कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ)

सिस्टम टेंडर नं. 163722

कोरबा दिनांक 02.01.2025

ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 एवं विद्युत हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा अभियता लाज अभियता हो कि समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई—प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई—प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबिमशन लिफाफा प्राप्त होने की अंतिम तिथि

24.01.2025 सायंकाल से 3.00 बजे तक

	2	निविदा खुलने की अतिम तिथि		- 24.0	1.2025 साय	काल 4.00 बज स		
1	西 .	कार्य का नाम	प्राक्कलन	धरोहर राशि	कार्यावधि	निविदा	ठेकेदार	निविदा
	φ.	*	राशि	(FDR/TDR)		प्रतिभागी शुल्क	का वर्ग	खुलने की
			(लाख में)	,		(डिमांड ड्राफ्ट)		तिथि
	1	वार्ड क. 56 पंखा दफाई में सामुदायिक भवन	20.00	15000/-	04 माह	750/-	वर्ग डी	24.01.2025
	,	का निर्माण (अधोसंरचना मद)	+				एवं प्रवर	से
			if	. + = 1			श्रेणी	

शर्तः-1.

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页. 西. 846/2024

निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी

जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर

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

इच्छुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र,पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा ।

अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम,कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन— 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल संबिमशन लिफाफा स्वीकार नहीं किया जायेगा।

• 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 निर्धारित प्रारूप में वैध शपथपुत्र (राशि रू. 100/- नॉनज्यूडिशियल स्टाम्प)

निविदा आमंत्रण दिनांक के पश्चात का, निविदा कमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।

अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम,कोरबा के

नाम पर देय हो प्रस्तुत करना अनिवार्य होगा। सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत् एवं संधारण मूद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एव परफारमेंस गारंटी राशि वापसी हेतु समयाविध की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयाविध में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षमें प्राधिकारी के संतृष्टि के आधार पर भूगतान किया जायेगा।

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। निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 6. 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।

प्रयक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा। निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि

समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।

निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा। 10. निविदा प्रपत्र फार्म –ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा। 11.

निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा। 12.

निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा। 13. उपरोक्त निर्विदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है। 14

ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा। 15. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से 16. छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना संभव नहीं होगा।

कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।

17. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा। 18.

> कार्यप्रिक्न अभियंता नगर पालिक निगम कोरबा (छ.ग.)

प्रतिलिपि-

प्रोग्रामर, संचालनालय, नगरीय प्रशाासन एवं विकास विभाग, रायुपर को uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

Date-Time Detail(s)

	Nagar Nigam Stage	Contractor Stage	Start		Expir	у	Remarks
No.		1 11	Date	Time	Date	Time	
	Release Tender	باي ،	02.01.2025	13.00	02.01.2025	13.00	Release Tender
2		Bid Submission	02.01.2025	13.00	23.01.2025	17.30	
3		Physical Document Submmission	02.01.2025	13.00	24.01.2025	15.00	
4	Tender Open		24.01.2025	16.00			

C

EXECUTIVE ENGINEER KORBA (CG)

For, Commissioner Korba (C.G.)

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

DETAILED ESTIMATE

Name Of Work :- वार्ड क्र.56 पंखा दफाई में सामुदायिक भवन का निर्माण कार्य।

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

S. N. 1	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
\vdash			1	25.00	15.00	Total	375.00 375.00	sqm	7.20	2700.00
2	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		Sqiii	7.20	2700.00
	1.1	In all types of soils.								
		Col	15	2.10	2.10	1.70	112.46			
		Wall	1		0.40	0.40	2.18			
		Step	1	2.30	1.20	0.40	1.10			
		S.T	1	3.60	3.00	1.80	19.44		107.00	0500500
						Total	135.18	Cum	185.00	25007.38
3	1.6	Extra for every additional lift of 1.5 m or part thereof.							- =	
	6.1	All types of soils				2.00	40.00	17	Add Carlo	
		Col	15	2.10	2.10	0.20	13.23	_	,%)=	
			1	3.60	3.00	0.30	3.24	_	26.50	426.46
						Total	16.47	Cum	26.50	436.46
4	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.					F0.00		Yes	
						m . 1	58.00		65.00	2550
5	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.				Total	58.00	Sqm	65.00	3770.00

