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

फा.क. / निर्माण / 2018 / 45 L

सिस्टम टेन्डर नं. 49130 द्वितीय ई-निविदा आमंत्रण सूचना

कोरबा, दिनांक 31/01/2019

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्यों हेत् प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015, (विद्युत) दिनांक 01.08.2015 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरो पर निम्नलिखित निर्माण कार्य हेतु ऑनलाईन ई-निविदा आमंत्रित की जाती है :-

큙.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रू में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	नगर निगम क्षेत्रांतर्गत विभिन्न जगहों पर मंच का निर्माण कार्य	5000000.00	35500/-	04 माह	वर्ग डी एवं प्रवर श्रेणी	19.02.2019 से

शर्ते:-

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

इच्छंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप 3. 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 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 4. गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।

निविदा उन्हीं टेकेदारों को प्रदाय किये जावेंगे जो कि कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन 5 कराकर कोड प्राप्त कर लिया हो अन्यथा निविदा प्रदाय नहीं किया जावेगा।

निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण राशि 6.

सहित मूलप्रति में निविदा जारी तिथि से 10 दिवस पूर्व का नोटरी सत्यापित शपथपत्र देना अनिवार्य होगा।

निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) 7. अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।

ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। 8.

कार्य में उपयोग हेत् 43 ग्रेड ओ.पी.सी. सीमेंन्ट की खरीदी ठेकेदारों को स्वयं करनी होगी। 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 11. 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 समयावधि में जमा न करने की दशा में निविदा रवमेव 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। 13.

निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा। 14.

उपरोक्त निवेदा सचना की विस्तुत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा 15 सकते है।

> नगर पालिक निगम कोरबा (छत्तीसगढ़)

Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Sta	rt	Expi	ry	Remarks	
NO.			Date	Time	Date	Time		
1	Release Tender		-				150	
		THE STATE OF THE S	31.01.19	17.30	31.01.19	17.30	Release Tender	
2		Bid Submission						
	LOT / FOR LOT		31.01.19	17.30	18:02.19	17.30		
	Tender Open					-		
	ronder Open		19.02.19	10.30				

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



OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

DETAILED ESTIMATE

Name of Work: CONSTRUCTION OF MANCH AT NAGER NIGAM AREA KORBA

As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	JNIT	RATE A	MOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
-	1.1	In all types of soils.			_					
		-COLUMN	6	1.20	1.20	1.20	10.36			
_		-UNDER PLINTH	4	2.20	0.60	0.60	3.16			
-		THE RESERVE THE PROPERTY OF THE PARTY OF THE	3	2.70	0.60	0.60	2.91			
-		-S/T	1	2.00	2.00	1.50	6.00			
						Total	22.43	cum	185.00	4149.55
2	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.3	1:3:6 (1 cement : 3 coarse sand								
+		-COLUMN	6	1.20	1.20	0.10	0.86			
+-		-UNDER PLINTH	4	2.20	0.60	0.10	0.52			
-		-ONDER TEAT	3	2.70	0.60	0.10	0.48			
+		-FLORR	2	2.70	2.20	0.10	1.18			
1		-S/T	1	2.00	2.00	0.10	0.40			
						Total	3.44	cum	2970.00	10216.80
3	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
		till leveley rest								

