

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 75/2021

सिस्टम टेंडर नं. 166600

कोरबा दिनांक 04.04.2025

द्वितीय 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 हेतु 01.06.2020 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 — 22.04.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि — 22.04.2025 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	वार्ड क. 11 बनिया तालाब का विकास एवं संरक्षण कार्य (अधोसंरचना मद)	25.00	18800/-	05 माह	750/-	वर्ग डी एवं प्रवर श्रेणी	22.04.2025 से

शर्त:-

1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी 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, 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 कोसाबाड़ी 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 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 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 प्लाई एंड 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।


प्रतिलिपि-

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

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

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		04.04.2025	10.00	04.04.2025	10.00	Release Tender
2		Bid Submission	04.04.2025	10.00	21.04.2025	17.30	
3		Physical Document Submmission	04.04.2025	10.00	22.04.2025	15.00	
4	Tender Open		22.04.2025	16.00	--	--	


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

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

ABSTRACT

K : DEVELOPMENT & BEAUTIFICATION WORKS AT BANIYA TALAB WARD NO. 11
: SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	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.				
	1.1 In all types of soils.	cum	102.95	185.00	19,045.75
2	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.	cum	400.00	242.00	96,800.00
3	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:				
	1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	sqm	152.4	139.00	21,183.60
	1.2 Wall of any thickness including attached pilasters, buttresses etc. in super structure.	sqm	400	228.00	91,200.00
	1.5 Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	15.6	297.00	4,633.20
	1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	26.91	235.00	6,323.85
	1.8 Beams, lintels, cantilevers & walls	sqm	30	202.00	6,060.00
	1.13 Weather shade, chhajja, Cornices and mouldings	sqm	18.00	294.00	5,292.00
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.				
	1.2 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	cum	84.05	2659.00	223,488.95
5	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.				
	2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	cum	142.85	4163.00	594,684.55
6	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:				
	2.1 Thermo-Mechanically treated bars FE 415	kg	8592.00	54.50	468,264.00
7	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:				
	5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	18	3263.00	58,734.00
8	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:	cum	15.6	121.00	1,887.60
9	9.6 Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.				
	6.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	600.00	68.00	40,800.00
10	9.13 Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of	kg	160	75.00	12,000.00

DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	Iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. set plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.				
	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.				
	3.1 Aperture 50x50mm	sqm	225.00	331.00	74,475.00
12	11.1 Providing and making 6mm thick cement plaster of mix:				
	1.2 In Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	26.91	87.00	2,341.17
13	11.2 Providing and making 12mm thick cement plaster of mix:				
	2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	104	91.50	9,516.00
14	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:				
	3.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	120	107.00	12,840.00
15	12.65 Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm				
	5.2 Pigment Coloured (rubber mould) precast interlock concrete blocks	sqm	560.00	632.00	353,920.00
16	14.13 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.	sqm	250.91	94.50	23,710.90
17	14.15 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:				
	5.1 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)	sqm	250.91	56.00	14,050.96
18	14.22 Painting on new work (two or more coats) to give an even shade with:				
	2.1 Satin synthetic enamel paint	sqm	34.8	55.00	1,914.00
19	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.	cum	12.60	65.00	819.00
20	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.	cum	3.15	371.00	1,168.65
21	12.9 Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.				
	9.1 Size 300x300mm	sqm	21.00	692.00	14,532.00
22	21.1 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.				

DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	Types of soil				
	150 mm dia.	metre	25.00	339.00	8,475.00
	Rocky strata including Boulders.				
3	150 mm dia.	metre	30.00	396.00	11,880.00
	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
3.3	150 mm nominal size dia.	metre	30.00	540.00	16,200.00
24	21.4				
	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
4.3	150 mm nominal size dia.	metre	20.00	546.00	10,920.00
25	21.10	Hour	10.00	654.00	6,540.00
	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.				
26	21.11				
	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:				
1.3	150 mm dia	each	1.00	217.00	217.00
27	21.12				
	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.				
2.3	150 mm clamp.	each	1.00	1055.00	1,055.00
28	21.17	point	5.00	1502.00	7,510.00
	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 point is payable)				
29	22.2	cum	40.00	201.00	8,040.00
	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment).				
30	22.4	cum	45.00	236.00	10,620.00
	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage upto 5 km (manure measured in stacks will be reduced by 8% for payment)				
31	22.25				
	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:				
5.1	Hedges like Alife, Dorenta, Tikoma etc	each	150.00	14.00	2,100.00
5.2	Furn like Arica, China etc (3 year old)	each	50.00	125.00	6,250.00
32	12.6	Each	15.00	935.00	14,025.00
	(PWD ROAD-01.01.2015-6)Providing and planting of 300N to 400N				