-	1.47	Jol.	4.51	0.10						
4	19860	, ani.	15	2.10	2.10	0.10	6.62			
67			1	12.00	6.00	0.40	28.80			
+		S.T	1	6.00 3.60	3.00	0.40	7.20			
十				3.60	3.00	0.10	1.08	-	271.00	
+	1.19	Providing filling and compacting	_			Total	43.70	Cum	371.00	16210.8
		local earth (from approved source	- 1							
		pit) in layers not exceeding 20cm								
		in depth consolidating each								
		deposited layer by ramming and								
1		watering, including dressing etc.								
+		complete.								_
十			1	12.00	6.00	0.30	21.60			
十			1	6.00	3.00	0.30	5.40		212.22	
+	1.26	Carriage by mechanical transport				Total	27.00	Cum	242.00	6534.0
	1.20	upto 5 km lead		l						
\top	26.1	Earth	_			-				
7							15.00	Cum	111.00	1665.0
							13.00	Cum	111.00	1003.0
7	3.1	Providing and laying nominal mix								
1		plain cement concrete with								
		crushed stone aggregate using		li						
1		concrete mixer in all works upto								
-		plinth level excluding cost of form						19.50	12.5	
+	1 2	work.				m*				
	1.2	1:3:6 (1 cement : 3 coarse sand : 8						19,554	= 74 7 .	
		graded stone aggregate 40mm nominal size).						-		
\dashv		nonmai size).	15	1.70	1.70	0.15	6.50			
寸			1	_	0.40	0.08	1.29			
\neg			1		3.00	0.10	1.08			-
\neg			1		6.00	0.10	7.20			
			1	6.00	3.00	0.10	1.80			
			1	2.20	1.20	0.10	0.26			
						Total	18.13	Cum	2970.00	53854.7
8	3.2	Providing and laying nominal mix		! !				ĺ		
- 1		reinforced cement concrete with								
- 1		crushed stone aggregate using concrete mixer in all works upto								
- 1		plinth level excluding cost of form								
		work.							· V	
	2.1	1:1½:3 (1 cement : 1½ coarse								
		sand: 3 graded stone aggregate					1			
		20mm nominal size).					,			
			15		1.50	0.50	16.88			
_			15		0.30	1.40	1.26			
4			15		0.30	3.60	3.24			
_			4		0.30	2.40	0.58			
_			1		0.20		2.41			
-			1 1		0.20		1.61			
\dashv			3		0.20		1.61 1.44			
-			1		0.20		0.48			
\dashv			2		1.50		1.13			
\neg			18		1.50		2.30			
			10	0.50	1.50	5.17	2.50			

	1									
			1 :	2 2.59	1.50	0.13	0.9	7		T
1	18	20					14.5	8		
I			1				1.3			
		+	7		-	-	1.3	7		
1	<u> </u>	+	1		-	-	0.0	9		
			1	_			0.80	0	_	
					1		6.19	9		
			1	12.00	6.00	0.10	7.20			
\Box			1	-	-	0.10	1.80)		
\rightarrow						Total	67.27	Cum	4163.00	28005
9	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and								
\dashv	12.1	plinth all complete: Thermo-Mechanically treated bars	-				5443.00	Kg	54.50	296643
	3.4	FE 415 Extra for laying PCC/RCC of any					27.52	Cum	97.50	2683
10		grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					12.38	Cum	195.00	2414
10	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					12.30	- Cum	775100	
11	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.					-			
_		World					0.64	Cum	4237.00	2711.6
11	3.14	Providing and mixing water proofing material in PCC/RCC work in the proportion recommended by the manufacturer.					60.00	Kg	43.50	2610.0
13	3.16	Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth.								
			1 4	15.20		1.00	45.20			
-			_			rotal	45.20	Cum	273.00	12339.6