	ITEM DESCRIPTION of	N		В	H/D	QTY	UNIT	RATE	AMOUNT
		6X2	0.30	0.50					
		6X2	0.20	0.50		1.80			
	-P BEAM	2	5.30	0.30		1.20			
		2	3.30	0.30		3.18			
		2	2.20	0.30	-	1.98			
		4	2.70			1.32			
			2.70	0.30		3.24			
					Total	12.72	sqm	139.00	1768.08
1.8	Beams, lintels, cantilevers & walls								
	-L BEAM & S BEAM	2X2	5.30	0.20		4.24			
		2X2	3.30	0.20		2.64			
		2X2	2.20	0.20		1.76			
		2X2	2.70	0.20		2.16			
	-CENTER BEAM	2X2	2.70	0.30		3.24			
		1X2	2.70	0.20		1.08			
					Total	15.12	sqm	202.00	3054.2
1.5	Columns, Pillars, Piers and likes- rectangular or square in shape								
	III dilapo	6X2	0.30	2.10		7.56			
		6X2	0.20	2.10		5.04			
		6X2	0.20	0.60		1.44			
		6X2	0.30	0.60		2.16			
					Total	16.20	sqm	297.00	4811.4
1.7	Suspended floors, roofs,								
	access platform, balconies (plain surfaces) and shelves								
	(cast in situ)					0.000			
		2	2.70	2.20		11.88			
		2	5.90	0.60		7.08			
		2	3.90	0.60		4.68			
		2	5.90	0.12		1.41			
		2	3.90	0.12		0.93			
	-S/T	1	1.40	1.40		1.96			
		4	2.00	0.15		1.20			
						20.44	ogm.	235.00	6847.9
•	D (1)				Total	29.14	sqm	255.00	0041.0
3.2	Providing and laying nominal mix reinforced								
	cement concrete with								
	crushed stone aggregate								
	using concrete mixer in				Powers	d By · Fe	timate M	aker Softw	are Pg. 2

SN	F	ITEM DESCRIPTION	N							
		all works upto plinth	14	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		level excluding cost of form								
		work.								
	2.1	1:1½:3 (1 cement: 1½								
			6	1.20	1.20	0.00				
			6	0.50	0.50	0.20	1.72			
			6	0.20	0.30	0.50	0.75			
		-P BEAM	2	5.30	0.30	0.50	0.18			
			3	3.30	0.20	0.30	0.63			
		-COLUMN	6	0.20	0.20	0.30	0.59			
		-L BEAM	2	5.30	0.30	2.10	0.75			
			2	3.30	0.20	0.20	0.42			
			1	3.30		0.20	0.26			
		-COLUMN	6	0.20	0.20	0.30	0.19			
		-S BEAM	2	5.30		0.60	0.21			
		-SLABE	2	3.30	0.20	0.10	0.21			
			1	3.30	0.20	0.20	0.26			
			1	5.90	3.90	0.20	0.19 2.76			
		-S/T	1	2.00	2.00	0.12	0.60			
				2.00	2.00	0.13	0.00			
						Total	9.72	cum	4163.00	40464.3
5	3.12	Providing and placing in					0.72	Odili	4100.00	40404.5
		position reinforcement for								
		R.C.C. work including								
		straightening, cutting,								
		bending, binding etc.			1					
		complete as per drawings			Name of Street		day look		A SALES AND A	
		including cost of binding								
-		wire in foundation and							NE I	
		plinth all complete:					Bee Se A	- In		
+	12.1	Thermo-Mechanically								
		treated bars FE 415								
+		ironica caro i 20 110		9.72	100.00		972.00			
1							070.00		54.50	50074.00
6	7.5	Brick work with modular				Total	972.00	kg	54.50	52974.00
0	1.5	fly-ash lime bricks (FaLG		1						
	- 1									
		Bricks) confirming to IS:12894-2002 of class								
						19				
		designation 4.0 in								
1		foundation and plinth in:								
	5.4	Cement Mortar 1:6 (1								
		cement : 6 coarse sand)		0.00	0.00	0.70	1.84			
1			4	2.20	0.30		1.70			
			3	2.70	0.30	0.70	-			
1		-S/S	4	2.20	0.20	2.10	3.69		aker Softwa	and could be a

