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

फा.क./निर्माण /2018 /2 7*4*

सिस्टम टेन्डर नं. 49775 ई—निविदा आमंत्रण सूचना

कोरबा, दिनांक 18/02/2019

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

क	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रू में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क 53 दर्रीखार अंतर्गत उद्यान का निर्माण कार्य	4964000.00	37300/-	06 माह	वर्ग डी एवं प्रवर श्रेणी	15.03.2019 से

शर्तः-

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 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 (साड़ा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर

पालिक निगम (साडा) के हित के विरूद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।

उ. इच्छुंक 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 नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्केन कापी ऑनलाईन सिस्टम पर अपलोड करना अनिवार्य होगा।

4. 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

गाएंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।

 जिन निविदाकारों द्वारा कर्मचारी मिवष्य 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।

7. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् 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।

9. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।

10. 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 परफारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॅाजिट 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 समयाविध में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।

निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा।

12. 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 सरक्षित रहेगा।

14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है।

> कार्यपालन अभियंता नगर पाक्रिक निगम कोरबा (छत्तीसगढ़)

Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Star	t	Expi	ry	Remarks
No.			Date	Time	Date	Time	
1	Release Tender		18.02.19	18.00	18.02.19	18.00	Release Tender
2		Bid Submission	18.02.19	18.00	14.03.19	17.30	
3	Tender Open		15.03.19	10.30	-		

EXECUTIVE ENGINEER

KORBA (CG)_
For Commissioner Korba (C.G.)

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

DETAILED ESTIMATE

Name of Work: const. of garden at darrikhaar w. no..53
As per SOR: SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

			ITEM DESCRIPTION	N	L		H/D	QT	UNIT	RATE	AMOUN
10.00	-	1	Excavation for all types and sizes of foundations,			-					7100
			trenches and drains or for	100		-	-				
			any other purpose		San Inc						
			including disposal of	200	-		0.20				
			excavated stuff upto 1.5 m			200	0.10				
			lift and lead upto 50m (at			3183	10.10				
			least 5m away from the								
			excavated area), including								
			dressing and leveling of		750 00	100			Billi	3/1.10	
			pits.							242.00	
		1.1	In all types of soils.								
			-col.	120	1.30	1.30	4.00				
			-wall	1	144.00	0.50	1.20	243.36			
			dish deposited layer by	2	290.00	0.50	0.50	36.00			
			remains and watering.	1	240.00	3.00	0.50	145.00			
			including drawing etc.	20x2	0.70	0.40	0.20	144.00			
			ecsiples.	1	30.00	3.00	0.40	4.48			
			Catriago by esectionical			0.00	Total	18.00			
	2 1	.2 5	Surface dressing of the	1	125.00	75.00	TOTAL	590.84 9375.00	cum	185.00	109305.4
		in 1 in rule av	ground including removing regetation and making up undulations and nequalities not exceeding 5 cms in depth/ height including disposal of abbish upto 1.5 m lift and ead upto 50m (at least 5m way from the dressed rea).					200.0		7.20	67500.00
	1.17	Fi	lling from available								
		ex	cavated stuff (Excluding					286.00	cum	65.00	18590.00
		ro	ck) in trenches, plinth.								
		sic	les of foundation etc. in		1.2	13	0.1				
		lay	ers not exceeding		279.0	0.0					
			cm in depth		200.00	0.60		-			
		COI	nsolidating each	204	0.76	04					
		dep	posited layer by ramming		30.00	3.0	0.1				
		and	d watering with a lead								
		M.	o 50 M. and lift upto 1.5								
	1.18	Duo	viding and filling in				1618		THE PERSON NAMED IN		anne in ch