	Maria A									
1	2.1	oviding and fixing form work								
1		including centring, shuttering.								
		strutting, staging, propping			1		1			1
1		bracing etc. complete and	- 1		1					
1		including its removal at all levels,	- 1		1				1	
	1	for:								
H	1.1	Foundations, footings, bases of								
		columns plinth beam, curtain wall					ŀ	1	1	1
		in any shape and size and all type						1		
		of wall below plinth level.		1					1	
$\vdash \vdash$		Col.	16	4.00	1.70	0.10	10.88			
\vdash			16		1.70					
\vdash			_	4.00	1.50	0.50	48.00			
			16	1.00		1.40	22.40	-		
-		P/Beam		40.20		0.30	24.12			
\vdash		1 / Bealti	1	8.00		0.12	0.96			
\vdash			2	4.00		0.12	0.96			
\vdash	1 2	NAZ A 211				Total	106.36	Sqm	139.00	14784.04
	1.3	Window sills, anchor blocks, string								7
		course, bends, copings, bed plates				- 1				
		and				1				
		like.								
\vdash			2	4.20		0.10	0.84	-		
			\rightarrow	17.70		0.10	3.54			
\square			2	2.85		0.10	0.57			
						Total	4.95	Sqm	184.00	910.80
	1.4	Edge of slab, breaks in floor and						_15-A. 494	_	
		walls upto 200mm.						41.000		- 1 T
			1	60			60.00			
			1	19.90			19.90	31		
	_					Total	79.90	metre	34.00	2716.60
	1.5	Columns, Pillars, Piers and likes-						-	l	
		rectangular or square in shape								
			15	1.00		3.60	54.00			
			6	1.00		3.20	19.20			
						Total	73.20	Sqm	297.00	21740.40
	1.7	Suspended floors, roofs, access								
		platform, balconies (plain					-	-		
		surfaces) and shelves (cast in situ)								
			_	16.20		7.20	116.64			
			1			3.00	10.80			
			1			6.70	24.12			
		Deduction	1	-		0.20	8.04			
		Deduction	1	12.80		0.20	2.56	_		
							140.96	Sqm	235.00	33125.60
	1.8	Beams, lintels, cantilevers & walls				1	_ ′			
			2	40.20		0.20	16.08			
	†		-	40.20		0.20	8.04	-		
				40.20		0.20				
-	 		1			0.20		-		
-	1		3			0.20		-		
 	 		3		6.00		-			
		1			0.00				 	
-	-		1	1 12 nn		1 11/11	/ 411			
				12.00		0.20		-		
			2	12.00 12.00 17.70		0.20	2.40			

