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

फा.क./निर्माण /2019

सिस्टम टेन्डर नं. 50079 ई—निविदा आमंत्रण सूचना

कोरबा, दिनांक 27/02/2019

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 से प्रमावशील 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 :--

क्र	कार्य का नाम	प्राक्कलन (राशि लाख में)	धरोहर राशि रू में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	नगर निगम क्षेत्रांतर्गत विभिन्न जगहों पर सामुदायिक भवन का निर्माण कार्य	100.00	75000/-	11 माह	वर्ग डी एवं प्रवर श्रेणी	23.03.2019 से

शर्तः-

- 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 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 गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- 5. 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।
- 6. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विमागों 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 डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नमर 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।
- 11. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा।
- 12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थित 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 निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।

अधीक्षण अभियंता नगर पालिक 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		26.02.19	18.00	27.02.19	18.00	Release Tender
2		Bid Submission	27.02.19	18.00	22.03.19	17.30	
3	Tender Open		23.03.19	10.30	-		

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

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

DETAILED ESTIMATE

Name of Work: CONSTRUCTION OF COMMUNITY CENTER AT

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

SN	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
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.				Total	54.20	ean	- 85.80	570.2
	1.1	In all types of soils.			-					
		-COLUMN	12	1.50	1.50	1.50	40.50			
	-		2X3	0.90	0.60	0.60	1.94			
			2X3	2.40	0.60	0.60	5.18			TOTAL STREET, STREET, SERVICE
	M 1800		201				1.70			
		MOOR				Total	47.62	cum	185.00	8809.7
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.								
-		-COLUMN -UNDER PLINTH	12 2X3	0.90	1.50	0.15	4.05		****	
		-UNDER FLINTH	2X3	2.40	0.60	0.15	0.48		No. of the second	
		COLUMNICOOTEG	2/0	2.40	0.00	0.15	1.29			
				0.30		Total	5.82	cum	371.00	2 159.2
3	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	291	8.70	0.30	Total	74 64		139.00	12274.55
		deposited layer by ramming and watering with a lead	12%	0.30	3 (0)		81.84			

1	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUN'
1	upto 50 M. and lift upto 1.5								
	M.								
		1	8.70	7.80	0.80	54.28			
					Total	53.08	pon	287 00	16132
		100	93	8.8		1111			
				0.20	Total	54.28	cum	65.00	3528.
4 3.1	Providing and laying			9.60		11.18			
	nominal mix plain cement	3	- 19.00	0.00		HA			
	concrete with crushed		8.83	0.10		1.93			
	stone aggregate using	224	8.30	0.20		14.88			
	concrete mixer in all	. 100	170	0.20		13.00			
	works upto plinth level		8.16	0.40		10.4			
	excluding cost of form								
	work.								
1.3									
	coarse sand : 6 graded				Yolst	102.00		200	
	stone aggregate 40mm								
	nominal size).								
	Malifernion and shelver	12	1.50	1.50	0.15	4.05			-
	A Francisco (In 1919)	2X3	0.90	0.60	0.15	0.48			
		2X3	2.40	0.60	0.15	1.29			
	-FLOOR	1	8.70	7.80	0.10	6.78			
					Total	12.60	cum	2970.00	37422.0
5 2.1	Providing and fixing form					-			
	work including centring,								
	shuttering, strutting,				7,000				
	staging, propping bracing								
1	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.		-						
	-COLUMN FOOTING	12X4	1.20	0.20		44.50			
	COLOMINTOOTING	12X4	0.40	0.20		11.52			
-	-COLUMN	12X4	0.40	1.50		5.76			
	-P BEAM	2X4	9.30			21.60			-
-	-I DEAM			0.20		14.88			
		2X4	8.70	0.30		20.88			
			830		Total	74.64	sqm	139.00	10374.9
1.5		-	110	070					
	likes- rectangular or square		0.30	0.30		124			
	in shape		10.70	0.20		0.7			
	-COLUMN	12X4	0.30	3.60		51.84			
-						2.14		-	

