

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

फा.क./निर्माण / 20120 2020 / 851 3

सिस्टम टेन्डर नं. 58970
ई-निविदा आमंत्रण सूचना

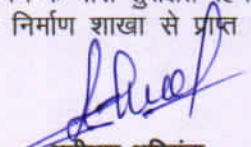
कोरबा, दिनांक 07/02/2020

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, (विद्युत) दिनांक 01.01.2015 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार प्रतिशत दरो पर निम्नलिखित निर्माण कार्य हेतु ऑनलाईन ई-निविदा आमंत्रित की जाती है :-

क्र.	कार्य का नाम	प्राक्कलन राशि लाख में	धरोहर राशि रू में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क 17 में सामुदायिक भवन के पास गार्डन का निर्माण कार्य	50.00	37500/-	04 माह	वर्ग डी एवं प्रवर श्रेणी	29.02.2020 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/पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री एवं उद्घानिकी में स्नातक 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।
- निविदाकार का विगत तीन वित्तीय वर्षों में किसी भी वित्तीय वर्ष में इस प्रकार के कार्य के 40 प्रतिशत प्राक्कलन राशि अथवा अधिक का कार्य सम्पादन का अनुभव अनिवार्य है। कार्यपालन अभियन्ता एवं उच्च अधिकारी से जारी प्रमाण पत्र ही मान्य होगा। अनुभव प्रमाण पत्र किसी शासकीय विभाग द्वारा अथवा किसी शासकीय उपक्रम/संस्था द्वारा जारी होना चाहिए।
- 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 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।


अधीक्षक 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		07.02.20	10.30	07.02.20	10.30	Release Tender
2		Bid Submission	07.02.20	10.30	28.02.20	17.30	
3	Tender Open		29.02.20	10.30	--	--	


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


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

MASTER ABSTRACT

**FOR THE DEVELOPMENT OF GARDEN NEAR SAMUDAYIK BHAWAN AT WARD
NO 17 KORBA (C.G.)**

S.NO.	DESCRIPTION	UNIT	ESTIMATED COST
1	CIVIL WORKS The Calculation are based on Rates of C.G. Public Works Department (Building Work) effective from year 01/01/2015	RS	3239910.00
2	ELECTRICAL WORKS The Calculation are based on Rates of C.G. Public Works Department (Electrical Work) effective from year 01/08/2015	RS	349436.00
3	LANDSCAPING WORKS ON BUILDING SOR The Calculation are based on Rates of C.G. Public Works Department (Building Work) effective from year 01/01/2015	RS	150669.40
	ON ROAD SOR The Calculation are based on Rates of C.G. Public Works Department (Road Work) effective from year 01/01/2015	RS	539975.00
4	PLAYING EQUIPMENT The Calculation are based on NON SOR RATE Analysis	RS	
5	BOREWELL WORKS The Calculation are based on Rates of C.G. Public Works Department (Building Work) effective from year 01/01/2015	RS	91017.00
Total			5000007.40
Say RS			5000000.00

In Words : FIFTY Lacs Only


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

Astt. Engg.
Municipal Corporation
Korba (C.G.)


Exe. Engg.
Municipal Corporation
Korba (C.G.)

T. S. No. 332/2019 Dt. 20.11.2019

Technically Approved for Construction of The development of Garden Near Samudayik Bhawan at WARD NO 17 KORBA (C.G.)

In Ward No. 17 For Rs. 50,00,000/-
(in words) Rs.

FIFTY LAKHS ONLY


Superintending Engineer
Municipal Corporation
KORBA (C. G.)

OFFICE OF THE MUNICIPAL CORPORATION KORBA DISTT KORBA

DETAILED ESTIMATE

FOR THE DEVELOPMENT OF GARDEN NEAR SAMUDAYIK BHAWAN AT WARD NO 17

Sl.	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								
	children play area	2	65.00	0.40	0.450			23.40	
	lawn area	2	205.00	0.40	0.450			73.80	
	inner area of path in front of landscap	1	50.00	0.40	0.450			9.00	
	fountain	1	10.00	1.50	0.600			9.00	
		2	4.00	0.40	0.600			1.92	
	entrance gate column	2	2.50	1.50	1.200			9.00	
								126.12 cum	185.00
									23332.20

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	15.00	10.00	0.200			60.00	
	FLOWER BED	2	14.00	8.00	0.200			44.80	
	MID LANDSCAPE	1	12.00	12.00	0.200			28.80	
	REAR FLOWER BED	1	50.00	3.00	0.200			30.00	
	FRONT FLOWER BED	2	11.00	3.00	0.200			13.20	
	excavated quantity							126.12	
								302.92 Cum	65.00
									19689.80

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 UNDER SUPPORT WALLS

	children play area	2	23.00	18.00	0.200			165.60	
	UNDER SUPPORT WALLS	2	65.00	0.40	0.050			2.60	
		2	205.00	0.40	0.050			8.20	
		1	50.00	0.40	0.050			1.00	
		1	10.00	1.50	0.050			0.75	
		2	4.00	0.40	0.050			0.16	
		2	2.50	1.50	0.100			0.75	
								13.46 cum	371.00
									4993.66

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.

