

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

फा.क./निर्माण /2019 /478

सिस्टम टेन्डर नं. 50600
ई-निविदा आमंत्रण सूचना


कोरबा, दिनांक 07/03/2019

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्यों हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015, (सड़क) दिनांक 01.01.2015 एवं (विद्युत) दिनांक 01.07.2015 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 11 कोरबा शहर में कनोल रोड पर गार्डन का निर्माण कार्य	31.40	23600/-	06 माह	वर्ग डी एवं प्रवर श्रेणी	29.03.2019 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 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 (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पैन 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 स्कैन 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 सिक्यूरिटी 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 वैध शपथपत्र देना अनिवार्य 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 फ्लाई एश 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 डिपोजिट 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।


कार्यपालन अभियन्ता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		07.03.19	10.30	07.03.19	10.30	Release Tender
2		Bid Submission	07.03.19	10.30	28.03.19	17.30	
3	Tender Open		29.03.19	10.30	--	--	


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

OFFICE OF THE MUNICIPAL CORPORATION KORBA DISTT KORBA

DETAILED ESTIMATE

FOR THE CONSTRUCTION OF PROPOSED GARDEN AT CANAL ROAD IN KORBA TOWN WARD NO 11

	Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
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(based on rates of CG pwd Building Sor Effective from 2015)

PART A (CIVIL WORKS)

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.

A 1.1.1 In all types of soil

Foundation for chain link fencing	1	280.00	0.40	0.600	67.20				
children play area	2	57.00	0.40	0.450	20.52				
lawn area	1	124.00	0.40	0.450	22.32				
inner area of path infront of landscap	4	18.00	0.40	0.450	12.96				
fountain	1	10.00	1.50	0.600	9.00				
	2	10.00	0.40	0.600	4.80				
entrance gate column	2	2.50	1.50	1.200	9.00				
						145.80 cum		185.00	26973.00

B 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.

In landscaping area	2	24.00	9.00	0.400	172.80				
landscaping area	1	302.00		0.300	90.60				
excavated quantity					145.80				
						409.20 Cum		65.00	26598.00

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

children play area	2	20.00	10.00	0.300	120.00				
For wall	1	280.00	0.40	0.050	5.60				
	2	57.00	0.40	0.050	2.28				
	1	124.00	0.40	0.050	2.48				
	4	18.00	0.40	0.050	1.44				
	1	10.00	1.50	0.050	0.75				
	2	10.00	0.40	0.050	0.40				
	2	2.50	1.50	0.100	0.75				
						133.70 cum		371.00	49602.70

3 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.

of Work	NO	L	B	H	Qty	unit	Rate	Amount
2 1:3:6 (1 cement : 3 coarse sand graded stone aggregate 40mm nominal size).								
Foundation for chain link fencing	1	280.00	0.40	0.075	8.40			
	2	57.00	0.40	0.075	3.42			
	1	124.00	0.40	0.075	3.72			
	4	18.00	0.40	0.075	2.16			
	1	10.00	1.50	0.075	1.13			
	2	10.00	0.40	0.075	0.60			
	2	2.50	1.50	0.100	0.75			
under entrance tiles	2	9.00	9.00	0.100	16.20			
	1	9.00	9.00	0.100	8.10			
					44.48 cum		2970.00	132090.75
B 3.1.5 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
For Fixing of steel post	140	0.30	0.30	0.450	5.67 cum		4073.00	23093.91
4 Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
A 2.1.1 Foundations, footings, base of columns and plinth beam in any shape and size.								
for pedestal	2	3.40		0.300	2.04			
column up to plinth	4	1.20		1.000	4.80			
wall topping	1	620.00		0.050	31.00			
					37.84 sqm		139.00	5259.76
B 2.1.5 Columns, Pillars, Piers and likes- rectangular or square in shape	4	1.20		5.000	24.00			
					24.00 sqm		297.00	7128.00
C 2.1.8 Beams, lintels, cantilevers & walls								
plinth beam	2	10.00		0.400	8.00			
top beam	2	10.00		0.600	12.00			
					20.00 sqm		202.00	4040.00
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.								
A 3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
footing	2	2.20	1.20	0.300	1.58			
column up to beam bottom	4	0.30	0.30	6.000	2.16			
wall topping	1	620.00	0.300	0.050	9.30			
plinth beam	1	10.00	0.300	0.400	1.20			
top beam	1	10.00	0.300	0.600	1.80			
					16.04 cum		4163.00	66791.17