1.8									
1.8				0.00	0.10	1.001			
1.8			9.30	0.20		0.74			
1.8				0.20		50.00		007.00	16032.06
1.8			7.00	8.20	Total	53.98	sqm	297.00	10032.00
				8.40	.0.424	1.37			
-	& walls	2011	0.00	0.00	0.15	44.00			
	-L BEAM	2X4	9.30	0.20		14.88			
		2X4	8.70	0.20		11.16		3167.00	
-	-CHUJJA	2	9.30	0.60		11.88			
-		2 2	9.90	0.10		1.98			
-	O DELLA		9.30	0.10		14.88			
-	-S BEAM	2X4	8.70	0.20		13.92			
	CENTED DEAM	2/4	8.10	0.40		19.44			
-	-CENTER BEAM	3X2	0.10	0.40		19.44			
-									
					Total	102.06	sqm	202.00	20616.1
-					Total	102.00	Sqiii	202.00	20010.11
1.	.7 Suspended floors, roofs,								
	access platform, balconies			30.00		26.0			
	(plain surfaces) and shelves				74				
	(cast in situ)		0.70	7.00		07.00			en a contactant description of the
		1	8.70	7.80		67.86			
	The wat was modeled	2	9.30	0.10		1.86			
	The state of the s	2	8.40	0.10		1.68			
									OCCUPANT OF MANAGEMENT TOOM
	2 12899 2882 OF SIEM								40770 0
					Total	71.40	sqm	235.00	16779.00
6 3	3.2 Providing and laying								
	nominal mix reinforced								
	cement concrete with								
	crushed stone aggregate								
	using concrete mixer in								
	all works upto plinth	28							
	level excluding cost of form	2031	3.00	1.00					
	work.	23	2.10	0.20					and the same of the same of the same
1	2.1 1:1½:3 (1 cement: 1½		3.00	0.20					
	coarse sand : 3 graded	EXS	2.10	0.50					
	stone aggregate 20mm	2/2	3,00	0.20					
	nominal size).	2	TIME!	0.20	2.00				
	-COLUMN	12	1.20	1.20	0.20	3.45			
		12	0.40	0.40	0.30	0.57			and of the search while
	-COLUMN	12	0.30	0.30	1.50	1.62			
-	-P BEAM	2	9.30	0.30	0.30	1.67			
	-1 DEANY	2	8.40	0.30	0.30	1.51			
	-COLUMN	12	0.30	0.30	3.60	3.88			The second of the second
	-L BEAM	2	9.30	0.20	0.20	0.74			
-	-L DEAWI	2	8.40	0.20	0.20	0.67			
	-CHUJJA	2	9.30	0.60	0.10	1.11			

	F	ITEM DESCRIPTION	N	L 0.40	В	H/D	QTY	UNIT	RATE	AMOUNT
1	-	CDEAM	2	8.40	0.60	0.10	1.00			
	-	-S BEAM	2	9.30	0.20	0.20	0.74			
-		CHI WITH DE LIV	2	8.40	0.20	0.20	0.67			
-		-CENTER BEAM	4	7.80	0.20	0.50	3.12			
-		-SLABE	1	9.30	8.40	0.12	9.37			
-		-S/T	1	3.00	2.00	0.15	0.90			
+						Total	31.02	cum	4163.00	129136.2
7	3.12	Providing and placing in								72010011
		position reinforcement for			- 50		9.76			
-		R.C.C. work including			100					
		straightening, cutting,			- 4.0		9.43			
		bending, binding etc.			0.20		48			
		complete as per drawings				1991	71.65		121.00	
		including cost of binding								
		wire in foundation and					1			
		plinth all complete:								
-	12.2	Thermo-Mechanically								
	12.2	treated bars FE 500D								
-		treated bars FE 500D		01.00						
-				31.02	95.00		2946.90			
-						240				
+						Total	2946.90	kg	54.50	160606.0
8	7.5	Brick work with modular				Total	2040.00	ny	34.30	100000.1
		fly-ash lime bricks (FaLG								
-		Bricks) confirming to								
-		IS:12894-2002 of class	16	1.10	122	3140				
-		designation 4.0 in			3.69	25.00	54.05			
-				1.00	2.10	35.00	15.16			
-	F 4	foundation and plinth in:								
	5.4	Cement Mortar 1:6 (1								
-		cement: 6 coarse sand)	2710					-		- William Company of the
-		Provides and fining in	2X3	2.10	0.40	0.30	1.51			
_		midling collegible ozel	2X3	2.10	0.30	0.20	0.75			
_		chusters with vertical	2X3	3.90	0.40	0.20	1.87			
		change a 20x10x2mm and	2X3	3.90	0.30	0.20	1.40			
		-S/S	2X3	2.10	0.20	2.40	6.04		THE STREET	T. Party Pages Inc.
-			2X2	3.90	0.20	2.40	7.48			
		with her and bottom rails	2X3	2.10	0.20	1.20	3.02			
		mid-ison 407 denomen with	2X2	3.90	0.20	1.20	3.74			
		DeductionC G GATE	2	3.90	0.20	2.40	-3.74			
		DeductionW	12	1.20	0.20	1.50	-4.32			
		DeductionV	8	0.60	0.20	0.45	-0.43			
		-PARAPET WALL	1	35.40	0.20	0.60	4.24			
		-TOILET	2	3.00	0.20	3.00	3.60			
	-	ral order due chaquata	2	1.50	0.20	3.00	1.80			
		-S/T	2	3.00	0.30	3.00	5.40			
-			2	1.50	0.30	3.00	2.70			
-				1100	5,50	Total	35.06	cum	3263.00	114400.78
9	7.6	Extra for brick work in				. 5441	00.00	Odili	0200.00	11-1-100.70

