

# कार्यालय, नगर पालिक निगम, कोरबा (छ.ग.)

फा.क./उद्यान शाखा /2023 /902

सिस्टम टेन्डर नं. 128988  
ई-निविदा आमंत्रण सूचना

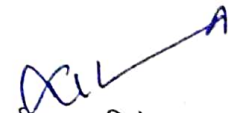
कोरबा, दिनांक 25.03.2023

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015 एवं (विद्युत) दिनांक 01.06.2020 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु ऑनलाईन ई-निविदा आमंत्रित की जाती है :-

क्र	कार्य का नाम	प्राक्कलन राशि लाख में	धरोहर राशि रु में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क 33 रामपुर उद्यान का विकास कार्य	25.00	18800/-	05 माह	वर्ग डी एवं प्रवर श्रेणी	18.04.2023 से

शर्त:-

- 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।
- 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 उन्हे 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 सत्य प्रतिलिपि, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी, आयकर वित्तीय वर्ष का प्रमाण पत्र/पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
- सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं 5 प्रतिशत परफार्मेंस सिक्क्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- 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।
- 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 बैंड शपथपत्र देना अनिवार्य होगा। शपथ पत्र निविदा प्रकाशन के समय से मान्य होगा।
- 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 फ्लाइ ईश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल 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 अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
- 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।
- निविदा तिथि खुलने /डालने के दिन अवकाश होने पर अगली कार्यालयीन दिवस निविदा खोला जाएगा।

  
कार्यपालन अभियन्ता  
नगर पालिक निगम  
कोरबा (छत्तीसगढ़)

प्रतिलिपि :- प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, नया रायपुर (छ.ग.) को uad.cg.gov.in में अपलोड किये जाने हेतु प्रेषित।

**Date-Time Detail(s)**

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		25.03.23	16.30	25.03.23	16.30	Release Tender
2		Bid Submission	25.03.23	16.30	17.04.23	17.30	
3	Tender Open		18.04.23	10.30	--	--	

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

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

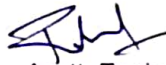
Sub - Supply and Fixing Playing Equipments at ward no. 33 Rampur

S.NO.	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	<b>Multiaction Play System</b> <b>Specifications:-</b> Slide and ladder structure -35 mm x5mm Angle iron platfrom 1.20 mts dia Steel sheet railings -25 mm Pipe slide lenth - G.I. pipe sheet Size - 16 ft	No.	1.00		
2	<b>Fiber Kids Wave Slide</b> <b>Specifications:-</b> Slide - Fibre Stairs -35 mm Height -3ft	No.	1.00		
3	<b>Four Swing</b> <b>Specifications:-</b> Slide Pipe - 35 mm Upper pipe 50mm Seat - wooden rubber sheet metallic chain -3 mm	No.	1.00		
4	<b>Family Chair Swing</b> <b>Specifications:-</b> Slide Pipe - 50 mm Upper pipe 50mm	No.	1.00		
5	<b>Multi Seesaw</b> <b>Specifications:-</b> Age 5 to 15 years Main Frame - 35 mm Support - 35 mm Capacity - 4 Children.	No.	1.00		
6	<b>Age UP Go Round</b> <b>Specifications:-</b> Central Pipe - 50mm Railing - 25 mm Gauge of Sheet- 16 Diameter- 170 cm	No.	1.00		

	<b>Vintage Victorian Bench</b> <b>Specifications:-</b> Area -1.6mtx0.6mt		
7	Height - 720 mm Approx Main Frame - casr Iron Seat Rectangular Pipe Length - 5 Ft	No.	1.00
8	<b>A Type Climber</b> <b>Specifications:-</b> Structure of pipe - 35mm Pipe of Ladder -25 mm Length 20 ft.	No.	1.00
9	<b>SSI Air Walker/ Stroller single</b> <b>Specifications:-</b> Length - 1170 millimeter Width -600 millimeter Height - 1390 millimeter Weight 120 Kg	No.	1.00



Sub Engineer  
Municipal Corporation  
Korba (C.G.)



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

Executive Engineer  
Municipal Corporation  
Korba (C.G.)