	of Work	NO	L	B	H	Qty	unit	Rate	Amount
	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:								
	<u>3.12.2</u> Thermo-Mechanically treated bars								
	Reinforcement for RCC work , @ 70kg /m3 of RCC	16.04		70.00		1123.08	kgs	54.50	61207.86
7	1.26 Carriage by mechanical transport upto 5 km lead: 1.26.1 Earth lawn area filling					90.60 90.60 cum		110.00	9966.00
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:								
	7.5.3 Cement Mortar 1:5 (1 cement : 5 coarse sand)	1	280.00	0.30	0.600	50.40			
		2	57.00	0.30	0.600	20.52			
	rear wall of pedestal	1	124.00	0.30	0.600	22.32			
		4	18.00	0.30	0.600	12.96			
		1	10.00	0.30	0.600	1.80			
	steps	2	10.00	0.30	0.600	3.60			
	fountain wall	1	24.00	0.30	1.200	8.64			
	wall behind fountain	1	16.00	0.30	2.500	12.00			
						111.60 Cum		3350.00	373860.00
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:					12.00 12.96 25.92			
						50.88 Cum		121.00	6156.48
10	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)								
		1	280.00		0.60	168.00			
		2	57.00		0.60	68.40			
		1	124.00		0.60	74.40			
		4	18.00		0.60	43.20			
		1	10.00		0.60	6.00			
		2	10.00		0.60	12.00			
	fountain wall	1	24.00		1.20	28.80			
	wall behind fountain	1	16.00		2.50	40.00			
	top edge	1	16.00	0.30		4.80			
	Total					445.60 sqm		113.00	50352.80
11	11.2 Providing and making 12mm thick cement plaster of mix:11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)					445.60			

of Work	NO	L	B	H	Qty	unit	Rate	Amount
					445.60	sqm	96.50	43000.40

- 2 12.8 Providing and fixing plain cement concrete fibre reinforced heavy duty designer glazed floor tiles with uniform colour (for coloured tiles) and texture conforming to IS: 1237 (for abrasion wear) and IS : 516 (for compressive strength) of approved make, colours, shades and size on cement Mortar bed and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. 12.8.2 On floor, steps and risers over 20mm thick bed of cement Mortar 1:4 (1 cement : 4 coarse sand)

sitting area	2	9.00	9.00	
entrance area	1	9.00	9.00	

162.00
81.00

243.00 sqm 905.00 219915.00

- 13 12.10 Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved 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.12.10.1 Size 300x300mm

fountain floor	1	10.00	1.50	
wall	1	23.00		1.200

15.00
27.60

42.60 sqm 858.00 36550.80

- 14 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 12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks

path	2	67.54	1.50	
	2	57.54	1.50	
	1	15.00	1.50	

202.62
172.62
22.50

397.74 sqm 632.00 251371.68

of Work	NO	L	B	H	Qty	unit	Rate	Amount
23 Providing and fixing in position main 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. <u>9.43.1</u> Aperture 50x50mm								

1 280.00

1.500 420.00 sqm 331.00 139020.00

- 21 9.1 Structural steel work in single
section including cutting, hoisting,
fixing in position and applying a
priming coat of red oxide zinc
chromate primer.

Considering ISA 75X75X5 @ 5.70

kgs /m column

Top

Diagonal Bracing after 4 panels

140 2.00 5.70

1596.00

1 280.00 5.70

1596.00

35 2.50 5.70

498.75

3690.75 Kgs 61.50 226981.13

- 22 14.22 Painting on new work (two
or more coats) to give an even
shade with: 14.22.1 Satin synthetic
enamel paint
Cahin link fencing

2 420.00

840.00 Kgs 55.00 46200.00

- 23 14.16 Painting exterior surface with
PREMIUM 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:14.16.1
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)

781.05 sqm 75.50 58969.28

Total 2329232.162

PART B(LANDSCAPING WORK)

(based on rates of CG pwd Building Sor Effective from 2015)

- 1 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).

land scaping area

2 24.00 9.00 0.150

64.80

64.80 cum 236.00 15292.80

	of Work	NO	L	B	H	Qty	unit	Rate	Amount
	2 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).					64.80	cum	201.00	13024.80
3	22.9 Mixing earth and sludge or manure in proportion specified or directed.					129.60	cum	11.00	1425.60
4	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).					129.60	cum	17.50	2268.00
5	Grassing With Doob Grass including watering and maintainance of lawn for 30days or more till the grass forms in thick lawn free from weeds and fit for moving including supplying good earth if needed (the good earth shall be paid seperatly)								
	in row 5 cm apart in either direction	2	24.00	9.00		432.00	sqm	6.50	2808.00
6	22.25 Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:								
A	22.25.1 Hedges like Alife, Dorenta, Tikoma etc					200.00	EACH	14.00	2800.00
B	22.25.2 Furn like Arica, China etc (3 year old)					10.00	EACH	125.00	1250.00
C	22.25.3 Hibiscus (Flower)/ Rose					10.00	EACH	26.50	265.00
D	22.25.4 Carpet grass (well developed)	2	24.00	9.00		432.00	EACH	263.00	113616.00
									152750.20