Powered By: Estimate Maker Software Pg. 4

KEF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	superstructure above plinth				Testot				
1111	level for every floor or part							24.24.66	
	thereof in addition to rate								
	for foundation and plinth:								
	A fine name	2X3	2.10	0.20	2.40	6.04			
		2X3	3.90	0.20	2.40	11.23			
	Table 3 M	2X3	2.10	0.20	1.20	3.02			
	CONTRACTOR OF THE PROPERTY OF	2X3	3.90	0.20	1.20	5.61			
	DeductionC G GATE	2	3.90	0.20	2.40	-3.74			
	DeductionW	12	1.50	0.20	1.20	-4.32			
	DeductionV	8	0.60	0.20	0.45	-0.43			
	-PARAPET WALL	1	35.40	0.20	0.60	4.24			
				0.20	Total	21.65	cum	121.00	2619.6
0 9.6	Steel work welded in				Total	21.00	Culli	121.00	2019.0
	built up sections/ framed								
	work including cutting,				Total	137.04		87.00	
	hoisting, fixing in position								
	and applying a priming								
	coat of red oxide zinc								
	chromate primer.								
6.1									
0.1		2	9.30	6.00	7.7	74.40			
	etc. of stair cases including		8.40	400		67.20			
	use of chequered plate		120	2.40		-5 76 1			
	wherever required, all	274	2.701	120		25 92			
-	complete.					10.00			
	W	12	1.50	1.20	31.40	678.24			
	-V	8	0.60	0.45	25.00	54.00			
	-DOOR	1	1.00	2.10	35.00	73.50			
					Total	805.74	Kg	70.00	56401.80
1 9.11	Providing and fixing in								
	position collapsible steel								
	shutters with vertical								
	channels 20x10x2mm and								
1	braced with flat iron								
	diagonals 20x5mm size								
	with top and bottom rails								
	of T-iron 40x40x6mm with		9.59	3.807					
	38mm steel pulleys	3	7.80	3 60		10 16			
	complete with bolts, nuts,	4	1,00	250					
	locking arrangement	2/4	270	1,20		45.00			
		20]	2.50	100		-11.00			
	stoppers, handles including		35.60	0.60		2124			
	applying a priming coat of								
	and sold a state of the state o								
	red oxide zinc chromate								
	primer.								
		2	3.90	2.40		18.72		-	TO THE STREET
See attention to or y	primer.	2	3.90	2.40	-	18.72			

