

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

फा.क./निर्माण /2019

सिस्टम टेन्डर नं. 51957  
ई-निविदा आमंत्रण सूचना


कोरबा, दिनांक 14.06.2019

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 एवं (विद्युत)दिनांक 01.08.2048, (सड़क) दिनांक 01.01.2015 से प्रमावशील 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 12 शारदा विहार में गार्डन का सौंदर्यीकरण एवं विकास कार्य	86.35	64800/-	10 माह	वर्ग सी एवं प्रवर श्रेणी	05.07.2019 से

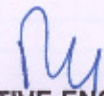
शर्त:-

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 उन्हे 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 (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 उद्यानिकी 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।
4. निविदाकार का विगत तीन वित्तीय वर्षों में किसी भी वित्तीय वर्ष में उद्यानिकी विकास कार्य के 50 प्रतिशत प्राक्कलन राशि अथवा अधिक का कार्य सम्पादन का अनुभव अनिवार्य है। कार्यपालन अभियंता 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।
5. 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।
6. 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।
7. 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।
8. 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।
9. ईट से संबंधित निर्माण कार्यों में फ्लाइ एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
10. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
11. 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।
12. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
13. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
14. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
15. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।

  
कार्यपालन अभियंता  
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		13.06.19	22.30	14.06.19	22.30	Release Tender
2		Bid Submission	14.06.19	22.30	04.07.19	17.30	
3	Tender Open		05.06.19	10.30	--	--	

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

**OFFICE OF THE MUNICIPAL CORPORATION KORBA DISTT KORBA**

**DETAILED ESTIMATE**

**DEVELOPMENT AND BEAUTIFICATION OF GARDEN IN WARD NO 12 SHARDA VIHAR**

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 wall for children play area	1	140.00	0.30	0.400			16.80	
	for Entrance pavement	1	45.00	0.30	0.400			5.40	
	For Open Gym Area	2	65.00	0.30	0.400			15.60	
	For All around pathway	1	206.00	0.30	0.400			24.72	
	For SEASONAL FLOWER BED	1	60.00	0.30	0.400			7.20	
	OTHER INCLUDING ACCUPRESSURE	1	210.00	0.30	0.400			25.20	
	For Outer Beam	1	206.00	0.40	0.300			24.72	
	For Gate Column	2	1.50	1.50	1.500			6.75	
	For outer Periphery column	70	1.20	1.20	1.200			120.96	
								<b>247.35 cum</b>	<b>185.00</b>
									<b>45759.75</b>

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 garden area	1	695.00		0.200			139.00	
	Childrens play area	1	270.00		0.200			54.00	
	flower area	1	300.00		0.200			60.00	
	excavated quantity							247.35	
	For Levelling of Ground	1	38.00	64.00	0.600			1459.20	
								<b>1959.55 Cum</b>	<b>65.00</b>
									<b>127370.75</b>

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 , open gym male & female	1	655.00		0.150			98.25	
	For wall	1	140.00	0.30	0.050			2.10	
		1	45.00	0.30	0.050			0.68	
		2	65.00	0.30	0.050			1.95	
		1	206.00	0.30	0.050			3.09	
		1	60.00	0.30	0.050			0.90	
		1	210.00	0.30	0.050			3.15	
	under path way surrounding	1	230.00		0.100			23.00	
	under Accupressure path way	1	90.00	2.20	0.100			9.00	
	Outer path way	1	206.00	3.00	0.100			61.80	
		1	206.00	0.40	0.100			8.24	
		2	1.50	1.50	0.100			0.45	

222.69 cum      371.00      82616.14

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.

**3.1.2** 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).

wall for children play area	1	140.00	0.30	0.075	3.15
	1	45.00	0.30	0.075	1.01
	2	65.00	0.30	0.075	2.93
	1	206.00	0.30	0.075	4.64
	1	60.00	0.30	0.075	1.35
	1	210.00	0.30	0.075	4.73
	1	230.00		0.100	23.00
under ACCUPRESSURE TILES	1	90.00	2.20	0.075	14.85
Outer path way	1	206.00		0.075	15.45
under outer beam	1	206.00	0.40	0.075	6.18
Column	70	1.20	1.20	0.075	7.56