NO	L	B	H	Qty	unit	Rate	Amount	
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: 3.12.2 Thermo-Mechanically treated bars							
	Reinforcement for RCC work . @ 70kg /m3 of RCC	15.86	70.00		1110.48 kgs	54.50	60521.16	
7	1.26 Carriage by mechanical transport upto 5 km lead: 1.26.1 Earth lawn area filling							
					44.80			
					44.80 cum	110.00	4928.00	
8	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: 7.5.3 Cement Mortar 1:5 (1 cement : 5 coarse sand)							
	rear wall of pedestal	2	65.00	0.30	0.600	23.40		
		2	205.00	0.30	0.600	73.80		
		1	50.00	0.30	0.600	9.00		
		1	10.00	0.30	0.600	1.80		
	steps	2	4.00	0.30	0.600	1.44		
	founatin wall	1	24.00	0.30	1.200	8.64		
	wall behind fountain	1	9.00	0.30	2.500	6.75		
					109.44 Cum	3350.00	366624.00	
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:							
					6.75			
					9.00			
					75.24			
					90.99 Cum	121.00	11009.79	
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) over old wall compound							
		1	157.00		0.75	117.75		
		2	65.00		0.60	78.00		
		2	205.00		0.60	246.00		
		1	50.00		0.60	30.00		
		1	10.00		0.60	6.00		
		2	4.00		0.60	4.80		
	founatin wall	1	24.00		1.20	28.80		
	wall behind fountain	1	9.00		2.50	22.50		
	top edge	1	9.00	0.30		2.70		
					Total	536.55 sqm	113.00	60630.15
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)							
						536.55		

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
					536.55	sqm	96.50	51777.08

12 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)

Fron path	1	47.00	8.00				376.00	
mid path	1	17.00	6.00				102.00	
rear path	2	12.00	12.00				288.00	
	2	40.00	2.00				160.00	
entrance area	1	6.00	6.00				36.00	

962.00 sqm	905.00	870610.00
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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				15.00	
wall	1	23.00		1.200			27.60	

42.60 sqm	858.00	36550.80
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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	21.00	2.00				84.00	
	2	18.70	3.00				112.20	
	2	7.00	2.00				28.00	

224.20 sqm	632.00	141694.40
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	Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
15	12.48 8 mm thick Table rubbed polished Granite stone tile in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete. <u>12.48.3</u> Granite stone lakha red/ shahi red								
	wall s sides	1	157.00			0.300		47.10	
	Fountain front wall	1	22.40			0.600		13.44	
							60.54 sqm	2111.00	127799.94
16	12.46 15 mm thick Table rubbed polished Granite stone slab in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m). <u>12.46.2</u> Granite stone black								
	top of walls	1	608.00	0.30				182.40	
	front steps	3	9.00	0.45				12.15	
	last steps	1	12.00	0.90				10.80	
							205.35 sqm	2719.00	558346.65
17	<u>13.19</u> Extra for providing edge moulding to 15mm thick stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. <u>13.19.2</u> Granite work								
		2	608.00					1216.00	
		3	9.60					28.80	
		1	12.60					12.60	
							1257.40 sqm	172.00	216272.80
18	13.5 8mm thick Granite tile work (machine cut, table rubbed & mirror polished) for wall lining (vener work) in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with cement mortar 1:2 (1 white cement : 2 marble dust) mixed with matching pigment. <u>13.5.3</u> Granite stone lakha red/ shahi red for gate column and beam rear wall of fountain								
	for gate column and beam	4	1.2			5.000		24.00	
	rear wall of fountain	1	9.00			1.000		9.00	
							33.00 sqm	2420.00	79860.00

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
20 9.15 Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer	1	157.00	0.60	20.000	1884.00	kgs	67.50	127170.00
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	57	0.80	5.70		259.92			
					259.92	Kgs	61.50	15985.08
22 14.22 Painting on new work (two or more coats) to give an even shade with: 14.22.1 Satin synthetic enamel paint	2	94.20			188.40	sqm	55.00	10362.00
23 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: 14.15.1 On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) existing wall	2	157.00	0.75		235.50	sqm	56.00	13188.00
Total								3237203.898

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	15.00	10.00	0.150	45.00			
	2	14.00	8.00	0.150	33.60			
	1	12.00	12.00	0.150	21.60			
	1	50.00	3.00	0.150	22.50			
	2	11.00	3.00	0.150	9.90			
					132.60	cum	236.00	31293.60