1				17.70		0.20				
	7			17.70		0.20				
			2			0.10				
and T			2	2.85		0.10	0.57			
-						Total	93.42	Sqm	202.00	18870.8
+	1.13	Weather shade, chhajja, Cornices	_			Total	75.72	Sqiii	202.00	10070.8
		and mouldings								
\neg			2	15.20		0.50	15.20			
			2	15.20	_	0.08	2.43			
			4	0.50		0.09	0.18			
_			1	2.00		0.50	1.00			
\perp			1			0.08	0.16		_	
\perp			2			0.09	0.09			_
-			3			0.50	2.25			
+			3			0.08	0.36			
+			6	0.50		0.09	0.27	C	204.00	(450.0
+						Total	21.94	Sqm	294.00	6450.9
+	1.15	Stair cases of all types excluding								
	1.15	spiral and folded plate type,								
		including risers and landings								
		and in the same in							2 3 8	
			2	3.00		1.50	9.00	s. b =		
\perp			2	2.59		1.50	7.77			
\perp			20	1.50		0.17	5.10			
						Total	21.87	Sqm	230.00	5030.1
3	4.13	Grading roof for water proofing treatment with:								
	13.1	Cement concrete 1:2:4 (1 cement :								
ı		2 coarse sand : 4 graded stone						- 1	1	
		aggregate 20 mm nominal size)				I	,	- 1		
4			4	16.20	7.20	0.00	2.50			
+			1	6.70	7.20 3.60	0.03	3.50 0.72			
+			1	6.70	3.60	Total	4.22	cum	3817.00	16118.4
4	7.5	Brick work with modular fly-ash				Total	7.22	Culli	3617.00	10110.
1	7.5	lime bricks (FaLG Bricks)				l				
-		confirming to IS:12894-2002 of				-	27			
		class designation 4.0 in foundation					2000 J.	1		
		and plinth in:				-	300	_	1_	
	5.3	Cement Mortar 1:5 (1 cement : 5								
ᆚ		coarse sand)			_					
_			1	40.20	0.30	0.80	9.65			
4			1	2.00	1.00	0.40	0.80			
+			1	2.00	0.70	0.20	0.28			
+			1	2.00	0.40	0.20	0.16			
+			2	3.60	0.20	1.70	2.45			
+			2	2.60	0.20	1.70	1.77		_	
+			1	2.60	0.20	1.70	0.88			
+			1	40.20	0.20	2.90	23.32			
+				40.00	0.20	0.90	7.20			
+				12.00 17.70	0.20	2.20	5.28			
+				17.70	0.20	2.80	9.91			
+				17.70	0.20	0.40	1.42		_	
				_	- 1 - X20 to		63.11			

	The same of the sa									
	1	eduction (-)			T					
1	W.Co.	D	2	2.00	0.20	2.10	1.68			
A	1	D.	1	1.00	0.20	2.10	0.42			
	14	W	9	1.20	0.20	1.50	3.24			
	1	***	1		0.20	2.10	0.42			
W.			2	1.00		1.20	0.58	_		
3011			-4	1.20	0.20		6.34	-		
115						Total	0.34			
P"							57.70	Cum	3350.00	190199.60
-1					G.Tot	al =	56.78	Cum	121.00	3684.45
15	7.6	Extra for brick work in					30.45	Cum	121.00	3004.43
		superstructure above plinth level				1				
- 1		for every floor or part thereof in								
		addition to rate for foundation and							1	
_		plinth:				_	20.66	Cum	242.00	4999.72
15	7.6	Extra for brick work in					20.00	ou	2.2.00	
		superstructure above plinth level							1	
		for every floor or part thereof in								
		addition to rate for foundation and plinth:								
4	7.11	Half brick thick brick masonry								
4	7.11	with fly-ash lime bricks (FaLG								
		Bricks) confirming to IS:12894-								
		2002 of class designation 4.0 in							1	
- 1		superstructure								
- 1		above plinth level upto plinth		3						
		level:								State of Free State
	11.2	Cement Mortar 1:4 (1 cement : 4								
		coarse sand)				-			1 10	
			1	1.65		2.10	3.47			
			1	2.85		3.20	9.12			
		Deduction	1	0.80		2.10	1.68			
	_		1	0.80		2.10	1.68			
							9.23	Sqm	382.00	3523.95
	7.12							- 1		
		Extra for half brick work in								
		superstructure above plinth level for								
		every story or part thereof in							1	
		addition to rate for upto plinth level:		1						
		, ,					7.44	Sqm	22.00	163.68
_										
3	8.151	Providing and fixing factory made								
١	0.131	P.V.C. door frame of size 50x47mm							===	
		with a wall thickness of 5mm,	1							
l		made out of extruded 5mm rigid					Law a Dec		=-	
1		PVC foam		1				and the same		
		sheet mitred at corners and joined		1				A COLUMN TO A COLU		
		with 2 Nos of 150mm long						101 ==		
		brackets of	1		-					
		15x15mm M.S. square tube								
			1	12.00			12.00	metre	346.00	4152.00
									3	
									-	
									_	