SN	-	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
_			3	2.70	0.20	2.10	3.40			· tinoditi
			4	2.20	0.20	0.60	1.05			
			3	2.70	0.20	0.60	0.97			
		-PARAPET	4	2.20	0.20	0.40	0.70			
			3	2.70	0.20	0.30	0.48			
		-S/T	2	2.00	0.30	1.50	1.80			
			2	1.40	0.30	1.50	1.26			
-	7.0	F . C				Total	16.89	cum	3263.00	55112.07
7	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:								
		-S/S	4	2.20	0.20	2.10	3.69			
			3	2.70	0.20	2.10	3.40			
			4	2.20	0.20	0.60	1.05			
			3	2.70	0.20	0.60	0.97			
		-PARAPET	4	2.20	0.20	0.30	0.52			
		1.114.12.	3	2.70	0.20	0.30	0.48			
	-			2.70	0.20	0.00	0.10			
						Total	10.11	cum	121.00	1223.3
		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	1:1½:3 (1 cement : 1½								
		coarse sand : 3 graded stone aggregate 20mm								
		nominal size).		5.00	2.00	0.00	4.00			
+		-ROOF		5.90	3.90	0.06	1.38			
1										
1						Total	1.38	cum	4073.00	5620.7
9	4.22	Providing Water proofing treatment over Roof, Wall, Chhajjas, Balcony with Diamond Shield and Sealer coat or equivalent at leakage/ seepage area consisting of the operation: (i) Surface preparation								
		roughening of surface,					IN THE PARTY OF TH	Selection of	Day of the same	ware Pg. 4

	TEM DESCRIPTION	N	L	В	H/D	QTY	JNIT	RATE	AMOUNT
1	opening of cracks in 'V'	and the second s							
1.	groove in size of 5mm x		1						
	10m (WxD), filling of								
1 1	cracks with putty of								
3	Diamond shield with								
	laying fiber glass mesh,								
	Cleaning of surface by								
	scrubbing with steel wire/								
	Nylon brush. Removing all								
	dust particles and washing								
	with adequate water to								
	clean completely. (ii)								
	Providing and applying								
	1st coat of diamond								
	shield or equivalent								
	compound (having two								
	component dry powder								
	80% Chemical 20%								
	(chemical having 30%								
	solid contents) making								
	flexible waterproof and								
	protective modified mortar								
	with minimum thickness								
	70-80 micron after proper								
	mixing of both the parts of								
	compound along with			1					
	laying of fiber glass mesh								
	(of weaving size of 10x10								
	yarn/inch duly coated with								
	alkaline resistant polymer).								ľ
	Allow the coating to set in								
	natural air for minimum 2		TO THE PARTY			79.00			
			*			La Barri			
	Hrs. After 1st coat apply								
	2nd coat with minimum								
	thickness 100 micron of the								
	same compound. Allow the								
	2 coat to set in natural air								
	for minimum 4 Hrs. Total								
	consumption of the								
	diamond shield or								
	equivalent in both coat								
	should be @ 17.90 kg for								
	10sqm area.					00.04			
	•	1	5.90	3.90		23.01			
					Total	23.01	sqm	421.00	9687.
0 11.1	Providing and making 6mm								
	thick cement plaster of mix:				SENSON STATES	ed By : Es	DOLLAR .	alto- C-A.	vore Po 5

SN		ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	1.2	In Cement mortar 1:4 (1								7 amoont
		cement : 4 fine sand)								
			2	2.20	2.70		11.88		-	
			2	3.40	0.20		1.36			
			1	3.10	0.20		0.62			
			2	6.20	0.60		7.44			
			2	4.00	0.60		4.80			
			2	6.20	0.12		1.48		7	
			2	5.20	0.12		1.24			
						Total	28.82	sqm	87.00	2507.34
11	11.2	Providing and making								
		12mm thick cement plaster		1						
		of mix:		96						
	2.4	In Cement Mortar 1:6 (1				-				
		cement : 6 fine sand)								
			2	5.00	3.60		36.00			
_			2	4.00	3.60		28.80			
		DeductionD	2X0.50	1.00	2.10		-2.10			
		Deduction	4X0.50	1.80	0.60		-2.16			
-		Deduction	2X0.50	3.00	0.60		-1.80			
		-S/T	2	2.00	1.50		6.00			
_		- 5/1	2	2.00	1.50		6.00			
_				2.00	1.00	-	0.00			
			-							
	44.0	D 111				Total	70.74	sqm	91.50	6472.71
12	11.3	Providing and making								
		15mm thick cement plaster								
		on the rough side of single								
		or half brick wall of mix:								
	3.4	In Cement Mortar 1:6 (1								
		cement : 6 fine sand)								
			2X2	3.40	3.00		40.80			
			2X2	2.05	3.00		24.60			
		Deduction	2X0.50	1.00	2.10		-2.10			
		Deduction	4X0.50	1.80	0.60		-2.16			
		Deduction	2X0.50	3.00	0.60		-1.80			
						Total	59.34	sqm	107.00	6349.38
13	11.5	Neat Cement punning.								
			2	2.00	1.50		6.00			
_			2	2.00	1.50		6.00			
7						Total	12.00	sqm	33.00	396.00
14	12.7	Providing and fixing								
		ceramic glazed wall tiles		- 1						
		conforming to IS: 15622 of								
		approved make, colours,				4014				
		shades and size on wall and	==							
		de cement mixed with			-			3. 3		
		matching pigment complete.								
	LONG-WAY	matching pigment complete.				Bautan	ed By : Es	timata M	oker Softw	are Po 6