Powered By: Estimate Maker Softwar Pg. 1

3	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
2	1	plinth with sand/ Crusher								
6	2	dust and hard moorum								
		under floor in layers not								
		exceeding 20cm in depth								
		consolidating each								
		deposited layer by								
		ramming and watering,								
		including dressing etc.		in m	7 7 7 7 7	1.00	10.70		Internal	
		complete.							-	
		complete.	120	1.30	1.30	0.10	20.28			
			120	240.00	3.00	0.20	144.00			
		Programme and making	20x2	0.70	0.40	0.10	1.12			
			1	30.00	3.00	0.10	9.00			
			1	30.00	3.00	0.10	9.00			
		Chicken some some sign								
						Total	174.40	cum	371.00	64702.40
5	1.19	Providing filling and	1	240.00	3.00	0.20	144.00	cum	242.00	34848.00
		compacting local earth				0.20				01010100
		(from approved source pit)								
		in layers not exceeding								
		20cm in depth consolidating			*					
		each deposited layer by								
					-					
		ramming and watering,								
		including dressing etc.	100	1.14	1.10					
	100	complete.								
6	1.26	Carriage by mechanical								
		transport upto 5 km lead:								
	26.1	Earth					200.00	cum	111.00	22200.00
7	3.1	Providing and laying								
		nominal mix plain cement	186	9.76	. 0.71	1139	1.60			
		concrete with crushed	1731	0.78	0.20		8.78			
		stone aggregate using		300.00	0.20	0.301	18.00			
		concrete mixer in all	20	1.50	0.70	FE	3 15			
		works upto plinth level					15.00			
		excluding cost of form								
		work.								
	1.3	1:3:6 (1 cement : 3				Total	TO TOTAL		4183.00	de la constantina
10		coarse sand : 6 graded							100.00	
		stone aggregate 40mm							100.00	
		nominal size).								
		1000000	120	1.20	1.20	0.10	17.28			
		In a La Comment of Fernies	1	276.00	0.50	0.10	13.80			
		manal and has along wath	2	290.00	0.50	0.10	29.00			
		control parter in Center	20x2	0.70	0.40	0.08	0.89			
		Mona 13 (1 Cenant c)	1	30.00	3.00	0.10	9.00			
		er-recentorization delication			5.50	0.70	0.00			
	- 80	ASSESSMENT OF THE PROPERTY OF								
11	3	Francisco procupita-				Total	69.97	cum	2970.00	207810.90
8	3.1	Providing and laying								

	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1		nominal mix plain cement								
		concrete with crushed								
	-	stone aggregate using								
		concrete mixer in all								
		works upto plinth level								
		excluding cost of form								
		work.								
	1.5	1:11/2:3 (1 cement: 11/2	1	30.00	3.00	0.20	18.00	cum	4073.00	73314.00
		coarse sand : 3 graded								
	75	stone aggregate 20mm								
		nominal size).								
9	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		778.03	7000	8.0	33.17			
		work.		200.00	0.00	0.00	40.40			
	2.1	1:11/2:3 (1 cement: 11/2					100,40			
		coarse sand : 3 graded	70.7	0.71			990			
		stone aggregate 20mm		0.79			6.60			
		nominal size).								
		-co.l	120	1.10	1.10	0.25	36.30			
		- ,Column Footing = 1/6	120			.35	26.67			
		(NxH)(A1+A2+4Am)								
		,A1=1.1x1.1,								
		A2=,0.25x0.25,					100 13			
		Am=(1/2)(1.1X1.1+0.25x0.2								
		(X	120	0.20	0.20	0.35	1.68			
			120	0.20	0.20	1.20	5.76			
		-plinth beam	1	300.00	0.20	0.30	18.00			
		and acoleina a relating	20	1.50	0.70	0.15	3.15			
		cont of red oxide zinc					15.00			
		classinate mitner								
	112	In pretings frames guard				Total	106.56	Alles	4400.00	442000 00
10	3.9	Extra for precast PCC/ RCC				Total	3.15	cum	4163.00 469.00	443609.28 1477.35
	5.5	work of any mix including					0.10	ouili	403.00	1411.30
		form work, hoisting and								
	11.87	fixing in Cement Mortar.								
		1:2 (1 Cement : 2 coarse								
		sand) and finishing with								
		the state of the s								
		Cement plaster in Cement								
		Mortar 1:3 (1 Cement : 3								
	. 8	coarse sand) but excluding								
	0.40	reinforcement.								
11	3.12	Providing and placing in								
		position reinforcement for								