1	KEF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1						Total	18.72	sqm	3330.00	62337.60
12	11.1	Providing and making 6mm								
	4.0	thick cement plaster of mix:								
	1.2	In Cement mortar 1:4 (1								
		cement : 4 fine sand)								
			1	9.30	7.80		72.54			
		-BEAM	2X3	7.80	0.40		18.72			
		-CHUJJA	2X2	9.30	0.60		22.32			
	-	Blis montones, below (#/-	2X2	8.40	0.60		20.16			
		Hommis, field on 70 mar thirts	2	7.80	0.10		1.56			
			2	8.70	0.10	-	1.74			
						Total	137.04	sqm	87.00	11922.48
13	11.2	Providing and making								
		12mm thick cement plaster								
		of mix:		8.70	7.87		67.88			
	2.4	In Cement Mortar 1:6 (1		8.70	0.60		10.44			
		cement : 6 fine sand)	7	7.10	9.60	4.				
			2	9.30	4.00		74.40			
			2	8.40	4.00		67.20			
		DeductionDOOR	2	1.20	2.40	Total	-5.76	500	115155	
		DeductionW	2X4	2.70	1.20		-25.92			
		Deduction	2X3	2.50	1.20		-18.00			
		-STEP	2	1.50	1.20		3.60			
		-PARAPET WALL	1	35.40	0.80		28.32			
		distribution 12 anna disele-								
						Total	123.84	sqm	91.50	11331.36
14	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		-						MANAGET LONG.
	0.4	cement : 6 fine sand)								
ernamon.	reserve.	- The band)	2	9.30	3.60		66.96			and sentence of the con-
			2	7.80	3.60		56.16			
		DeductionDOOR	2	1.20	2.40		-5.76	-		
		DeductionGIRRL	2X4	2.70	1.20					
-		Deduction	2X3	2.50	1.20		-25.92			
		-PARAPET WALL	1	35.40	0.60		-18.00			
		-TARATET WALL		35.40	0.00		21.24		W Service in the name of the last of t	NT NESTREE NESTRON
		Control sugar make.								
		colour, starte laid on 70								
-				11700		Total	94.68	sqm	107.00 ker Software	10130.76

Powered By: Estimate Maker Software Pg. 6

	KEF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
15	12.13	Providing and laying								
		vitrified floor tiles with								
		double charge/ multi charge						-		
		printing with water								
		absorption less than 0.5%								
		and conforming to IS:		300	1.00					
		15622 of approved make in								
		all colours and shades and								
		size mentioned below (+/-				700				
18		10mm), laid on 20mm thick								
		cement mortar 1:4 (1								
		cement: 4 coarse sand)								
		including grouting the								
		joints with white cement								
		and matching pigments etc.								
		complete.								
-	13.1	Size 600x600mm			-					
	10.1	Size oookoodiiiii	1	8.70	7.80		07.00		-	
			2	8.70			67.86			
					0.60		10.44			
			2	7.80	0.60		9.36			
										TO SERVICE A SECURITION OF THE
16	40.7	D :1: 10:				Total	87.66	sqm	1151.00	100896.66
16	12.7	Providing and fixing								
		ceramic glazed wall tiles					1.00			
		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)								
		and jointing with grey								
	13.1	cement slurry @ 3.3kg per								
		sqm including pointing in								
		white cement mixed with					200			
		matching pigment complete.								
	7.1	Size upto 200x300mm				Yold				THE PARTY OF THE P
		-TOILET	2	3.00	2.10		12.60			
		passe occurrences while	2	2.00	2.10		8.40			
							0.10			
-	*****					Total	21.00	sqm	587.00	12327.00
17	12.9	Providing and laying					21.00	oqiii	007.00	12321.00
		ceramic glazed floor tiles								
		conforming to IS: 15622 of								
		approved size, make,								
		colour, shade laid on 20								
		mm thick Cement Mortar								
	1000 W 12 . W. 10	1:4 (1 cement : 4 coarse							ker Software	

KEF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	sand) including pointing the								711100111
	joints with white cement								
	mixed with matching								
	pigment etc., complete.								
9.1	Size 300x300mm								
0.1	-TOILET FLOOR	4	2.00	0.00		0.00		201100	2014.0
	-IOILEI FLOOR	1	3.00	2.00		6.00			
18 18.1	Providing and fixing water				Total	6.00	sqm	692.00	4152.00
	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								
	fixtures complete including								
702	cutting and making good the								
	walls and floors wherever		8.00		4.0				
	required:		10,00						
1.3	White Orissa pattern W.C.								
	pan of size 580x440 mm								
	and Pass PRV stabilisms	1				1.00		-	AND DESCRIPTION OF STREET
						1.00	-		economic profession on calculate
	Andrea france				Total	1.00	each	2899.00	2899.00
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								
10.1	size 460x380x250mm								
	Size 400A360A230Hilli	2				2.00			-
						2.00			
20.40.45	72 112 1 6				Total	2.00	each	1776.00	3552.00
20 18.15	Providing and fixing one								
	piece construction white	81				0.00			
	vitreous china squatting								
	plate urinal with an				Total .	6.00	0000	H4m	525.00
173	integral rim longitudinal								
182	flushing pipe, standard								
	size G.I. flush pipe for					7.00			
	back and front flush,								
	C.P. brass coupling								
	complete including cutting				Total	1 10			44.00
100									
	and making good the								
	walls and floors etc.								

ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
wherever required :								
	1				1.00			
				Total	1.00	each	2014.00	2014.00
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					7.50	Cauri	2014.00	2014.0
			-		1810			
110 mm dia pipo.	8	3.00			24.00			
	1	10.00						
				Total	34.00	metre	267.00	9078.00
wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy)		15.00			1000.60	UNER	739	
conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
45° / Bend 90°								
110 mm								
am account your Braze	6				6.00			
				Tatal	0.00		15123	221.5
Vent covel				Total	6.00	each	154.00	924.00
	1				1.00			
£ .				TATAL	1100			
V base and delication of the control				Total	1.00	each	44.00	44.00
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,	1				100			
	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. 110 mm dia pipe. Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45° / Bend 90° 110 mm Vent covel 110 mm	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. 110 mm dia pipe. 8 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45° / Bend 90° 110 mm 6 Vent covel 110 mm 1	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. 110 mm dia pipe. 8 3.00 1 10.00 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45° / Bend 90° 110 mm 6 Vent covel 110 mm 1	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. 110 mm dia pipe. 8 3.00 1 10.00 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45° / Bend 90° 110 mm 6 Vent covel 110 mm 1	wherever required: 1	wherever required: 1 1 1.00 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. 110 mm dia pipe. 8 3.00 24.00 1 10.00 7000 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. Tee/ Tee with door/ Bend 45° / Bend 90° 110 mm 6 6 6.00 Vent covel 110 mm 1 1 1.00 Providing and fixing 1 1.00 Providing and fixing	wherever required: 1	wherever required: 1

REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	having thermal stability for								
	hot & cold water supply								
	including all CPVC plain								
	& brass threaded fittings i/c								
	fixing the pipe with clamps								
	at 1.00 m spacing. This				Total			81.00	
2 00 10	includes jointing of pipes								
	& fittings with one step								
	CPVC solvent cement and								
	the cost of cutting chases								
	and making good the								
100	same including testing of								
	joints complete as per								
	direction of Engineer in								
	Charge. CONCEALED								
	WORK including cutting				1000	1.13	and the second	510,00	
	chases and making good								
	the walls etc.,								
5.1	15 mm nominal outer dia	4	45.00	-		15.00			
5.1		1	15.00			15.00	metre	133.00	1995.00
50	.Pipes.	-	40.00						
5.2	20 mm nominal outer dia	1	10.00			10.00	metre	167.00	1670.00
	.Pipes.								
5.3	25 mm nominal outer dia	.1	5.00			5.00	metre	213.00	1065.00
	.Pipes.								
5.4	32 mm nominal outer dia	1	15.00			15.00	metre	284.00	4260.00
	.Pipes.					123.84			
24 19.42	Providing and placing on					1000.00	LITER	7.30	7300.00
	terrace (at all floor levels)								
	polyethylene water storage				Total	203.00		04.65	
	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				-				
25 10 12									and the same of the
25 19.13	Providing and fixing 15								
	mm nominal bore Brass				Total	124	Equi I	38.00	
30 416	bib/stop cock of approved								
	quality:								
13.2	Bib cock (350 grams)								
		3				3.00			1907-00-00-00-00-00-00-00-00-00-00-00-00-0
	*namofacturer's				Total	3.00	each	237.00	711.00
13.3	Stop cock (350 grams)								Control of the last of the las
	photosave agai describive	1				1.00			
	Thurst ice belong the string								
					Total	1.00	each	237.00	237.00
								cer Software	