SN		ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	7.1	Size upto 200x300mm								
			2X2	2.20	2.10		18.48			
_			2X2	2.70	2.10		22.68			
-			2X4	1.00	2.10		16.80			
_			4	1.00	0.10		0.40			
_			4	2.10	0.10		0.84			
-										
1.5	40.0	Paradilla de la companya de la compa				Total	59.20	sqm	587.00	34750.40
15	12.9	Providing and laying								
		ceramic glazed floor tiles conforming to IS: 15622 of								
		approved size, make,								
		colourts with white cement						1		
		The second secon								
		mixed with matching pigment etc., complete.								
+	9.1	Size 300x300mm								
+	3.1	Size 300x300IIIII	2	2.20	2.70		11.88		-	
+			- 2	2.20	2.70		11.00			
\dashv					-	Total	11.88	sqm	692.00	8220.96
16	12.10	Providing and laying				Total	11.00	34111	002.00	
		rectified ceramic glazed								
		floor tiles of size								
		300x300mm and above	F. 1							
		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.								
+	10.2	Size above 300x300mm								
+	10.2	Size above some commi	2X2	2.20	2.10		18.48			
+			2X2	2.70	2.10		22.68			
+			2X4	1.00	2.10		16.80			1
+			4	1.00	0.10		0.40			
+	-		4	2.10	0.10		0.84			
-										
+						Total	59.20	sqm	905.00	53576.00
17	9.6	Steel work welded in								
		built up sections/ framed								
		work including cutting,								
		hoisting, fixing in position								
		and applying a priming			1	į				
		coat of red oxide zinc			1					
		chromate primer.								
+	6.1	In stringers, treads, landings								-
	0.1									
-		etc.	en monte de la company	and the		David	ed Por P	timata N	laker Soft	vare Pg. 7

SN	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
_	-DOOR	2	1.20	2.10	30.00	151.20			
-	-GIRIL	2	2.70	0.40	30.00	64.80			
		4	2.20	0.40	30.00	105.60			
					Total	321.60	Kg	70.00	22512.00
18 18.1	8								
	closet squatting pan (Indian								
	type W.C. pan), 100mm								
	sand cast Iron P or S trap,								
	10 litre low level P.V.C.								
	flushing cistern (same								
	colour) conforming to IS								
	: 7231, with flush bend								
	and other fittings and				2				
	fixtures complete including			-					
	cutting and making good the								
	walls and floors wherever								
	required:								
1.3									
	pan of size 580x440 mm					2.00			
		2				2.00			
					Total	2.00	each	2899.00	5798.00
19 18.13	Providing and fixing white								
	vitreous china urinal basin								
	with waste fitting as per IS:								
	2556, and other couplings								
	in C.P. brass complete:								
13.1	Flat back half stall urinal of								
13.1	size 460x380x250mm								
	SIZE 400X380XZ30IIIII	3				3.00)		
					Total	3.00	each	1776.00	5328.0
20 18.15	Providing and fixing one			- 1-13					
	piece construction white								
	vitreous china squatting								
	plate urinal with an								
	integral rim longitudinal								
	flushing pipe, standard								
	size G.I. flush pipe for		1						
	back and front flush,								
	C.P. brass coupling								
	and the state of t								
	complete including cutting				l				
	and making good the								
	walls and floors etc.								
			40			1	100		1
	wherever required:	3			TV TO THE TOTAL TO	3.0	00	-	