	And the second									
	8.1.	Providing and fixing 30mm thick		_	1					
		flactory made panel pyc 4								PARTICIPATION OF THE PARTICIPA
		shutter consisting of frame made	1							
		Jour of M.S. tubes of 19 gaves					1		1 1	
1	1	unickness and size of 10mm						1		
1		19mm for styles and 15x15mm for								
	1	top & bottom rails. M.S. frame	1				I			
	1	shall have a coat of our								
ä	1	shall have a coat of steel primers o	r							
		approved make and manufacture	1						1	
1									1 1	
-	152.2	Both side D.					1		1 1	
	1 3 60160	Both side Pre-laminated panel PVC					 	-		
-		door shutter					1			
-			2	0.80	2.10		3.36			
	0.44			0.00	2.10	Total	-	-		
21	9.16	Providing and fixing M.S. frames of				Total	3.36	Sqm	2832.00	9515.52
1 1		doors, windows, ventilators and								
1 1		cupboards joints mitred and								
		welded with 15x3 mm lugs 10cm								
		long embedded in cement								
		concrete blocks 15x10x10cm of								
		grade M-10 or with				1				
		grade M-10 or with wooden plugs and screws or with								
		and screws or with							1	
	16.2	Angle-iron frames								
		Angle-iron trames								
20	9.14	Description 16					300.00	kg	73.50	22050.00
20	9.14	Providing and fixing steel door						PRI DIVIL	ğ.	
		made of angle iron of suitable sizes			1					
		with M.S. grill of approved pattern			1			d.		
		made of M.S. flats or square or					닉		1	
		round bars coat of red oxide zinc					-	70	1	
		chromate primer.					1	8		
-								31		
							300.00	kg	79.50	23850.00
22	9.13	Providing and fixing steel door/								
		window with M.S. sheet 1mm				1	Ï			
- 1		thick, frame of angle iron,				- 1		1		
- 1		diagonal braces of angle/ flat iron			- 1					
		of suitable size, 3.00 mm			- 1	- 1				
					- 1				1	
		M.S. gusset plates at junctions and		- 1	l	1	1= 1			
		corners, all necessary fittings		1	ŀ	l	2.1		i	
		complete including applying a				l				
		priming coat of red oxide zinc							l	
-		chromate	-+							
-			-				320.00	kg	75.00	24000.00
16	11.1	Durant diversity of the control of t	-				SAGE ALC:			
16		Providing and making 6mm thick				13			- 1	
-		cement plaster of mix:	-	$-\!\!\!\!+$			100 3 -			
		In Cement mortar 1:4 (1 cement :					211.96	Sqm	87.00	18440.52
-		4 fine sand)	_							
7	11.2	Providing and making 12mm thick		- 1						
1							i i			
		cement plaster of mix								
+		cement plaster of mix n Cement Mortar 1:5 (1 cement : 5	\dashv		-	-	211.30	Sqm	96.50	20390.45