RE	FI	TEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
10		R.C.C. work including					1000 00		667.00	487000.00
	2	straightening, cutting,								
		bending, binding etc.								
		complete as per drawings								
		including cost of binding					- 93.00	egn .	25.50	93122.68
		wire in foundation and								
		plinth all complete:					0500.00	lu-	54.50	517750.00
12.	1	Thermo-Mechanically					9500.00	kg	54.50	317730.00
		treated bars FE 415								
12 7.5	5	Brick work with modular								
		fly-ash lime bricks (FaLG					955,00	Tun.	113.33	
		Bricks) confirming to								
7 12	7	IS:12894-2002 of class								
		designation 4.0 in								
		foundation and plinth in:								
5.	.3	Cement Mortar 1:5 (1								
		cement: 5 coarse sand)					00.40			
		dados over 12 mm dalek	1	276.00	0.30	0.40	33.12			
		hed of cement Mortan 1-1	2	290.00	0.40	0.20	46.40			
		(1 cement = 3 coarse sand)	2	290.00	0.30	0.60	104.40			
		and housing with any	20x2	0.70	0.40	0.20	2.24			
		contains abure at Adkener	20x2	0.70	0.30	0.70	5.88			
		a po destadido pointino la								
		white persons much with								
						Total	192.04	cum	3350.00	643334.00
12 0	9.6	Steel work welded in								
13 9	9.0	built up sections/ framed		4						
		work including cutting,								
		hoisting, fixing in position								
		and applying a priming								
		coat of red oxide zinc								
		chromate primer.								
	60	In gratings, frames, guard					7000.00	Kg	68.00	476000.00
	6.2	bar, ladder, railings,						3		
		brackets, gates and similar								
		works.					2012		100	4.55000
14 0	F7	Providing stainless steel								
14 9	1.5/									
		railing/ grill made of S.S.								
		flats, hollow S.S. pipe or								
		square/ rectangular								
		sections of approved								
		design fixing in stair								
	8	ease, balcony or other								
		places with metal fasteners								
	*	and stainless steel bolts etc								
		complete.					wered By:			1

1	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
39	57.1	SS Grade 204					1000.00	kg	467.00	467000.00
16	11.2	Providing and making								
		12mm thick cement plaster								
		of mix:								
	2.3	In Cement Mortar 1:5 (1					965.00	sqm	96.50	93122.50
		cement: 5 fine sand)								
16	11.3	Providing and making								
		15mm thick cement plaster								
		on the rough side of single								
		or half brick wall of mix:								
	3.3	In Cement Mortar 1:5 (1					965.00	sqm	113.00	109045.00
		cement: 5 fine sand)								
17	12.7	Providing and fixing								
		ceramic glazed wall tiles								
		conforming to IS: 15622 of								
		approved make, colours,								
		shades and size on wall and								
		dados over 12 mm thick								
		bed of cement Mortar 1:3								
		(1 cement : 3 coarse sand)			- 4					
		and jointing with grey			,		-			
		cement slurry @ 3.3kg per								
		sqm including pointing in								
		white cement mixed with								
		matching pigment complete.								
	7.2	Size above 200x300mm					50.00	oom.	646.00	32300.00
18	12.9	Providing and laying					30.00	sqm	040.00	32300.00
10	. 12.0	ceramic glazed floor tiles								
		conforming to IS: 15622 of								
		approved size, make,								
		colour, shade laid on 20								
		mm thick Cement Mortar								
		1:4 (1 cement : 4 coarse								
		sand) including pointing the								
		joints with white cement								
		mixed with matching		200.00	3107		870.00	mn i	832.00	
_		pigment etc., complete.								
	9.2	Size above 300x300mm					60.00	sqm	728.00	43680.00
19	12.12	Providing and laying					50.00	sqm	963.00	48150.00
		vitrified floor tiles with								
		soluble salt printing, of size								
		600x600mm with water								
		absorption less than 0.5%								
	-	and conforming to IS:								
		15622 of approved make,								
		laid on 20mm thick cement								
		mortar 1:4 (1 cement : 4								
	1	coarse sand) including								
		grouting the joints with								

REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	white cement and matching								
2	pigments etc. complete.	,							
20 12.46	15 mm thick Table								
	rubbed polished Granite								
	stone slab in risers and								
	treads of steps skirting dado								
6.1	and pillars laid on 12mm					30.00	100		
23 14.14	(Average) thick base of								
	cement mortar 1:3 (1								
	cement: 3 coarse sand) and								
	jointed with grey cement								
	slurry including rubbing						997	41.00	
	and polishing etc.								
	complete (single stone is to								
11/10/8	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).								
46.2	Granite stone black			*		30.00	sqm	2719.00	81570.00
21 12.65	Providing & laying 60mm								And the state of t
21 12.00	thick precast interlocking				14-				
	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								
35 14 22	vibrator, temping and								
	sweeping etc. complete of								
	minimum compressive								
	strength of 250 kg/sq.cm		100		130				
65.2	Pigment Coloured (rubber	1	290.00	3.00		870.00	sqm	632.00	549840.00
	mould) precast interlock								
	concrete blocks								
22 13.6	15mm thick Granite work								
	(machine cut, table rubbed								
	& mirror polished) for								
	kitchen platform, vanity								
- 11	counters, window sills								
	and similar locations of								
	required size laid over	*							
	20mm thick base cement								
	mortar 1:4 (1 cement : 4								
	coarse sand) including		1.10		1 000				
	joints treated with white		0.00		0.90				
	Johns dealer with white					vered By : I			