N T	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
21 18.17	P. III				Total	3.00	each	2014.00	6042.00
21 10.17	Providing and fixing								
	vitreous china wash basin								
	with C.I. brackets, 32 mm								
	C.P. brass waste of								
	standard pattern, including								
	painting of brackets,								
	cutting and making good the								
	walls wherever required :								
17.1	White Size 550x450 mm								
+	William Size South to Milli	3				3.00			
_		-				3.00			
					Total	3.00	each	1430.00	4290.00
22 18.76	Providing and fixing on								
	wall face or under floor								
	UV stabilized								
	Unplasticised Rigid PVC								
	pipes (single socketed)								
	having 3.2mm wall								
	thickness conforming to								
	IS: 13592 (4kg/sqcm)								
	including required								
	couplers, jointing with seal								
	ring conforming to IS:								
	5382 leaving 10 mm gap for								
	thermal expansion etc								
	complete.								
76.2	110 mm dia pipe.								
70.2	110 mm dia pipe.	1	30.00			30.00)		
								207.0	0040.00
					Total	30.0	0 metre	267.0	0 8010.00
23 18.77	Providing and fixing on								
	wall face UV stabilized								
	Unplasticised - PVC								
	moulded fittings/								
	accessories having 3.2mm								
	accessories having 5:2								
	wall thickness for Rigid								
	PVC pipes conforming to								
	IS: 13592 (heavy)				-				
	jointing with seal ring								
	conforming to IS: 5382						1		
	leaving 10 mm gap for						Ì		
	thermal expansion.								
77 /	Tee/ Tee with door/ Bend			.,					
77.1	45° / Bend 90°								
7.1.2						-	00		
1.1.2		5				5.	.00	-	
+					Total	5	.00 eac	h 154	.00 770.
1							Estimat		

	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
_	Vent covel								
7.3.2	110 mm								
1		1				1.00			
					Total	1.00	each	44.00	44.00
77.4	Access door cap								
7.4.2	110 mm								
		2				2.00			
					Total	2.00	each	59.00	118.00
77.6	Nahani trap 110x75mm						-		
		4				4.00			
					Total	4.00	each	90.50	362.00
24 18.78	Providing and fixing UV								
	stabilized Unplasticised								
	-PVC pipe clips of								
6	approved design to Rigid	1,00							
	PVC pipes by means of								
	50x50x50mm hard wood								
	plugs, screwed with M.S.								
	screws of required length								
	including cutting brick work								
	and fixing in cement mortar								
	1:4 (1 cement : 4 coarse	•	-						
	sand) and making good the								
	wall etc. complete.								
78.2									
		8				8.00	-		
							-		
						0.00	anah	61.0	0 488.0
					Total	8.00	each	01.0	400.00
25 14.12	Applying one coat of								
20	cement primer on wall								
	surface (applied @ 0.80								
	litrs/10 sqm) complete.					28.8	2		
						58.7		-	
						59.3		+	
						59.5	-		
						146.9	0 sqm	23.0	00 3378.7
-					Total	140.9	U Sqiii		
26 14.1	3 Providing and applying			11					
20 14.1	2mm thick ready mix								
	exterior grade approved			13250					
	make putty (like Birla wall					63			
	care, Alltells to make the								
	surface smooth and even.	200		199		28.6	32		
-	-6MM		14.			58.7	-		-
-	-12MM		100			30.	The state of	Maker So	ftware Pg. 10