	-35	Providing and making 15mm thick								
8	11.5	cement plaster on the rough side								
		of single or half brick wall of mix:								
1	3.3	In Cement Mortar 1:5 (1 cement : 5					236.84	Sqm	113.00	26762.92
	5.0	fine sand)	- 1		- 1					
Lat	12.7	Providing and fixing ceramic								
25		glazed wall tiles conforming to IS :	- 1							
		15622 of approved make, colours,	1						l l	
		shades and size on wall and dados			-				1	
1 1		over 12 mm thick bed of cement				La Company				
		Mortar 1:3 (1 cement : 3 coarse		1			1			
		sand) and jointing with grey				1				
1 1		cement slurry @ 3.3kg per sqm		,						
		including pointing in white cement								
		mixed with matching pigment								
\sqcup		complete.						_		
	7.2	Size above 200x300mm								
\vdash							28.35	Sqm	646.00	18314.10
44	12.9	Providing and laying ceramic					20.33	54m	3.0.00	
77	12.7	glazed floor tiles conforming to IS:								
1 1		15622 of approved size, make,						- 1	ļ	
1		colour, shade laid on 20 mm thick								
		Cement Mortar 1:4 (1 cement : 4		-						
1		coarse sand) including pointing						1		
		the joints with white cement						1		
1 1		mixed with matching pigment etc.,						-23		
1 1		complete								
	0.7	Size above 300x300mm						1) 2.		
	9.2	Size above 300x300mm	1	3.00	1.50		4.50			
			1	2.85	1.50		4.28			
						Total	8.78	Sqm	728.00	6388.20
24	12.13	Providing and laying vitrified floor								
		tiles with double charge/ multi					= 1			
1		charge printing with water					=	<u> </u>		
1		absorption less than 0.5% and			li s		1			
		conforming to IS: 15622 of					1			
		approved make in all colours and			- 9					
		shades and size mentioned								
		below (+/- 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.					_=			
	10.1								_	
	13.1	Size 600x600mm	1	6.00		12.00	72.00			
			$\frac{1}{1}$	3.00		2.00				
\Box			1	15.60			15.60			
$\overline{}$						2.85				
			1	4.40		2.85	12.54			
			1	1.88			1.88			
						3.00	1.88 10.80			
			1	1.88			1.88 10.80 18.00		1151.00	157479.82

Ja A	2 12,3	Extra for providing and laying vitrified floor tiles with 2-5mm grove in between the tiles including								
		grouting the grove with water resistant epoxy compound or with								
1		white cement and approved pigments etc.								
		Complete								
-	14.1	Size 600x600mm				-		_		
-							136.82	Sqm	54.00	7388.28
-								1		
33	14.22	Painting on new work (two or more coats) to give an even shade with:								
	22.1	Satin synthetic enamel paint								
			4	1.10	2.00	2.10				
			2	1.10	1.00	2.10	4.62			
			18	1.10	1.20	1.50	35.64			
			9	1.20	1.50		16.20			
			10	0.60	0.30		1.80			
			2	1.10	2.00	-	9.24			
			6	1.10	1.20	1.50	11.88			
			2	0.60	0.30	m . 1	0.36	C	55.00	5402.10
_				_		Total	98.22	Sqm	33.00	3402.10
28	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								
	1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			1	40.00	0.20	0.08	0.64			
						Total	0.64	Cum	4073.00	2606.72
10	14.49	Wall painting with premium emulsion (plastic) manufactured with the cow dung processing emulsion paint of required shade to give an even shade.		,			-			
	49.1	On new work (two or more coats)					362.57	Sqm	69.00	25017.33
33		Painting exterior surface with ACRYLIC SMOOTH exterior paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc.					2 August 1974			

The same								
1	50.	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)	,		274.	.28 S	qm 79.0	21668.12
25	14.51	Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even.			636.	85 Sq	m 101.0	64321.85
55	18.1	Providing and fixing water 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						
	1.1	White Long pattern W.C. pan of size 580 mm					2450.00	4918.00
33	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:			2.00	each	2459.00	4910.00
	13.1	Flat back half stall urinal of size 460x380x250mm					177100	0.770.00
-					 2.00	each	1776.00	3552.00
37	18.20	Providing and fixing stainless steel AISI-304(18/8) 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:						
		Size 450x380 mm			 2.00	each	3876.00	7752.00
38		Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete						
		32 mm dia			2.00	each	68.50	137.00