84.84 cum      2970.00      251967.38

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 pedastal of open gym	5	0.60		1.200	3.60
wall topping	1	791.00		0.075	59.33
outer beam	2	206.00		0.45	185.40
Column Footing	8	1.50		0.450	5.40
	280	1.20		2.000	672.00
Column up to ground level	2	2.00		2.000	8.00
	70	0.30		1.500	31.50

933.73 sqm      73.80      68908.91

**B** **2.1.5** Columns, Pillars, Piers and likes-rectangular or square in shape

Gate Column	2	2.00		5.000	
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20.00 Sqm      297.00      5940.00

**C** **2.1.8** Beams, lintels, cantilevers & walls

Beam sides with pargolla	4	15.00		0.750	45.00
Bottom	2	6.00		0.400	4.80

49.80 sqm      202.00      10059.60

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).

pedastal	5	0.60	0.600	1.200	2.16
wall topping	1	791.00	0.300	0.075	17.80

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
Surrounding beam below fencing	1	206.00	0.300	0.450	27.81			
Footing	2	1.50	1.500	0.450	2.03			
	70	1.20	1.200	0.350	35.28			
Column	2	0.50	0.500	8.000	4.00			
	70	0.30	0.300	2.000	12.60			
Top beam	2	15.00	0.400	0.750	9.00			
					110.67 cum		4163.00	460729.62

- 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 , @ 75 kg /m3 of RCC	110.67	85.00			9407.16 kgs		54.50	512690.36
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- 7 1.26 Carriage by mechanical transport upto 5 km lead: 1.26.1 Earth central area filling

					1959.55			
					1959.55 cum		110.00	215550.50

- 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)

rear wall of pedestal

	1	140.00	0.30	0.400	16.80			
	1	45.00	0.30	0.400	5.40			
	2	65.00	0.30	0.400	15.60			
	1	206.00	0.30	0.400	24.72			
	1	60.00	0.30	0.400	7.20			
	1	210.00	0.30	0.400	25.20			
	1	20.00	0.30	2.000	12.00			
					94.92 Cum		3350.00	317982.00

- 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:  
for Entrance portion

	1	20.00	0.30	2.000	12.00			
					12.00 Cum		121.00	1452.00

- 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	140.00		0.40	56.00			
	1	45.00		0.40	18.00			
	2	65.00		0.40	52.00			
	1	206.00		0.40	82.40			
	1	60.00		0.40	24.00			
	1	210.00		0.40	84.00			
	1	20.00		2.00	40.00			
Total					232.40 sqm		113.00	26261.20

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
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11.2 Providing and making 12mm thick cement plaster of mix:11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)

232.40								
232.40	sqm					96.50		22426.60

12 1.2 Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area)

2487.00	sqm					7.20		17906.40
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13 1.4 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.

100.00	sqm					3.70		370.00
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14 1.3 Felling trees of the girth (measured at a height of 1 m above ground level)including cutting of trunks and branches removing the roots and stacking of serviceable material after cutting in approved sizes and disposal of unserviceable material

2.00	each					132.00		264.00
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1.3.1 Beyond 30 cm girth upto and including 60 cm girth

15 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. ( accupressure Tiles)

12.8.2 On floor, steps and risers over 20mm thick bed of cement Mortar 1:4 (1 cement : 4 coarse sand)

ENTRANCE Area  
Under external path

1	90.00		2.20					198.00
1	230.00							230.00
1	206.00		3.00					618.00

1046.00	Sqm					905.00		946630.00
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Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
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). Granite stone black								

top of Wall and side	2	791.00	0.35		<u>553.70</u>			
					553.70	sqm	2719.00	1505510.30

20 9.43 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. 9.43.1 Aperture 50x50mm

	1	210.00		2.000	<u>420.00</u>	sqm	331.00	<u>139020.00</u>
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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 & bottom

Diagonal Bracing after 4 panels

104	2.00	5.70			1185.60			
2	210.00	5.70			2394.00			
20	2.50	5.70			285.00			
					<u>3864.60</u>	Kgs	61.50	<u>237672.90</u>

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

Chain link fencing

2	420.00				<u>840.00</u>	sqm	55.00	<u>46200.00</u>
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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)

					464.80	sqm	75.50	35092.40
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Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
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11.1 Providing and making 6mm thick cement plaster of mix:								
11.1.1 In Cement mortar 1:3 (1 cement : 3 fine sand)								
Qty equal to shuttering								
							69.80	
						69.80 sqm	93.00	6491.40