SN T	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	-15MM					59.34			
					Total	146.90	sqm	94.50	13882.05
27 14.9	Distempering with acrylic								
	washable distemper to give								
	an even shade.								
9.1	On new work (Two or more								
	coats)								
	-6MM					28.82			
	-15 MM					59.34			
			200		Total	88.16	sqm	38.00	3350.08
28 14.16	Painting exterior surface								
	with PREMIUM								
	ACRYLIC SMOOTH					,			
	exterior paint of required							8	
	shade as per								
	manufacturer's	4							
	specifications to give								
	protective and dth:								
16.1	On new work (Two or				1				
	more coats								
	-12 MM					58.74			
					Total	58.74	sqm	74.50	4376.13
29 14.22	Painting on new work (two								
29 14.22	or more coats) to give an								
	even shade with:								
22.1									
22.1		2X2	1.00	2.10		8.40			
	-DOOR	4X1	2.20	0.60		5.28			
		1X1	2.70	0.60		1.62			
					Total	15.30	sqm	55.00	841.5
20 04 47	Carrying out the								
30 21.17	resistivity survey by VES								
	method using Schlumberger configuration								
	for locating the proper spot	-							
	for drilling of tube well								
	within the selected								1
	1								
	habitation, including								
	photography, interpretation								
	of resistivity data and				Se Vis				
	submission of report in				75 23 25				
	the desired format along		28		100				
	with resistivity readings,								
	necessary graph and					WES.	defendance av		
	photographs. (only				Pay	and Du . E	ctimate N	Maker Soft	ware Pg. 11

SN	y'c	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		successful point is					QII	ONI	MAIL	AMOUNT
4	_	payable)								
-			1				1.00			
-										
31	21.1	Paris /1 '11'				Total	1.00	point	1502.00	1502.00
31	21.1	Boring/drilling bore well								
		perfectly vertical for the specified depth suitable to								
		receive required dia for								
		casing/ strainer pipe, by	8							
		suitable method prescribed								
		in IS: 2800 (part I),								
		including collecting								
		samples from different								
		strata, preparing and			1					
		submitting strata								
		chart/bore log, including								
		hire & running charges of								
		all equipments, tools, plants								
		& machineries required for								
		the job, all complete as per								
		direction of								
		Engineer-in-charge upto 90								
		metre depth below ground								
		level.								
	1.1									
	1.1.2	125 mm dia.		24.90			24.90			
			1	24.90			24.30			
						Total	24.90	metre	321.00	7992.9
	04.4	Boring/drilling bore well								
32	21.1	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		4		7				
		samples from different								
		strata, preparing and								
		submitting strata								
		chart/bore log, including								
		hire & running charges of								
		all equipments, tools, plants			NAME OF BRIDE					
		& machineries required for				Alexandra de la companya de la compa				
		the job, all complete as per								
		direction of								
l	1					AND REAL PROPERTY OF THE PARTY				
		Engineer-in-charge upto 90								

N	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUN	T
6	level.									
1.2	Rocky strata including									
	Boulders.									
.2.2	125 mm dia.									
		1	64.50			64.50				
					Total	64.50	metre	349.0	22510	0.50
1.2	Rocky strata including									
	Boulders.									
33 21.3	Supplying, assembling,									
5 25	lowering and fixing in									
	vertical position in bore									
	1									
	well, unplasticized PVC									
	medium well casing (CM)									
	pipe of required dia,									
	conforming to IS: 12818,									
	including required hire									1
	and labour charges, fittings									
	& accessories etc. all									
	complete, for all depths, as									
	per direction of Engineer							94		
	-in-charge.									
3.2										
3.2	125 mm nommar s	1	30.00			30	.00		-	
										4000.00
					Total	30	.00 me	etre 4	74.00	14220.00
	Ct. La mall									
34 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		A CONTRACTOR	all markets				Sales Sales		
	required capacity air									
	required capacity and									
	compressor, running the									
	compressor for required									
	time till well is fully									
	developed, measuring						119			
	vield of well by \"V\"									
	notcompressor, tools &									
	accessories etc., all as per	r	- 1	- 4						
	accessories etc., an as per									
- 1	requirement and direction									
	of Engineer-in-charge.		1				1.00			
			1		-	-				
					T	otal	1.00	Hour	654.00	654
	A Deviding and fiving									
35 21.1	1 Providing and fixing							La constant		nero Do
	suitable size threaded mild	X THE RESERVE	1	to the second of	CARLES TO THE PARTY OF	Dowered	By : Es	stimate Ma	ker Softw	are rg.

