 m (at least 5 m away from the excavated area) , including dressing and levelling of pits	61							
		For Column	61	1.2	1.2	1.2	105.41			
		For Expansion Joint Column								
			5	1.2	1.2	1.2	8.64			
							114.05	CUM	185	21098.88
2	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.								
		For Column	61	1.2	1.2	0.1	8.78			
		For Expansion Joint Column	5	1.2	1.2	0.1	0.72			
							9.50	CUM	65	617.76
3	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 Column	61	1.2	1.2	0.1	8.78			
		For Expansion Joint Column	5	1.2	1.2	0.1	0.72			
							9.50	CUM	2970	28226.88
4	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	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Footing	61	1.1	1.1	0.35	25.83			
		For Expansion Joint Column	5	1.1	1.1	0.35	2.12			
		Coloum R.C.C. upto G.L.	66	0.2	0.3	0.65	2.57			
		Plinth Beam	1	305	0.2	0.3	18.30			
		Column above ground level	66	0.2	0.3	2	7.92			
		Top Copping column	66	0.3	0.4	0.2	1.58			
		Top Copping for wall	1	305	0.3	0.15	13.73			
							72.05	CUM	4163	299960.80
5	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels for								
	2.1.1	Foundations, footings, base of columns and plinth beam in any shape and size.								
		PCC	61	4.8		0.1	29.28			
		Footing	61	4.4		0.35	93.94			
		For Expansion Joint Column	5	4.4		0.35	7.70			
		Coloum R.C.C. upto G.L.	66	1		0.65	42.90			
		Plinth Beam	1	305		0.8	244.00			
							417.82	SQM	139	58076.98
6	2.1.5	Columns, pillars, piers and likes- rectangular or square in shape								
		Column above ground level	61	1		2	122.00			
		For Expansion Joint Column	5	1		2	10.00			
		Top Copping column	66	1.4		0.2	18.48			
		Top Copping for wall	2	610.6		0.15	183.18			
							333.66	SQM	297	99097.02
7	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)								
		brick work up to plinth beam	1	305	0.20	0.3	18.30			
							18.30	CUM	3263	59712.90
8	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)								
		brick work for room	1	305	0.20	0.6	36.60			
			1	10	5.00	2.8	140.00			
							176.60	CUM	3263	576245.80
	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:								
		brick work					176.60			
							176.60	CUM	121	21368.60

		Providing and fixing in place with sand Crasher dust and hard masonry under floor in layers not exceeding 20mm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete											
		Reinforcement											
		PLANK										114.05	
		P.C.C.										-9.50	
		P.C.C. Forming										-9.50	
		Column upto G.L.										-23.72	
												-7.92	
												63.40	CUM 371 23522.88
10	3 11	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.	1	305	0.2	0.1	6.10					CUM	4237 25845.70
11	3 12.4	Providing and placing provision reinforcement for R.C.C. work including straightening, cutting, bending, bending etc. complete as per drawings including cost of bunding wire all complete											
		Thermo Mechanically treated bars making 90 kg/cum of R.C.C.	1	70kg/cum								5043.78	KG 54.5 274386.01
12	11 2.4	Providing and making 12 mm thick cement plaster of mix. in Cement Mortar 1:6 (1 cement : 6 fine sand)											
		wall	1	305		0.6	183.00						
		columns	66	1		1.4	92.40						
							275.40					SQM	91.5 25199.10
13	11 3.4	Providing and making 15 mm thick cement plaster on the rough side of single or half brick wall of mix. in cement Mortar 1:6 (1 cement : 6 fine sand)											
		wall	1	305		0.6	183.00						
		Top Copping column	66	1.4		0.2	18.48						
							201.48					SQM	107 21558.36
14	11.4	Making groove in cement plaster while plastering upto 10 mm deep and 10 mm wide											
		wall	1	305			305.00					Rmt	1.3 396.50
15	3 21	Providing and fixing in provision impregnated fibre board conforming to IS: 1838 in expansion joints. including cost of primer, sealing compound all complete											
	3 21.2	25mm thick	5		0.3	2	3.00					SQM	768 2304.00
16	14 17.1	Painting exterior surface with TEXTURED exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with											
		On new work (two or more coats applied @ 3.28ltr/10 sqm over and including priming cost of exterior primer applied @ 2.20 kg/10 sqm)											
							476.88						
							476.88					SQM	140 66763.20
GRILL FOR BOUNDARY WALL													
1	9 15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	1.00	305.00		1.20	366.00						
							366.00					SQM	
							16 KG/SQM					5856.00	KG 67.50 395280.00
2	14 22	Painting on new work (two or more coats) to give an even shade with											
	14 22.1	Satin synthetic enamel paint	2.00	305.00		1.20	732.00						
		boundary wall grill					732.00						
							732.00					Sqm	55 40260.00
		Supply and fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5 x 35mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	1	5	5		25.00					sqm	636 15900.00
												TOTAL	2056321.38

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