g and fixing steel drain jali of I make/quality. g and fixing un metal gate ith C.I. wheel of I quality (screwed ominal bore. g and applying ick ready mix grade approved tty (like Birla wall	1			Total	5.00	each	51.00	255.00
g and fixing un metal gate ith C.I. wheel of d quality (screwed ominal bore. g and applying ick ready mix grade approved				Total		each	51.00	255.00
g and fixing un metal gate ith C.I. wheel of d quality (screwed ominal bore. g and applying ick ready mix grade approved				Total		each	51.00	255.0
ith C.I. wheel of diquality (screwed ominal bore. g and applying ick ready mix grade approved				Total		each	51.00	255.00
ith C.I. wheel of diquality (screwed ominal bore. g and applying ick ready mix grade approved	1			Total	5.00	each	51.00	255.00
ith C.I. wheel of diquality (screwed ominal bore. g and applying ick ready mix grade approved	1 2 10/2			Total	5.00	each	51.00	255.00
ith C.I. wheel of diquality (screwed ominal bore. g and applying ick ready mix grade approved	1			Total	123.84	som		
ith C.I. wheel of diquality (screwed ominal bore. g and applying ick ready mix grade approved	1			Total	123.84	sqn		
d quality (screwed ominal bore. g and applying ick ready mix grade approved	1			Total	123.54	sqm		
g and applying ck ready mix grade approved	1			Total	123.51	sqm		
g and applying ick ready mix grade approved	1 2 10/2							
g and applying ick ready mix grade approved	1 2 100							
ck ready mix grade approved	1 2 10/2			and the second				
ck ready mix grade approved	12/2				1.00			
ck ready mix grade approved	100							
ck ready mix grade approved	100		2.40	Total	1.00	each	510.00	510.00
grade approved		181	1.20				0.0.00	010.00
grade approved	The state of the s	0.60	0.45					
(Inte Birta wan			- 1					
tek Superfine W/R				1998	00,00	Rell		
), Asian, ICI,								
J.K. wall putty) on								
make the surface								
nd even.								
ng of tube well					137.04			
e and collect					123.84			
n, including					94.68			
ploy interpretation								
uny detta sed				Total	355.56	sqm	94.50	33600.42
shade.								
work (Two or more								
shs. (only								
d point is					137.04			
					94.68			
TO STATE OF THE PERSON NAMED AND ADDRESS OF THE PERSON OF		1.0700000000000000000000000000000000000						
								- MENON AND SECURITY OF THE PARTY.
				Total	231 72	eam	39.00	8805.36
exterior surface				Total	201.12	Sqiii	30.00	0000.30
e and decorative								
cluding cleaning								
	ering with acrylic edistemper to give shade. work (Two or more exterior surface EMIUM IC SMOOTH paint of required per turer's tions to give e and decorative cluding cleaning of surface etc.	exterior surface EMIUM IC SMOOTH paint of required sper turer's tions to give e and decorative	exterior surface EMIUM CC SMOOTH paint of required per turer's tions to give e and decorative cluding cleaning	exterior surface EMIUM IC SMOOTH paint of required per turer's tions to give e and decorative cluding cleaning	ering with acrylic edistemper to give shade. work (Two or more Total exterior surface EMIUM IC SMOOTH paint of required eper turer's tions to give e and decorative cluding cleaning	ering with acrylic edistemper to give shade. work (Two or more 137.04 94.68 94.68 137.04 94.68 131.72 exterior surface EMIUM IC SMOOTH paint of required per turer's tions to give e and decorative cluding cleaning 137.04 137.0	ering with acrylic edistemper to give shade. work (Two or more 137.04 94.68 Total 231.72 sqm exterior surface EMIUM IC SMOOTH paint of required a per turer's tions to give e and decorative cluding cleaning	ering with acrylic edistemper to give shade. work (Two or more 137.04 94.68 Total 231.72 sqm 38.00 exterior surface EMIUM IC SMOOTH Deaint of required to per turer's tions to give e and decorative cluding cleaning

ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
complete with:								
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)								
					123.84	-		
Painting on new work (two or more coats) to give an even shade with:		24.50		Total	123.84	sqm	74.50	9226.08
Satin synthetic enamel paint								
-C G GATE	2	3.90	2.40	Tebil	18.72			
-W	12X2	1.50	1.20		43.20	-		
-V	8X2	0.60	0.45		4.32			
		61.90		Total	66.24	sqm	55.00	3643.20
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)	1				1.00		3/3/0	22510.50
							474.00	3423000
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				Total	1.00	point	1502.00	1502.00
suitable methor in IS: 2800 (pa including colle	od prescribed art I), acting different	od prescribed ert I), ecting different	od prescribed art I), acting different	od prescribed art I), acting different	od prescribed art I), seting different ang and	od prescribed art I), acting different ang and	od prescribed art I), setting different ang and	od prescribed art I), acting different