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
2 22.2 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).					132.60	cum	201.00	26652.60
3 22.9 Mixing earth and sludge or manure in proportion specified or directed.					265.20	cum	11.00	2917.20
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).					265.20	cum	17.50	4641.00
5 Grassing With Doob Grass including watering and maintenance 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 separately) in row 5 cm apart in either direction	2	15.00	10.00		300.00	sqm	6.50	1950.00
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	15.00	10.00		300.00	EACH	263.00	78900.00
								150669.40

LANDSCAPING WORK

(based on rates of CG pwd road Sor Effective from 2015)
5.00 EACH 935.00 4675.00

7 12.6 Providing and planting of 3"0" to 4"0" heighted wasingtonia, fillipheria/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.								
					5.00	EACH	660.00	3300.00
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.								
9 12.14 Cement art Mural work	1	76.00	2.00		152.00	sqm	3500.00	532000.00
								539975.00

PART C (Borewell)

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

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Sl.	Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
A	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.								
	21.1.1 All types of soil								
B	21.1.1.3 150 mm dia.					30.00	meter	339.00	10170.00
	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 Engineer-in-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

Sl	Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
F	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 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 submission 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)
- 2 Marie Go Round 4 seater small
Supplying & fixing of M.S. marie Go Round as per Direction code (RC 506 MGR)
- 3 Half Slide 2.50 m Long
Supplying & fixing of FRP Slide with M.S. steps
- 4 Swing Double
Supplying & fixing of FSEE- SAW Double make of M.S. Complete in all respect
- 5 Dust Bins
Supplying & fixing of FRP Dust Bin as directed by engineer in charge

PART B (ELECTRICAL WORKS)

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

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
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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.

75.00 METRE 278.00 20850.00

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

50.00 METER 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

20.00 EACH 4890.00 97800.00

8.30.1 25-30 WATT

4. 21.6 Supply of hot dipped galvanized (in single dip to average 65 micron) octagonal pole made of 3mm thick steel 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 including 3mm thick anchor plate, 4 nos 16mm dia foundation bolts of EN8 grade. (designed for wind speed upto 150km/hr)

21.6.2 4 metre high, dia 130mm at bottom and 70mm at top, base plate size 200x200x12mm, foundation bolts 450mm long

20.00 each 5131.00 102620.00

5. 21.11.2 ERECTION OF GI OCTOGONAL/ TUBULAR POLE ON EXISTING CEMENT CONCRETE FOUNDATION HAVING GROUTED BOLTS AND NUTS, ALIGNING IN TRUE VERTICAL POSITION AS REQUIRED. 4.0 M HIGHT

20.00 EACH 547.00 10940.00

Sl. No.	Item of Work	NO	L	B	H	Qty	unit	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. 21.9.2 Single Over Hang 1.00 metre Long								
						20.00	EACH	1030.00	20600.00
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								
						20.00	EACH	799.00	15980.00
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. 21.22.1 UPTO 6 METER								
						20.00	EACH	99.50	1990.00
9	16.2 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 sand etc as required 16.2.2 75 mm outer dia								
						100.00	Metre	179.00	17900.00
10	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 26.3.1 1.0 HP, single phase								
						1.00	each	15866.00	15866.00

Sl. No	Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
11	Supplying, installation, testing and commissioning of centrifugal type mono-block self priming electric pump set suitable for single phase, 230 volts AC supply including connection of suction and delivery line etc. as required. 26.1.1 0.25 HP single phase					1.00	each	2938.00	2938.00
12	26.6 Supplying and fixing following dia HDPE pipe PE-80 Grade (8kg/sqcm) in single length in the suction/ delivery line of water supply pump etc. as required. 26.6.1 32 mm outer dia 26.6.2 50 mm outer dia					30.00	Metre	62.50	1875.00
						100.00	Metre	132.00	13200.00
13	26.8 Supplying and fixing of following sizes GM non return valve ISI mark in the suction/ delivery line etc. as required. 26.8.6 32 mm dia.					1.00	each	652.00	652.00
14	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 Inter-connection 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					1.00	each	4125.00	4125.00
15	Supplying and fixing M.S. clamp 50 cm long made of 50mmx5mm thick M.S. Flat for holding the pipes and submerable pump set as required.					50.00	Metre	314.00	15700.00
16	26.14 Supplying, laying and fixing following size submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as required 26.14.2 3x2.5 sqmm					50.00	Metre	67.50	3375.00
17	Supplying and making water proof joint with heat shrinkable joint kit including copper ferrules for following size of 3 core submersible copper conductor cable of 1.1 KV grade as required.26.15.2 3x2.5 sqmm					2.00	each	275.00	550.00

Sl	Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
18	Supplying and laying of approved make stainless steel wire rope of 6 mm dia for support of submersible pump set complete with tying to pump set and pump holding clamp.					50.00	meter	16.50	825.00
									349436.00

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. DEEPAK SOMI
DCE, HIA, MCA
Regd. No. CA/20641E, 5-13341

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