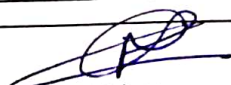
# KORBA MUNICIPAL CORPORATION

## DETAILED ESTIMATE

### BOREWELL WITH WATER SUPPLY

S.NO.	SQR	ITEM	NO	L	B	H	QTY	Unit	RATE	AMOUNT
1	21.17	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)								
2	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.	1				1	PT.	1502.00	1502.00
		21.1.1.4 (a) All Types of soil								
		21.1.1.3 150 mm dia								
		21.1.2.4(b) Rocky strata including Boulders	1	30.00			30.00	RMT	339.00	10170.00
		21.1.2.3 150 mm dia.								
			1	45.00			45.00	RMT	396.00	17820.00
3	21.7	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.								
		21.7.3 150 mm nominal size dia having minimum wall thickness 5.0 mm								
			1	32.00			32.00	RMT	1237.00	39584.00
4	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:								
		21.11.3 150 mm dia								
			1				1	EACH	217.00	217.00
5	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.								
		21.12.3 150 mm clamp.								
			1				1	EACH	1055.00	1055.00
6	21.13	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tube well as per IS:2800 (part I).								
		21.13.3 150 mm dia								
			1				1	EACH	171.00	171.00
7	21.16	Providing ISI Mark 32 mm dia G.I. ( B class) riser pipe and M.S. plunger rod in 3 meter length socketed on one end as per IS: 1239 ( Part I) 1990 with up to date amendments and socket as								
			1				65.00	METER	275.00	17875.00
8	26.3	Supplying, installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection with suitable submersible cable of standard length etc. as required.								
		26.3.3 2.0 HP, single phase								
			1				1	EACH	19886.00	19886.00

9.	26.11	Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection interconnection etc. as required.								
		a) Phase indicating lamps with fuses and toggle switches 1 set								
		b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No								
		c) 25 A "C" curve DPMCB 1 No								
		d) Voltmeter 0-250 V 1 set								
		e) Ammeter 0-10 A 1 set								
			1			1	EACH	4125.00	4125.00	
10	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 soil								
						54.00	CUM	185.00	9990.00	
11	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.								
		100 % OF ITEM NO. 1						54.00	CUM	65.00
12	19.9	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete:								
		19.9.4 32 mm dia. nominal bore						70.00	MTR	272.00
13	19.10	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (Dia of main line to be measured)								
		19.10.4) 50 mm dia. nominal bore						15.00	EACH	347.00
14	19.11	Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc. complete:								
		19.11.6) 50 mm dia. nominal bore						10.00	EACH	250.00
15	19.16	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):								
		19.16.4 50 mm nominal bore						5.00	EACH	762.00
16	19.48	Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm <sup>2</sup> in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. 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 20mm 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 :								
		For 65mm to 100mm valve-						2.00	EACH	4644.00
17	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.	1	-	-	-	1000.00	LTR	7.30	7300.00
18	19.6	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete								
		19.6.3 25 mm nominal outer dia pipes	1				30.00	meter	165.00	4950.00
		19.6.4 32 mm nominal outer dia pipes	1				35.00	meter	228.00	7980.00
<b>TOTAL Rs./- =</b>									<b>185978.00</b>	
<b>CSPDCL ELCTRIFICATION CONNECTION:-</b>									<b>15000.00</b>	
<b>GRAND TOTAL Rs./- =</b>									<b>200978.00</b>	

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


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

# KORBA MUNICIPAL CORPORATION

## DETAILED ESTIMATE

### DECORATIVE LIGHTS WITH ELECTRIFICATION

S.NO.	SOR	ITEM	NO	L	B	H	QTY	Unit	RATE	AMOUNT
1	(EL.SOR. ITEM NO.- 6.90.1)	Supplying , installation , testing and commissioning for the following LED RGB / RGBW Linear wall washer luminaire for façade lighting with aluminium extruded housing of following wattage . Luminaire shall be capable of producing dynamic color changing light with 16 million colors by DMX / Ethernet based control . The beam angle of the fitting shall be narrow , medium , wide or asymmetric as per the requirement. Luminaire shall be complete with driver and capable of operating at line voltage without any separte power supply from 100 to 270 V AC , 50 Hz , power factor >0.9 . Fixture shall be suitable to operate at ambient temperature range of -10 Degree C to +50 Degree C and shall be IP 65 and IK 06 rated , Lifetime should be at atleast L70:50000 burning hours at 50 Degree C . Luminaire shall be conforming to BIS and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables , water proof connectors etc as required.								
		6.88.1 20-25 watt	3	-		-	3.00	Each	21255.00	63765.00
2	(EL.SOR. ITEM NO.- 6.89.1)	Supplying, installation, testing and commissioning of Pulse with Module based water Proof controller for controlling RGB flood Light/ Wall washer with remote control IP 65 as per the specifiication.								
			1	-		-	1.00	Each	11463.00	11463.00
2	(EL.SOR. ITEM NO.- 6.93)	Supplying, installation, testing and commissioning of following LED Rope light complete as per specification and IP65, P.F. should be greater than 0.75								
		9 Watt per Metre White / Warm White	1	-		-	100.00	MTR	275.00	27500.00
		9 Watt per Metre RGB	1	-		-	120.00	MTR	355.00	42600.00
3	(EL.SOR. ITEM NO.- 6.80.2)	6.80 Supplying , installation , testing and commissioning of following type Recessed LED inground/pathway Lighting fixture with IP67 protected Die-Cast Aluminum housing and High purity Lenses for superior performance. LED shall having LM80 complied as per L70 standard LEDs minimum tested for 10,000 burning hours with 3000K CCT with minimum life cycle 50000 hrs burning hours at 50°C. Luminaire light should have secondary lenses. Driver shall be 3 stage Constant Current Constant Voltage with voltage range of 150-270V AC. Output voltage of driver should be complied to Safety Extra Low Voltage norms not exceeding 60V DC. Driver Power factor shall be 0.95 and above and THD shall be less than 10% 12 watt								
			3	-		-	3.00	EACH	13384.00	40152.00
4	(EL.SOR. ITEM NO.- 6.79.1)	6.79 Supplying , installation , testiing and commissioning of following type Recessed LED Step Lighting fixture with IP66/65 protected Die-Cast Aluminum housing and Heat resistive Toughened Glass. LED shall having LM80 complied as per L70 standard LEDs minimum tested for 10,000 burning hours with 3000K CCTwith minimum life cycle 50000 hrs burning hours at 50°C. Luminaire LED should have secondary Optic lenses. Driver shall be 3 stage Constant Current Constant Voltage with voltage range of 150-270V AC. Output voltage of driver should be complied to Safety Extra Low Voltage norms not exceeding 60V DC. Driver Power factor shall be 0.95 and above and THD shall be less than 10%. 6.79.1 3 watt								
			10	-		-	10.00	EACH	1608.00	16080.00
<b>TOTAL Rs./- =</b>									<b>201560.00</b>	