1	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	KEF	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.	N	L L	В	H/D	QIY	UNII	RATE	AMOUNT
+	1.1	All types of soil								
-	1.1.2	125 mm dia.			-					
			1	24.90	-		24.90			
		black labour charges of								
						Total	24.90	metre	321.00	7992.90
	1.2	Rocky strata including Boulders.								4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	.2.2	125 mm dia.								
			1	64.50			64.50			
	amenania na tana									
						Total	64.50	metre	349.00	22510.50
34	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.				Total As pa				
	3.2	125 mm nominal size dia.	4	00.00				-		NAME AND ADDRESS OF THE PARTY O
		CONTRACT A PROGRAM TRACTOR FOR THE SPECIAL STREET, STR	1	30.00		LOUBERGE TO THE REAL PROPERTY.	30.00	AMERICAN VIV.		
		THE REPORT OF THE PROPERTY OF		WITCH FOR ADDRESS OF THE PARTY.		Total	20.00	moto	474.00	44000.00
35 2	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	Enginess Palls Nigers as (C.G.)			Total	30.00	metre	474.00	14220.00

REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	time till well is fully	BUT	1 235 1		THE				
	developed, measuring	CTION OF CO			TAY				
	yield of well by \"V\"	PRUBLIC WO	RIKS DE	ATTUE	PWDS	ECTRICA		man	
	notch method or any								
	other approved method,								
	measuring static level &				100				
	draw down etc. by step					1011		RATE	
	draw down 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.								
		1				1.00			
					Total	1.00	Hour	654.00	654.00
6 21.11	Providing and fixing				Test	3.00	Post	2000	
	suitable size threaded mild								
	steel cap or spot welded	6				8.00			
	plate to the top of bore								
	well housing/ casing pipe,				Total	8.00	Day!		
	removable as per								
	requirement, all complete								
	for bore well of:								
11.2	125 mm dia								
	C THE COLUMN ACCOUNT STATE OF THE COLUMN ACCOUNTS	1				1.00	-		
					Total	1.00	each	200.00	200.00

As per Estimate Amount Rs.

930852.12

Say Rs.

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

Astt. Engineer Nagar Pallk 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 COMMUNITY CENTER AT ...

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

SN	KEF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUN
1	4.7	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in surface PVC conduit, with 5 amp modular switch, modular base and cover plate, suitable size G.I. box and earthing the point with same size cable as required.								
	1	Short Point	- 11		1					
			3				3.00			
						You	14.00		1500.00	
		Manager and Allerton				Total	3.00	Point	252.00	756.0
-	2	Medium Point								
-		W TOHOWING MIZES DESIGN	6				6.00			
					-					
	3	Long Point		-	 +	Total	6.00	Point	394.00	2364.0
		Long Form	15	-	 +		45.00			
			10		 -		15.00			-
		100 men avezep			 +	Total	15.00	Point	518.00	77700
2	4.9	Extra for providing and					10.00	FOIII	310.00	7770.0
		fixing light plug point on								
-		board in surface PVC				Total	1.00			
6		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.								
			9				9.00	-	-	
		selling and series.				THE PARTY CO. 15				
		esching the fitting etc. so				Total	9.00	Point	240.00	2160.00
3	7.4	Supplying and fixing following modular switch, socket, other accessories on						Each	635.00	
7	2.18	the existing modular plate & switch box including connections but excluding modular plate etc. as								

