कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क्र. 223/2024 सिस्टम टेंडर नं. 154273 कोरबा दिनांक 14.03.2024

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 एवं विद्युत कार्य 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 :–

क.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (DD)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क 02 अंतर्गत स्टेडियम परिसर में कॉईल फेंसिंग सहित बाउंड्रीवाल का निर्माण एवं हाईट एक्सटेंसन कार्य (जिला खनिज मद)	164.72	123600/-	7 माह	3000/-	वर्ग सी एवं प्रवर श्रेणी	09.04.2024 से .....

शर्तें:–

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 विरूद्ध कार्य किया गया हो उन्हे निविदा भरने की पात्रता नही होगी।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षो का आयकर चुकता प्रमाण पत्र/पेन नम्बर, जी. एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन 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 कोसाबाड़ी 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 कार्यो का विवरण राशि सहित मूलप्रति में वैध शपथपत्र (राशि रू. 100/– नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा कमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
   - अमानत राशि का **FDR/TDR** एवं निविदा प्रतिभागी शुल्क का **DD** जो कि आयुक्त, नगर पालिक निगम,कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यो के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यो में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
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 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
7. ईंट से संबंधित निर्माण कार्यो में फ्लाई 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 परफारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
10. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा।
11. निविदा प्रपत्र फार्म –ए की कंडिका 11 अनुसार 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 है।

कार्यपालक अभियंता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

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		14.03.2024	15.00	14.03.2024	15.00	Release Tender
2		Bid Submission	14.03.2024	15.00	08.04.2024	17.30	
3		Physical Document Submmission	14.03.2024	15.00	09.04.2024	15.00	
4	Tender Open		09.04.2024	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 boundary wall ,Height extension with Coil fencing at Stadium ward no 02

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								
	1	In all types of soil								
		column	401	1 50	1 50	1 50	1353.38			
		for expansion	50	1 50	1 50	1 50	168.75			
		below plinth	1	1200.00	0.40	0 60	288.00			
						Total	1810 13	Cum	185 00	334873 13
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								
			451	4	1 30	0.25	586.30			
			451	4	0 90	0 50	811 80			
			451	1 00		1 50	676 50			
		plinth beam	2	1200		0.30	720 00			
						Total	2794.60	Sqm	139 00	388449 40
	5	Columns, Pillars, Piers and likes-rectangular or square in shape								
			451	1 00		2.4	1082.4			
			425	1 00		0.9	382 5			
						Total	1464.90	sqm	297.00	435075 30
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								
		column	451	1 50	1 50	0 10	101 48			
		below plinth	1	1200.00	0 40	0.10	48.00			
						Total	149 48	Cum	371.00	55455 23
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)								
		column	451	1 50	1 50	0 10	101 48			

		below plinth	1	1200 00	0 40	0 10	48 00			
						Total	149 48	Cum	2659 00	397454 03
		Filling from available excavated stuff (Excluding rock) in trenches, plinth sides of foundation etc in layers not exceeding 20cm in depthconsolidating each deposited layer by ramming and watering with a								
						Total =	369 00	Cum	65 00	23985 00
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								
	1	1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)								
		raft c1	451	1 30	1 30	0 25	190 55			
			451	0 90	0 90	0 50	182 66			
		column below plinth	451	0 20	0 300	1 50	40 59			
		plinth beam	1	1200 00	0 200	0 30	72 00			
			451	0 20	0 300	2 40	64 94			
			425	0 20	0 300	0 90	22 95			
			1	2200 00	0 200	0 20	88 00			
						Total	661 69	Cum	4163 00	2754600 90
7	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								
			85		661 69		56243 35			
						Total	56243 35	kg	54 50	3065262 71
8	7 5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS 12894-2002 of class designation 4 0 in foundation and plinth in								
	3	Cement Mortar 1 6(1 cement 6 coarse sand)								
			1	1200 00	0 20	0 40	96 00			
			1	1065 00	0 20	2 40	511.20			
			1	1000 00	0 20	0 90	180 00			
						Total	787 20	Cum	3263 00	2568633 60
9	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					511.20	Cum	121	61855 20
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)								
			1	2200 00	0 20	0 05	22 00			
						Total	22 00	Cum	4073 00	89606 00
11	11 2	Providing and making 12mm thick cement plaster of mix								
	4	In Cement Mortar 1 6 (1 cement 6 fine sand)								