SN TE	ITEM DESCRIPTION	N							
100	steel cap or spot welded	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	plate to the top of bore						1		
	well housing/ casing pipe,								
	removable as per								
	requirement, all complete								
	for bore well of:								
11.2									
11.2	125 mm dia	-							
-		1				1.00			
-								000.00	200.00
36 19.42	Providing and placing on				Total	1.00	each	200.00	200.00
30 13.42	terrace (at all floor levels)								
							1		
	polyethylene water storage tank ISI: 12701 marked								
	with cover and suitable								
	locking arrangement and								
	making necessary holes for								
	inlet, outlet and overflow								
	pipes but without fittings								
	and the base support for								
	tank		1000.00			0000 00	-		
		2	1000.00			2000.00			
					Total	2000.00		7.30	14600.00
37 19.7	Providing and fixing on								
	wall surface G.I. pipes								
	medium class complete								
	with G.I. fittings and								
	clamps, including cutting,								
	making good the walls etc.					all season	THE R. P. LEWIS CO.		
	and testing of joints								*
	complete:								
7.1									
		1	25.00			25.00			
_									
					Total	25.00	metre	149.00	3725.00
7.2	2 20 mm dia. nominal bore								
		1	25.00			25.00			
					Total	25.00	metre	185.00	4625.00
7.3	25 mm dia. nominal bore								
		1	25.00			25.00			
-			-		Total	25.00	metre	258.00	6450.00
38 19.11	Providing and fixing G.I.				15 64				
	Union in G.I. pipe (New								
	work) including cutting and								
	threading the pipe and								
	making long screws etc.		Land de						
-		-	THE PERSON NAMED IN COLUMN TWO	and a service	Ponte	THE PARTY OF	SAME OF THE PARTY	No Con	are Pg. 14

N	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
10	complete:								7.111001111
11.1	15 mm nominal bore			-					
		2				2.00			
						2.00			
					Total	2.00	each	85.00	170.00
11.2	20 mm nominal bore								
		2				2.00			
-									100.00
44.0	25				Total	2.00	each	98.00	196.00
11.3	25 mm nominal bore					0.00			
		3				3.00			
-					Total	3.00	each	98.00	351.00
39 19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:				Total				
13.1									
		4				4.00			
					Total	4.00	each	98.00	740.00
40 19.16	brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
16.	1 25 mm nominal bore		ANIES SI						
		1				1.00			
					Total	1.00	each	436.00	436.00

As per Estimate Amount Rs. Say Rs.

466165.31

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



OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

DETAILED ESTIMATE

Name of Work: INTERNAL ELECRIFACTION OF MANCH AT NAGER NIGAM AREA KORBA

As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ELECTRICAL-01-08-2015]

1	EF I	TEM DESCRIPTION	N	Li.	В .	H/D	QTY	UNIT	RATE	AMOUNT
	4.7	Wiring for light/ fan/								
		exhaust fan / call bell point								
		with 1.5 sqmm FR PVC								
		insulated stranded copper								
		conductor single core cable						19		
		in surface PVC conduit,					**			
		with 5 amp modular switch,								
		modular base and cover								
		plate, suitable size G.I. box			-	1				
		and earthing the point with						,		
		same size cable as required.								
	1	Short Point					3.00			
			3				3.00			
						Total	3.00	Point	252.00	756.00
						TOTAL	0.00	Tomic		
		Medium Point	2				3.00			
			3							
						Total	3.00	Point	394.00	1182.00
		O Y Doint								
		3 Long Point	2				2.00			
_	-					Total	2.00	Point	518.00	1036.00
2	4.9	Extra for providing and								
2	7.0	fixing light plug point on								
		board in surface PVC								
		conduit point wiring with								
		modular type 3 pin 5 amp								
		socket outlet and 5 amp								
		switch including cost of								
		base and cover plate and G.								
		I. box etc. as required.					4.00			
		- Jackler Ja	4				4.00			-
						Total	4.00	Point	240.00	960.00
						Total	4.00	T OILL		
:	3 8	6 Supplying, installation,								
		testing and commissioning								
		of following sizes heavy					Sales I			
		duty (continuous running)								
		1400 rpm exhaust fan in			10/		Total I			
		existing opening in wall		17-34			The same	766	and the same	
-	1	including earthing etc.	4 40 4			Pou	ered By : E	stimate N	laker Soft	ware Pg. 1