LANDSCAPING WORK

(based on rates of CG pwd road Sor Effective from 2015)

7	12.6 Providing and planting of 3"0" to 4"0" heightened wasingtonia, filipheria/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.					10.00	EACH	935.00	9350.00
8	12.7 Providing and planting of 4"0" to 5"0" heightened 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.					5.00	EACH	660.00	3300.00
9	12.14 Cement art Mural work	1	16.00	2.00		32.00	sqm	3500.00	112000.00
									124650.00

PART C (Borewell)

(based on rates of CG pwd Building Sor Effective from 2015)

	of Work	NO	L	B	H	Qty	unit	Rate	Amount
	2 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).					64.80	cum	201.00	13024.80
3	22.9 Mixing earth and sludge or manure in proportion specified or directed.					129.60	cum	11.00	1425.60
4	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).					129.60	cum	17.50	2268.00
5	Grassing With Doob Grass including watering and maintainance of lawn for 30days or more till the grass forms in thick lawn free from weeds and fit for moving including supplying good earth if needed (the good earth shall be paid seperatly) in row 5 cm apart in either direction	2	24.00	9.00		432.00	sqm	6.50	2808.00
6	22.25 Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:								
A	22.25.1 Hedges like Alife, Dorenta, Tikoma etc					200.00	EACH	14.00	2800.00
B	22.25.2 Furn like Arica, China etc (3 year old)					10.00	EACH	125.00	1250.00
C	22.25.3 Hibiscus (Flower)/ Rose					10.00	EACH	26.50	265.00
D	22.25.4 Carpet grass (well developed)	2	24.00	9.00		432.00	EACH	263.00	113616.00
									152750.20

LANDSCAPING WORK

(based on rates of CG pwd road Sor Effective from 2015)

7	12.6 Providing and planting of 3"0" to 4"0" heighted wasingtonia, filipheria/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.					10.00	EACH	935.00	9350.00
8	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.					5.00	EACH	660.00	3300.00
9	12.14 Cement art Mural work	1	16.00	2.00		32.00	sqm	3500.00	112000.00
									124650.00

PART C (Borewell)

(based on rates of CG pwd Building Sor Effective from 2015)


of Work		NO	L	B	H	Qty	unit	Rate	Amount
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.									
21.1.1 All types of soil						30.00	meter	339.00	10170.00
B 21.1.1.3 150 mm dia.									
21.1.2 Rocky strata including Boulders.									
C 21.1.2.2 125 mm dia.						50.00	meter	349.00	17450.00
21.3 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. 21.3.3 150 mm nominal size dia.						30.00	meter	349.00	10470.00
D 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 Engineerin-charge.						10.00	meter	546.00	5460.00
21.4.2 125 mm nominal size dia.									
21.10 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 drawdown 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.						48.00	Hrs	654.00	31392.00
E 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						1.00	Each	1055.00	1055.00


of Work	NO	L	B	H	Qty	unit	Rate	Amount
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 ubmission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)					5.00	Each	1502.00	7510.00
G 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 ubmission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)					5.00	Each	1502.00	7510.00

Total 91017.00

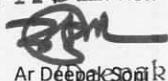
PART D(GARDEN CHAIR & PLAYING EQUIPMENT)

1 Garden Chair Supplying & fixing of Garden Chairs made up of Cast iron M.S. 50X25X1.2 mm thick for 3 seater code (RC 106BN)	6.00 nos	12000.00	72000.00
2 Marie Go Round 4 seater small Supplying & fixing of M.S. marie Go Round as per Direction code (RC 506 MGR)	1.00 nos	45000.00	45000.00
3 Half Slide 2.50 m Long Supplying & fixing of FRP Slide with M.S. steps	1.00 nos	35000.00	35000.00
4 Swing Double Supplying & fixing of SEE- SAW Double make of M.S. Complete in all respect	1.00 nos	35000.00	35000.00
5 Dust Bins Supplying & fixing of FRP Dust Bin as directed by engineer in charge	5.00 nos	5000.00	25000.00
			212000.00


Sub Engineer
Municipal Corporation
Korba (C.G.)