25 13.4 15mm thick Granite work (machine cut, table rubbed & mirror polished) for wall lining (veneer 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. (Area of slab should be over 0.5 sqm); 13.4.3 Granite stone lakha red/ shalimar red								
Gate Column	2	2.00			5.000		20.00	
Beam	2	8.00			0.600		9.60	
							29.60 Sqm	4258.00
								126036.80

26 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)								
							200.00 sqm	75.50
								15100.00

27 9.57 Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case balcony or other places with metal fasteners and stainless steel bolts etc complete. 9.57.2 SS Grade 304								
	1	4.00	3.00		15.000		180.00	
							180.00 kgs	525.00
								94500.00

28 12.6 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, tamping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm								
	1	62.00	3.00				186.000 sqm	632.00
								117552.00
12.6.2 Pigment Coloured (rubber mould) precast interlock concrete blocks								



## 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	1	695.00	0.150	104.25		
	1	270.00	0.150	40.50		
mid area	1	300.00	0.150	45.00		
				<b>189.75 cum</b>	<b>236.00</b>	<b>44781.00</b>

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).

1648.95 cum 201.00 331438.95

3 22.9 Mixing earth and sludge or manure in proportion specified or directed.

1838.70 cum 11.00 20225.70

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).

1838.70 cum 17.50 32177.25

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

1 695.00 695.00 sqm 6.50 4517.50

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		500.00 EACH	14.00	7000.00
B	22.25.2 Furn like Arica, China etc (3 year old)		30.00 EACH	125.00	3750.00
C	22.25.3 Hibiscus (Flower)/ Rose		50.00 EACH	26.50	1325.00
D	22.25.4 Carpet grass (well developed)	1	1265.00 sqm	263.00	332695.00

777910.40

## LANDSCAPING WORK

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

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
12.6 Providing and planting of 3"0" to 4"0" heighted wasingtonia, philipharia/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.					30.00	EACH	935.00	28050.00
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.					30.00	EACH	660.00	19800.00
9 12.13 Human and other sculptures (a) 5 to 7 feet					5.00	EACH	75000.00	375000.00
10 12.14 Cement art Mural work	1	20.00	2.00		40.00	sqm	3500.00	140000.00
11 Construction of RCC open drain 0.60m x 0.60m inside dimension lined with 120 mm thick RCC M-20 walls, 120 mm thick CC M-20 foundation, over 100 mm thick (Av) leveling course in PCC M-15 including excavation , dressing of sides and bottom, provision of HYSO reinforcement consisting 8 mm dia horizontal bars @ 150 mm c/c and L-shaped 8 mm dia vertical bars @ 150 mm c/c (L= 800 mm) including cutting , bending and binding wire, placing in position , providing shuttering and concreting by using concrete mixer, compaction by vibration etc complete as per drawings and technical specifications.	1	110.00			110.00	Meter	2592.00	285120.00
								847970.00

### PART C (Borewell)

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

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					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

Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
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
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

Sl.	Item of Work	NO	L	B	H	Qty	unit	Rate	Amount
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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)					10.00	nos	12000.00	120000.00
2	Marie Go Round 4 seater small Supplying & fixing of M.S. marie Go Round as per Direction code ( RC 506 MGR)					2.00	nos	45000.00	90000.00
3	Half Slide 2.50 m Long Supplying & fixing of FRP Slide with M.S. steps					2.00	nos	35000.00	70000.00
4	Swing Double Supplying & fixing of FSEE- SAW Double make of M.S. Complete in all respect					2.00	nos	35000.00	70000.00
5	Twister					2.00	each	80000.00	160000.00
6	Arm Wheel					2.00	each	80000.00	160000.00
7	sky walker					2.00	each	40000.00	80000.00
8	parallel bar					2.00	each	30000.00	60000.00
9	push and pull chair					2.00	each	35000.00	70000.00
10	rowing machine					2.00	each	90000.00	180000.00
									1060000.00

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

  
Assitant Engineer  
Municipal Corporation  
Korba ( C.G.)

  
Executuve Engineer  
Municipal Corporation  
Korba ( C.G.)

for, Space & View

For : SPACE & VIEW

  
(Deepak Soni)  
Architect & Civil Engine