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

  
 Asstt Engineer  
 Municipal Corporation  
 Korba (C.G.)

# KORBA MUNICIPAL CORPORATION


## DETAILED ESTIMATE

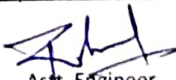
### SITE DEVELOPMENT

S.NO.	SOR	ITEM	NO	L	B	H	QTY	Unit	RATE	AMOUNT
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and lead upto 50 m (at least 5m away from the dressed area).	1	25.00	20.00	-	500.00			
							500.00	SQ.M	7.20	3600.00
2	22.1	Trenching in ordinary soil upto a depth of 60cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly leveling with in a lead of 50m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or/and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	1	250.00	SQM	0.25	62.50	CUM	115.00	7187.50
3	22.2	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	250.00	SQM	0.25	62.50	CUM	201.00	12562.50
4	22.4	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).	1	250.00	SQM	0.10	25.00	CUM	236.00	5900.00
5	22.8	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).	1	250.00	SQM	0.35	87.50	CUM	17.50	1531.25
6	22.4	22.9 Mixing earth and sludge or manure in proportion specified or directed	1	250.00	SQM	0.35	87.50	CUM	11.00	962.50
7	(ROAD SOR ITEM NO.- 11.2)	(a) Planting Permanent Hedges including Digging of Trenches (Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.65 cum per 100 meters and supplying and planting hedge plants at 30 cm apart.)	1	150.00			150.00	MTR	168.00	25200.00
8	(ROAD SOR ITEM NO.- 11.6)	11.6 Edging with 2nd class Bricks, laid dry lengthwise (Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 meters.)					150.00	MTR	28.00	4200.00
9	(ROAD SOR ITEM NO.- 12.6)	Providing and planting of 3"0" to 4"0" heighted wasingtonia, filipharia/bismarkia novelist plam plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	50	-	-	-	50.00	EACH	935.00	46750.00
10	(ROAD SOR ITEM NO.- 12.7)	Providing and planting of 4"0" to 5"0" heighted Ficus prestige/Blackiana plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	50	-	-	-	50.00	EACH	660.00	33000.00
11	(ROAD SOR ITEM NO.- 12.8)	Providing and planting of Bogenbelia dwarf, chandni dwarf, kaner dwarf vr flower bearing plants with 0"9" x 0"9" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance	80	-	-	-	80.00	EACH	88.00	7040.00