Ε.	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
X		cement mixed with		230.00			150.00			
		matching pigment					10.00			
		including rubbing and		30.00		0.20	1200			
		polishing to edge	11	101		0.00				
		moulding to give high gloss				Total	416.20		199.00	
		finish.	120%	0.23		1.30	116.00		350.00	
	6.1	Granite stone grey/pink					30.00	sqm	2466.00	73980.00
23	14.14	Finishing walls with water								
		proofing cement paint of								
		required shade to give an								
		even shade.								
	14.1	On new work (Two or more					1930.00	sqm	41.00	79130.00
		coats applied @ 3.84 kg/10								
		sqm)								
24	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:								
	16.1	On new work (Two or					965.00	sqm	74.50	71892.50
		more coats applied @ 1.43							,	
		ltr/10 sqm over and								
		including priming coat of								
		exterior primer applied @								
		2.20 kg/ 10 sqm)								
25	14.22	Painting on new work (two								
		or more coats) to give an								
		even shade with:								
	22.1	Şatin synthetic enamel paint	94	3.00		1.50	423.00	sqm	55.00	23265.00
26	2.1	Providing and fixing form		0.00		1.00	120.00	oqiii	00.00	20200.00
		work including centring,								
		shuttering, strutting,								
		staging, propping bracing								
		etc. complete and								
		including its removal at								
		all levels, for:								
	1.1	Foundations, footings, bases								
		of columns plinth beam,								
		curtain wall in any shape								
		and size and all type of wall								
		below plinth level.								
-		Allere de combine chesses of	120x4	1.10		0.25	132.00			
		ell paresments tools elepte.	120x4	0.20		0.35	33.60			
									Ankon Coffee	

	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		S. march buries adjulied for	2	300.00		0.30	180.00			
- Jan	2.	the job, all complete as					50.00			
		per direction of	2	30.00		0.20	12.00			
		Luginest-in-charge beyond	11	3.00		0.20	6.60			
		20 esette la opto 150 motre				Total	414.20	sqm	139.00	57573.80
	1.6	Columns, beams & walls- circular or any other geometrical shape other than square and rectangular in all sizes	120x4	0.20		1.20	115.20	sqm	356.00	41011.20
27	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.							472 100	
	- 1.1	All types of soil								
	1.1.2	125 mm dia.			-		20.00		004.00	0.100.00
	1.2	Rocky strata including	-				20.00	metre	321.00	6420.00
	1.2	Boulders.								
	.2.2	125 mm dia.					00.00			
28	21.2	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					30.00	metre	349.00	10470.00
		samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants								

interior in the second	& machineries required for	N	L	В	H/D	QTY	UNIT	RATE	AMOUN
	the job, all complete as per direction of Engineer-in-charge beyond 90 metre & upto 150 metre depth below ground level.								
	All types of soil								
2	.2 Rocky strata including								
100	Boulders.								
2.2						50.00	metre	371.00	18550.0
29 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.								
3.3				-		30.00			
30 21.5	lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part-1&Part-2)					30 00		474.00	14220.00
	1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer- in-charge.					1.04		1021.6	
5.2	125 mm nominal dia					30.00	metre	1121.00	22020.00
31 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						Hour	1131.00 654.00	33930.00 1308.00

RE	F ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
The state of the s	permissible limit), with					110			7
	required capacity air								
	compressor, running the								
	compressor for required								
	time till well is fully								
	developed, measuring								
	yield of well by \"V\"								
	notch method or any								
	other approved method,								
	measuring static level &								
	draw down etc. by step								
	draw down method,								
	collecting water samples								
	& getting tested in								
	approved laboratory, i/c								
	disinfection of tube well,								
	all complete, including								
1 3 2	hire & labour charges of		200 18					115.07	
	air compressor, tools &								
	accessories etc., all as per								
	requirement and direction								
	of Engineer-in-charge.								
32 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:		10						
11.2	125 mm dia								
33 21.12						30.00	each	200.00	6000.00
33 21.12	Providing and fixing M.S.								
	clamp of required dia to								
	the top of casing/housing								
	pipe of tube well as per					50.00	-am	201.0	
	IS: 2800 (part I),								
	including necessary bolts &								
	nuts of required size								
40.0	complete.								
12.2	125 mm clamp.					1.00	each	1031.00	1031.00
34 21.16	Providing ISI Mark 32 mm					45.00	metre	275.00	12375.00
	dia G.I. (B class) riser pipe								,
1 224	and M.S. plunger rod in 3						CUIT	231.6	11800.0
	meter length socketed on								
	one end as per IS: 1239 (
	D 1) 1000 11 .								
	Part I) 1990 with up to date								
E	amendments and socket as								

REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
15 21.17	Carrying out the					1.00	point	1502.00	1502.00
367	resistivity survey by VES								
1770 22 10	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,	2					Selen	3.80	
	necessary graph and								
	photographs. (only						DIM	17.60	
	successful point is								
	payable)								
36 22.1	Trenching in ordinary soil	2	290.00			580.00	cum	115.00	66700.00
	upto a depth of 60cm								
	including removal and								
41 77 18	stacking of serviceable								
	materials and then				42				
	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			e .					
	trench with water								
	(excluding cost of								
	imported earth, sludge or								
	manure).								
37 22.2	Supplying and stacking of					50.00		004.00	40050.00
31 22.2	good earth at site					50.00	cum	201.00	10050.00
	including royalty, loading,								
	unloading and carriage								
	upto 5 km (earth					1.00	62.0		
	measured in stacks will								
	be reduced by 20% for								
20 00 1	payment).								
38 22.4	Supplying and stacking at					50.00	cum	236.00	11800.00
	site well decayed cow								
	dung manure from								
1	approved source, including								
	loading, unloading and								
	carriage upto 5 km								
	(manure measured in stacks								

REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	will be reduced by 8% for								
1	payment)								
39 22.10	Grassing with 'Doob'								
	grass including watering								
	and maintenance of the								
	lawn for 30 days or more								
	till the grass forms a thick							477.00	
	lawn free from weeds and								
	fit for mowing including								
	supplying good earth if								
	needed (the good earth								
	shall be paid for separately).								
10.2	In rows 7.5 cm apart in	2	50.00	30.00		3000.00	sqm	3.80	11400.00
	either direction.								
40 22.8	Spreading of sludge,					60.00	cum	17.50	1050.00
	dump manure or/and good								
	earth in required thickness								
	(Cost of sludge, dump					150.00	0501		
	manure or/ and good earth								
252	to be paid separately).						80	12:00	18750.00
41 22.14	Digging holes in ordinary								
	soil and refilling the same						550		
	with the excavated earth		2000	-			100		
	mixed with manure or								
	sludge in the ratio of 2:1 by				As po		Amount	e	
	volume (2 parts of stacked						Sty	14. 449	
	volume of earth after								
	reduction by 20%: 1 part of								
	stacked volume of manure								
	after reduction by 8%)								
	flooding with water,								
	dressing including removal								
0.00	of rubbish and surplus				Fort IC				
	earth, if any with all leads								
	and lifts (cost of manure,								
	sludge or extra good earth if								
	needed to be paid for								
	separately):								
14.1						450.00	each	274.00	123300.00
14.1	deep.					400.00	Juon	27 1.00	. 20000.00
42 22 40	Making tree guard 53 cm								
42 22.18	dia. and 2 m high as per								
	design from empty coal tar								
	drums supplied free by the								
	department including								
	providing and fixing four								
	legs 40 cm long of 30 x 3								
	mm M.S. flat riveted to								
	tree guard and providing					vered By :			

REF		N	L	. В	H/D	QTY	UNIT	RATE	AMOUNT
	and fixing 2 nos. M.S. sheet rings 50 x 0.5 mm with rivets complete in all respects including painting inside and outside of tree guard with:	7. OR (X DE	RAIKH	EFU	NO. S	ION	Alloon
18.2	Two or more coats of synthetic enamel paint of approved quality and shade over a priming coat.		72				each	473.00	
43 22.25	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:	4,009.0 INFCALL	V SAR	e recove					
25.1	Hedges like Alife, Dorenta, Tikoma etc					150.00	each	14.00	2100.00
25.2	Furn like Arica, China etc (3 year old)	-				150.00	each	125.00	18750.00
25.3	Hibiscus (Flower)/ Rose					150.00	each	26.50	3975.00
25.4	Carpet grass (well developed)	2	20.00	15.00		600.00	sqm	263.00	157800.00

As per Estimate Amount Rs.

4964732.33

Say Rs. 49 64.000

Sub Engineer Nagar Palik Nigam Korba (C.G.)

Assistant Engineer Nagar Palik Nigam Korba (C.G.)

Executive Engineer Nagar Palik Nigam Korba (C.G.)