		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		ad wasingtonia, filipheria/bismarkia novelist plam plants with 106N x 009N depth pit formation and soil preparation, (Mixing organic manure and plantOs protection insecticide). Up to 4 month maintenance.				
		(PWD ROAD-01.01.2015-8)Providing and planting of Bogenbelia dwarf, chandni dwarf, kaner dwarf vr flower bearing plants with 009N x 009N depth pit formation and soil preparation workOs, (Mixing organic manure and plantOs protection insecticide). Up to 4 month maintenance.	Each	15.00	88.00	1,320.00
34	12.10	(PWD ROAD-01.01.2015-10)Providing and planting of plumeria (Champa). 200N to 300N heighted plants with 100N x 100N x 106N depth pit formation and soil preparation workOs, (Mixing organic manure and plantOs protection insecticide). Up to 4 month maintenance.	Each	15.00	380.00	5,700.00
35	18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :				
	1.1	White Long pattern W.C. pan of size 580 mm	each	1.00	2459.00	2,459.00
36	18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:				
	3.1	Flat back half stall urinal of size 460x380x250mm	each	1.00	1776.00	1,776.00
37	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :				
	7.1	White Size 550x450 mm	each	2.00	1430.00	2,860.00
38	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.				
	6.1	75 mm dia pipe.	metre	10.00	182.00	1,820.00
39	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.				
	7.1	Tee/ Tee with door/ Bend 45° / Bend 90°				
	1.1	75 mm	each	2.00	113.00	226.00
	7.2	Double "Y" with or without door				
	2.1	75 mm	each	2.00	129.00	258.00
	7.3	Vent covel				
	3.1	75 mm	each	2.00	34.00	68.00
	7.5	"P" trap 110mmx110mm long	each	2.00	227.00	454.00
40	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. INTERNAL WORK - EXPOSED ON WALL				
	4.1	15 mm nominal outer dia .Pipes.	metre	30.00	110.00	3,300.00
41	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:				
	3.2	Bib cock (350 grams)	each	6.00	237.00	1,422.00

DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	up cock (350 grams)	each	6.00	237.00	1,422.00
	Providing and fixing stainless steel drain jali of approved make/quality.	each	4.00	51.00	204.00
	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	15 mm nominal bore	each	2.00	284.00	568.00
19.42	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	LITRE	500.00	7.20	3,600.00
45 19.50	Constructing masonry Chamber 120x120x100 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :	each	1.00	11021.00	11,021.00

As per Estimate Amount Rs. 2,301,995.2
 electricalAdd Above 8.56 % 197,050.8
 Grand Total Rs. 2,499,046.0
 Say Rs. 25.00 la

Sub. Engineer
 Nagar Palik Nigam,
 Korba

Astt. Engineer
 Nagar Palik Nigam,
 Korba

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


Abstract


:- Development & Beautification Works at Baniya Talab Ward No. 11

PWD (Elec. 01.06.2020)

S. No	Ref.	Item of Work	Unit	Rate	Qty	Amount
1	19.3	Supply of swaged steel tubular pole as per IS 2713 with base plate of size 300x300x6mm welded at bottom, necessary hole for cable entry and earthing stud welded at specified height including painting with one coat of red oxide zinc chromate primer.				
	19.3.10	Designation 410 SP-30 height 9.00 metre	Each	10219.00	5	51095.00
2	19.10	Erection of STEEL TUBULAR or "H" BEAM/ ISMB pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation and cement concrete collar of size 0.4 metre dia and 0.50 metre height from ground level including excavation and refilling etc. as per specification of length:				
	19.10.4	7 metre to 10 metre	Each	2610.00	5	13050.00
3	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	1869.00	5	9345.00
4	19.17	Supplying and fixing PVC water tight terminal box of approved make and brand with detachable gland plate in bottom, hinged front openable cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 25x3mm GI flat with 2 No GI nuts bolts complete as per specification.				
	19.17.2	300x200x125 mm for 3 phase	Each	989.00	5	4945.00
5	15.8	Supplying and laying following sizes one number FRLS PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.1.23	4 x 16 sq. mm.	Metre	122.00	317.29	38709.80
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	124.00	110	13640.00
7	14.5	Supplying and fixing G.I. pipe along with wall or pole/ support with 2 Nos MS clamps for protection of under ground cable in approved manner including bolts and nuts or metal dash fasteners complete as per specification.				

		Item of Work	Unit	Rate	Qty	Amount
		50 mm dia	Metre	403.00	10	4030.00
15.28		Supplying, fixing and cramping suitable size and all type aluminium ferule/ lugs to following size 1.1 KV grade power cable core / lead, pressed with high pressure cramping tool including connection to switch gear/ MCCB etc as per specification. .				
	15.28.1	16 sq. mm	Each	19.00	50	950.00
9	3.11	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing capping as per specification and IS: 694 (2010)				
	3.11.4	4 x 1.5 sq. mm	Metre	48.00	50	2400.00
10	6.28	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt.				
	6.28.11	90 watt	Each	5531.00	10	55310.00
11	31.12	Painting of following height steel tubular poles with two coat of aluminium paint of approved brand including cleaning the surface as per specification:				
	31.12.2	Above 6 metre and upto 8 metre	Each	193.00	5	965.00
12	7.10	Providing and fixing metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wireable fuses including drilling holes on the board, connections, earthing the body etc. as per specification. (Thimbeling shall be paid separately).				
	7.10.1	32 amps	Each	926.00	1	926.00
13	9.19	Supplying and fixing following rating, 240 volts TWO POLE ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
	9.19.1	63 amps	Each	337.00	5	1685.00
					Total Rs	197050.80


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


Assitt. Engineer
Municipal Corporation,
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