	(ROAD SOR ITEM NO.- 12.9)	12.9 Providing and planting of dwarf red Ekalyha plants showing mass effect view with 0"9" x 0"9"x1"0" depth pit formation and soil preparation work's, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance	80	-	-	-	80.00	EACH	72.00	5760.00
13	(ROAD SOR ITEM NO.- 12.10)	12.10 Providing and planting of plumeria (Champa) 2"0" to 3"0" heighted plants with 1"0" x 1"0"x1"6" depth pit formation and soil preparation work's, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance	80	-	-	-	80.00	EACH	380.00	30400.00
14	(ROAD SOR ITEM NO.- 11.5)	11.5 Half Brick Circular Tree Guard, in 2nd class Brick, internal diameter 1.25 meters, and height 1.2 meters, above ground and 0.20 meter below ground (Half brick circular tree guard, in 2nd class brick, internal diameter 1.25 meters, and height 1.2 meters, above ground and 0.20 meter below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement : 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete)	80				80.00	EACH	1296.00	103680.00
15	(ROAD SOR ITEM NO.- 12.13)	Human and other sculpture (a) 5 to 7 feet	1				1.00	EACH	75000.00	75000.00
16	22.25	Providing and Planting following herbs in garden including preparation of soil,base plantation, providing and spreading different fertilizers,soil and sand.								
	22.25.1	Hedges like Alife,Dorenta,Tikoma etc.	80	-	-	-	80.00	EACH	14.00	1120.00
	22.25.2	Furn like arrica,china etc (3year old)	80	-	-	-	80.00	EACH	125.00	10000.00
	22.25.3	Hibiscus (Flower) /Rose	80	-	-	-	80.00	EACH	26.50	2120.00
	22.25.4	Carpet Grass(Well developed) 80% of area	1	250.00	SQM		200.00	SQM	263.00	52600.00
17	(NON SOR ITEM)	Providing & installing Cast Iron Powder Coating Garden Bench, Capacity 3 Seater Side Frame Material - Cast Iron Seat Material -Mild Steel Pipe 14 Gauge Back Rest Material- Mild Steel Pipe 14 Gauge Bench Type -Integrated Seat and Back Seating Capacity- 3 Seater Stand/Legs Design- Decorative Finsh- Powder Coating Total Height -4.2 foot Seat Height -2.8 foot Width -3 foot Total Area Required- 35.28 foot eight Bearing Capacity -040 kilogram	5				5.00			

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

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


# KORBA MUNICIPAL CORPORATION

## DETAILED ESTIMATE

### BOUNDARY WALL WITH MS GRILL

S.NO.	SOR	ITEM	NO	L	B	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. 1.1.1) In all types of soil									
		Column	75	1.20	1.20	1.20	129.60				
2	1.9	Extra rate for every 50 mt. average lead upto 500 mt. beyond 50 mt. free lead and lift 1.5 mt. free lift. 1.9.1 For soil					129.60	CUM	185.00	23976.00	
3	1.17	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.	Item No. (1.1.1) - Item No.(1.17)				28.65		CUM	33.00	945.45
		Column	75	1.20	1.20	1.20	129.60				
		Deduction-pcc,footing,column up to GL						-28.65			
						100.95	CUM	65.00	6561.75		
4	1.18	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.									
		Column	75	1.20	1.20	0.15	16.20				
						16.20	CUM	371.00	6010.00		
5	3.1	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).									
		Column	75	1.00	1.00	0.15	11.25				
						11.25	CUM	2970.00	33412.50		
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. 3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
		Column	75	1.00	1.00	0.30	22.50				
		Column	75	0.20	0.20	0.40	1.20				
		P/Beam	1	285.00	0.20	0.30	17.10				
		Column	75	0.20	0.20	0.60	1.80				
						42.60	CUM	4163.00	177343.80		
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 all complete: 3.12.3 Thermo-Mechanically treated bars FE 550D									
							42.60				
			100kg/cum				4260.00	KG	55.00	234300.00	
8	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
		Base Plate	75	4.00	-	0.30	90.00				
		Column	75	0.80	-	0.40	24.00				
		P/Beam	2	285.00	-	0.30	171.00				
						285.00	SQ.M	139.00	39615.00		

		2.1.5 Columns, Pillars, Piers and likes- rectangular or square in shape											
		Column	75	0.80	-	0.60	36.00						
9	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS:12894-2002 of class designation 40 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand ) Below plinth beam					36.00	SQ.M	297.00			10692.00	
			1	285.00	0.20	0.20	11.40						
			1	285.00	0.20	0.60	34.20						
							45.60	CUM	3263.00			148792.80	
10	11.3	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. 11.3.4. ) In Cement Mortar 1:6 (1 cement : 6 fine sand)											
			2	300.00	-	0.60	360.00						
							360.00	SQ.M	107.00			38520.00	
11	9.47	Finishing walls with water proofing cement paint of required shade to give an even shade. On new work (Two or more coats applied @ 3.84 kg/10 sqm)											
			2	300.00	-	0.60	360.00						
							360.00	SQM	41.00			14760.00	
12	14.11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. 14.11.1 On new work (two or more coats)											
							360.00						
							360.00	SQ.M	52.50			18900.00	
13	9.6	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. 9.6.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.											
		MS GRILL	1	285.00	-	0.60	171.00						
						35kg/sqm	5985.00	KG	68.00			406980.00	
14	14.22	Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint											
		MS GRILL	1	285.00	-	1.20	342.00						
			1	4.00	-	1.20	4.80						
							346.80	SQM	47.00			16299.60	
<b>TOTAL Rs./- =</b>												<b>1177108.90</b>	

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

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