			1	1800 00		3 20	5760 00			
						Total	5760 00	sqm	91 50	527040 00
	13	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	1800 00		3 20	5760 00			
						Total	5760 00	sqm	107 00	616320 00
13	14 51	Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth aid even								
							11520 00			
						Total	11520 00	sqm	101 00	1163520 00
14	14 5	Painting exterior surface with SMOOTH exterior emulsion paint manufactured with the cow					11520 00	sqm	79 00	910080 00
	1	On new work (Two or more coats)								
15	16 3	Demolishing brick masonry including arches stacking of serviceable material disposal of unserviceable material within 50 metres lead								
			1	350 00	0 20	1 50	105 00	cum	263 00	27615 00
16	16 42	Demolishing R C C work including stacking of steel bars and disposal of unserviceable material within 50 metre lead								
			115	0 20	0 30	1 50	10 35			
			115	0 90	1 50	0 25	38 81			
17	9 42	Providing and fixing concertina coil fencing with required dia 610 mm (having 50 nos round per 6 metre length) up to 3m height of wall with existing angle iron 'Y' shaped placed 2 4 m or 3 00 m apart tied with G I staples and G I clips to retain horizontal including necessary bolts or G I barbed wire tied to angle iron all complete as per direction of Engineer in charge with reinforced barbed tape (R B T) / Spring core (2 5mm thick) wire of high tensile strength of 165 kg/ sq mm with tape (0 52 mm thick) and weight 43 478gm/ metre (cost of M S angle C C blocks shall be paid separately)					49 16	cum	768 00	37756 80
			4	2200 00			8800 00			
							8800 00	m	164 00	1443200 00

		Providing and placing in position angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for required length and drilling holes upto 10 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/ strut in cement concrete block.								
							5500 00	kg	69 50	382250 00
19	9 3	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								
		Electric resistance or induction butt					7000 00	kg	88 50	619500 00
20	9 61	Providing and fixing aluminium composite panels in approved panel sizes thickness and shape on aluminium frame work on face of building (Frame to be paid separately)								
		4mm thick					230 00	sqm	1745 00	401350 00
									TOTAL=	**15902532.29**
		Electnfication for gate								**569043.00**
									TOTAL=	**16471575.29**
									Say rs.=	**16472000.00**

Asstt. Engineer
Municipal Corporation
Korba (C G)

Sub Engineer
Municipal Corporation
Korba (C.G)

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

DETAILED ESTIMATE

ELECTRIFICATION

ELECTRICAL SOR 01.06.2020

Sl.No.	SOR No.	Description	unit	Qty	Rate	Amount
1	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	6 00	1869.00	11214 00
2	19 8	Supply of hot dipped galvanized (in single dip to minimum 75 micron) octogonal 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 4mm thick anchor plate, 4 nos 24mm 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 8 3	9 metre high, dia 155mm at bottom and 90mm at top, base plate size 260x260x16mm, foundation bolts 750mm long				
			Each	6 00	13974 00	83844 00
3	19 11	Erection of GI octogonal/ tubular/conical pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as per specification				
	19 11 9	9 metre high	Each	6 00	985 00	5910 00
4	32 7	Supplying following sizes FRLS PVC insulated PVC sheathed, steel armoured, aluminium 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	150	97	14550 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, embeding 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	12 00	**5219**	62628 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	50	**124**	6200 00
7	14 3	Supplying and laying following size medium class G I pipe 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 3 3	100 mm internal dia	Metre	30 00	**879.00**	26370 00
	14 3 4	150 mm internal dia	Metre	30 00	**1183.00**	35490 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 excavtion, 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	200 00	**321**	64200 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	120 00	**104.00**	12480 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	50 00	**36.00**	1800 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 complete as per specification				
	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	2 00	**717.00**	1434 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	3 00	**55.00**	165 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	6 00	**3734.00**	22404 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	6 00	**148.00**	888 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	2.00	**411.00**	822 00
18	9 16	Supplying and fixing TP&N MCB, 440 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 16 5	63 amps	Each	2 00	**1316.00**	2632 00
19	10 17	Providing and fixing penal mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as per specification	Each	2 00	**94.00**	188 00
20	10 18	Providing and fixing penal mounting following rating analog type ammeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification				
	10 18 2	0-100 amps	Each	2 00	**372.00**	744 00
21	10 20	Providing and fixing penal mounting 0-500 volt voltmeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification				
	10 20 1	Analog type	Each	2 00	**397.00**	794 00
		LED FOR POLE				
23	6 28	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P F should be greater than 0 9 LED chip efficacy ratio ≥ 120 lumens /watt.				
	6 29 2	135 watt		12 00		
			Each	12 00	**8088.0**	**97056.00**
24	6 18	**Supplying, installation, testing and commissioning of following COB LED Spot Light fitting complete with Electronic Driver Heat sink Capacitor and all other accessories including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.**				
		20 watt	each	80 00	**1262.00**	100960 00
		Total cost in Lacs				**5,69,043.00**