REF IT	EM DESCRIPTION	N	L	В	H/D	OTV	UNIT	RATE	AMOUNT
Mary and	complete as required.			В	H/D	QTY	UNII	KAIE	AMOUNT
-	300 mm sweep								
		2				2.00			
						2.00		-	
					Total	2.00	Each	2558.00	5116.00
8.18	Supplying, fixing, testing				Total	2.00	Lacii	2550.00	0110.00
	and commissioning of								
	following CFL (Built in								
	choke type) in existing	9							
	lighting luminaries as								
1	required.								
	20 Watt								
3	20 Watt					6.00			
		6				6.00			
				-	T-4-1	6.00	Each	233.00	1398.00
					Total	6.00	Lauli	200.00	1000.00
5 11.3	Supplying and fixing on		Î						
	surface/ recess following								
	way, 240 volts SP&N MCB								
	distribution board consumer								
	unit of sheet steel								
	phosphatized and powder								
	painted, complete with								
	tinned copper busbar,								
	neutral busbar, earth bar,								
	din bar, detachable gland			V.					
	plate, including								
	interconnections, earthing								
	etc. as required. (But			et item			EKO T		
	without MCB/RCCB/Isolator)								
2									
	2 + 8 way	1			-	1.00	110		
						1.00			
					Total	1.00	Fach	040.00	040.00
6 11.10	Supplying and fixing SP				Total	1.00	Each	816.00	816.00
6 11.10	MCB, 240 volts, 'B' curve,								
	suitable for lighting and								
	other loads in the existing								
					- 1				
	MCB DB complete with								
	connections, testing and								
	commissioning etc. as						Set Stell		
	required.								
	1 6 amps to 32 amps					Bereit at			
-		1				1.00			
-									
7 14.2	Earthing with G.I. earth				Total	1.00	Each	154.00	154.00
1 14.2	pipe 4.5 metre long, 40 mm								
	dia including accessories,							233.00 816.00	
The state of the s	dia metuding accessories,						B		

		TEM DESCRIPTION	N	L	В	H/D	OTV	UNIT	5475	
		and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with				71115	QII	ONII	KATE	MUOMA
-		charcoal and salt as required.								
+			1				1.00			
0	14.40	D				Total	1.00	Set	3454.00	3454.0
8	14.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.								
		raming as required.	1	25.00			25.00			
				-			05.00		07.50	007.5
9	17.8	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured,				Total	25.00	Metre	37.50	937.5
		aluminium conductor power cable of 1.1 KV grade on								
		surface/ existing cable tray with 1 mm thick GI saddle as required.								
	1:	3 4 x 10 sq. mm.	1	15.00			15.00			
					1.11					
1	0 26.3	11.				Total	15.00	Metre	108.00	1620.00
1	0 26.3	testing and commissioning of submersible pump set for water supply system with				Total			108.00	1620.00
1	0 26.3	testing and commissioning of submersible pump set for				Total			108.00	1620.00
1	0 26.3	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				Total			108.00	1620.00
	0 26.3	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				Total			108.00	1620.00
1	0 26.3	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				Total			108.00	1620.00
	0 26.3	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				Total			108.00	1620.00

ITEM DESCRIPTION **AMOUNT** В RATE H/D 15866.00 15866.00 1.00 Each Total 33295.50 As per Estimate Amount Rs. Sav Rs. PART-A) 466 165=31 PARTB 33295=50 4,99 460=81 Say 500,000/ E.E. Engineer Astt. Engineer Nagar Palik Nigam Nagar Palik Nigam Nagar Palik Nigam Korba (C.G.) Korba (C.G.) Korba (C.G.) .