Assitant Engineer
Municipal Corporation
Korba (C.G.)

Executuve Engineer
Municipal Corporation
Korba (C.G.)


For : SPACE & VIEW

Ar Deepank Soni
Architect & Civil Engineer


OFFICE OF THE MUNICIPAL CORPORATION KORBA
SCHEDULE OF WORKS
FOR THE CONSTRUCTION OF PROPOSED GARDEN AT CANAL ROAD IN KORBA
TOWN WARD NO 11

	PWD ELECTRICAL SOR 2015				
	ELECTRICAL WORK				
S.NO	Description	Unit	Qty	Rate	Amount
1	17.1 Supplying and laying following sizes one number PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. 17.1.22 4 x 10 sq. mm.	METER	100.00	278.00	27800.00
2	5.11 Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required. 5.11.2 2 x 1.5 sq. mm	METER	50.00	33.00	1650.00
3	8.30 Supplying , installation testing and Commissioning of following 230/250 volts LED street Light Fittings with all accessories like driver, heat sink made of die cast aluminum with IP 65 protection and 5K V surge protection on pole bracket complete as required and furnishing 2 yrs guarantee certificate from manufacturer				
	8.30.2 40-45 WATT	EACH	6.00	9534.00	57204.00
4	21.7 Supply of hot dipped galvanized (in single dip to average 65 micron) octagonal pole made of 3mm thick steel plate 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 including template 3mm thick anchor plate 4 nos 16mm dia foundation bolts of EN8 grade(designed for Wind Speed 150 km /hrs)				
	21.7.2 7metre high, minimum dia 135mm at bottom and 70mm at top base plate size 225x225x16mm foundation bolts 750 mm long	each	6.00	10273.00	61638.00
5	21.11 ERECTION OF GI OCTOGONAL/ TUBULAR POLE ON EXISTING CEMENT CONCRETE FOUNDATION HAVING GROUTED BOLTS AND NUTS, ALIGNING IN TRUE VERTICAL POSITION AS REQUIRED. 3.0M LENGTH	EACH	6.00	756.00	4536.00

NO	Description	Unit	Qty	Rate	Amount
6	21.9 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 required. <u>21.9.2</u> Single Over Hang 1.00 metre Long	EACH	6.00	1030.00	6180.00
7	21.16. Supplying and fixing of 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 nos GI nuts bolts complete as required 21.17.2 250X200X125 mm for Single phase				
		EACH	6.00	799.00	4794.00
8	21.22 PAINTING OF FOLLOWING HEIGHT STEEL TUBELER POLES WITH TWO COAT OF APPROVED COLOUR AND SHADE SYNTHATIC ANAMEL PAINT INCLUDING CLEANING THE SURFACE AS REQUIRED.				
	21.22.2 UPTO 6 METER	EACH	6.00	165.00	990.00
9	21.12 Designing and Providing Suuitable RC foundation in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4graded stone aggregate) for 3to 12 m high Gi octagonal pole including steel resinfocement (minimum 90 kgs per cum) form work embedding 2 nos 50mm dia PVC pipe fpr cable entry in eachfoundation excavtion disposal of surplus soil and curing etc complete				
		Cum	0.50	4906.00	2453.00
	17.1 Supplying and laying following sizes one number PVC insulated, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	17.1.22 4 x 10 sq. mm.	meter	200.00	205.00	41000.00

Sl. No.	Description	Unit	Qty	Rate	Amount
	26.9 Supplying, installation, testing and commissioning of submersible pump set for water supply system having 1.5 HP, single phase, 230 volts AC induction submersible motor directly coupled with solid coupling to multi-stage submersible pump of discharge capacity of 200 LPM at a head of 60 metres, delivery size 50 mm, in existing bore well of dia. 1000/ 12000 mm, including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection etc. as required.				
		set	1.00	17108.00	17108.00
		set	1.00	4441.00	4441.00
	26.25 Supply, installation, testing and commissioning of cubicle type wall/ floor mounted power cum control panel made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as required. a) Phase indicating lamps with fuses and toggle switches 1 set b) DOL. starter suitable for 5 HP 3 phase AC induction motor with over load and no volt relay c) 32 A "C" series TPMCB 1 No d) Voltmeter 0-500 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector				
					229794.00
				Say RS	230000.00


Sub Engineer Nagar
palik nigam korba


Assitant Engineer
Nagar palik nigam
korba

Executive Engineer
Nagar palik nigam
korba

For : **SPACE & VIEW**
for Space & View

Ar Deepak Soni
(Deepak Soni)
Architect & Civil Engineer