1	REF	ITEM DESCRIPTION	N	L E	H/D	QTY	UNIT	RATE	AMOUNT
		required.							
	8	Fan regulator (two module							
		size) electronic stepped type							
		moving all rounds	21						
			14			14.00			
					Total	21.00	Facility	73.00	3800.0
	0.4				Total	14.00	Each	203.00	2842.00
4	8.1	Supplying, installation,							
		testing and commissioning							
		of following sizes ceiling							
		fan including wiring the							
		down rods of standard							
		length up to 30 cm with 1.5							
		sq. mm FR PVC insulated,							
		copper conductor, single						and the	
		core cable, earthing etc.							
-	2	complete as required. 1200 mm sweep							
-		1200 mm sweep	14	-		14.00			
			17			14.00			
		MCDROCD/Roleice)			Total	14.00	Each	1503.00	21042.00
5	8.6	Supplying, installation,							21012.00
		testing and commissioning	- 2			200			
		of following sizes heavy							
		duty (continuous running)			Total	200			
9	10	1400 rpm exhaust fan in							
		existing opening in wall							
		including earthing etc.							
		complete as required.							
	1	300 mm sweep							
-		45000	1			1.00			
-									
6	8.11	Supplying, installation,			Total	1.00	Each	2558.00	2558.00
		testing and commissioning							
		of following T-5 fluorescent							
		fitting (luminaries)							
		complete with electronic						154.00	
		ballast but without							
		fluorescent lamp, on							
		ceiling/ wall surface,							
		earthing the fitting etc. as required.							
-	1	Single box type with					-		
		decorative end caps					Each	635.00	
7 8	8.18	Supplying, fixing, testing							
		and commissioning of							
		following CFL (Built in				1.00			
		choke type) in existing							
-	· ·	type) in onioning						ker Software	

		F ITEM DESCRIPTION lighting luminaries as		N		В	H/D	QT	Y UNIT	RATE	AMOU
	-	required.									
	-	5 20 Watt									-
-	-			21				21.0	0		
				-	25,00			25.0			
8	11.3	Supplying and fixing on		-			Total	21.00	Each	233.00	4893
		surface/ recess following		-			Total	25.0	Ne	17.50	
		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									
		plate, including									
		interconnections, earthing			15 (10)						
		etc. as required. (But									
		without					Total				
-	2	MCB/RCCB/Isolator)									
+		2 + 8 way									
-		Control of the Contro	-	2				2.00			
-											
9 1	1.10	Supplying and fixing SP		-			Total	2.00	Each	816.00	1632.0
		MCB, 240 volts, 'B' curve,									
1		suitable for lighting and									
1		other loads in the existing									
		MCB DB complete with									
1		connections, testing and									
		commissioning etc. as									
1		required.									
1	1	6 amps to 32 amps									
-		antable submersible cable	1					1.00			
+									-		
0 1	4.2	Footbing with C.Y.					Total	1.00	Each	154.00	154.00
	4.2	Earthing with G.I. earth									
		pipe 4.5 metre long, 40 mm dia including accessories,									
-		and providing masonry									
		enclosure with cover plate					otal	1.00			
		having locking arrangement					As per El	Breate A.	nous l	0 6	
		and watering pipe etc. with							Say R	0 2/	
-	1	charcoal and salt as								71 200	
		required.						1		9,98,5	
			1							-	7 40/
								1.00			
				-		7	otal	4.00			
-				-					Set	3454.00 er Software F	3454.00

RE	· · · · · · · · · · · · · · · · · · ·	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1 14.18	B 2 9						0.111	IVAIL	AIIIOUITI
	SWG dia G.I. wire on								
	surface or in recess for loop				no.				
	earthing as required.						DESTRUCTION OF	स्साम सर्वे	
		1	25.00	919		25.00			
-									
2 17.8	Supplying and laying				Total	25.00	Metre	37.50	937.50
	following sizes one number								
	PVC insulated/ XLPE, PVC	N 9119 9		, m	OF THE			They	
	sheathed, unarmoured,			ford and	7 100				
	aluminium conductor power								
	cable of 1.1 KV grade on			er lebell	1141			ax and	
	surface/ existing cable tray		Reita !	20 50 50				THE REAL PROPERTY.	
	with 1 mm thick GI saddle								
	as required.		9 99 99	91 194	W WHILE				
13	4 x 10 sq. mm.			201 1					
-		1	15.00			15.00			-
-					Total	45.00			
3 26.3	Supplying, installation,				Total	15.00	Metre	108.00	1620.00
	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.								
1	1.0 HP, single phase						-		
		1				1.00			
					Total	400			
					Total As par E	1.00 stimate A			15866.00
					ris per E	OA O	Say Rs	s. 0	8048.50
R			,			THE	14 -	9,30,8	302=12
111	. an							9,98,9	100-6
191		1/2			1	0//			349

Sub Engineer Nagar Palik Nigam

Astt. Engineer Nagar Palik Nigam

E.E. Engineer Nagar Palik Nigam

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