1	and the same of th								
1		Providing and fixing on wall face							
40	1b. 5	or under floor UV stabilized							
	SELV-11	Unplasticised Rigid PVC pipes							
		(single socketed) having 3.2mm							
		wall thickness conforming to IS:							
2 l		13592 (4kg/sqcm) including							
		required couplers, jointing with							
1 1		seal ring conforming to IS: 5382							
		leaving 10 mm gap for thermal							
		expansion etc complete							10600.00
	76.2	110 mm dia pipe.				40.00	metre	267.00	10680.00
41	18.77	Providing and fixing on wall face							
		UV stabilized Unplasticised - PVC							
		moulded fittings/ accessories							
1 1		having 3.2mm wall thickness for							
		Rigid PVC pipes conforming to IS:	1					1	
		13592 (heavy) jointing with seal							
		ring conforming to IS: 5382						l	
		leaving 10 mm gap for thermal							
		expansion.		1					
\vdash	77.3	Vent covel							
\vdash	3.2	110 mm		-		1.00	Each	44.00	44.00
	77.5	"P" trap 110mmx110mm long				2.00	Each	227.00	454.00
\vdash	77.6	Nahani trap 110x75 mm				2.00	Each	90.50	181.00
42	19.5	Providing and fixing Chlorinated				2.00	Buen	1	
42	19.5	Polyvinyl Chloride (CPVC) pipes,							
		having thermal stability for hot &						Y-0	
		cold water supply including all							
		CPVC plain & brass threaded							
		fittings						3	
	5.1	15 mm nominal outer dia .Pipes.				80.00	metre	133.00	10640.00
	3.1	15 mm nommar outer dia ii ipesi							
	5.2	20 mm nominal outer dia .Pipes.				60.00	metre	167.00	10020.00
	0.2	20							
	5.4	32 mm nominal outer dia .Pipes				30.00	metre	284.00	8520.00
43	19.11	Providing and fixing G.I. Union in							
		G.I. pipe (New work) including							
		cutting				ì			
		and threading the pipe and making							
		long screws etc. complete:							
	11.1	15 mm nominal bore				8.00	Each	85.00	680.00
	11.2	25 mm nominal bore				6.00	Each	98.00	588.00
	11.4	32 mm nominal bore				4.00	Each	148.00	592.00
									572.00
43	19.13	Providing and fixing 15 mm				-			
		nominal bore Brass bib/stop cock							
L		of approved quality:							П
	13.2	Bib cock (350 grams)				4.00	Each	237.00	040.00
	13.3	stop cock (350 grams)				4.00	Each	237.00	948.00
						7.00	Eacil	237.00	948.00

11:0	1 (4)									
19.42 Providing and placing on terrace (at all floor levels) 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 19.43 Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same : 47 19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof 2.00 Each 94.00 188.00 19.45 Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 160.00 Each 46.00 7360.00 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for stop cock, with C.I. surface box 10x10x10x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix	K	19.1.	(brass) of approved quality, High or low pressure, with plastic floats complete:							
19.42 Providing and placing on terrace (at all floor levels) 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 46 19.43 Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same: 47 19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as too make it leak proof 48 19.45 Making chases upto 7:5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement: 1:4 Coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix	H	17.1					4.00	Each	284.00	
19.42 Providing and placing on terrace (at all floor levels) 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 2.00 Each 125.00 250.00			25 mm nominal bore				4.00	Each	432.00	1728.00
(at all floor levels) 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 46 19.43 Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same: 47 19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof 48 19.45 Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for stop cock, with C. L. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix	1									
and upto 30x30 cm in walls including making good the same : 47 19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof 48 19.45 Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix	45	19.42	(at all floor levels) 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				1000.00	litre	7.30	7300.00
and upto 30x30 cm in walls including making good the same : 47 19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof 48 19.45 Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix										
R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof 48 19.45 Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix	46	19.43	and upto 30x30 cm in walls				2.00	Each	125.00	250.00
R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof 48 19.45 Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement: 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix	17	10.44	G. W	-	+	-	-			
48 19.45 Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix			R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to				200	E-al-	04.00	100.00
walls including making good and finishing with matching surface after housing G.I. pipe etc. 160.00 Each 46.00 7360.00 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix				<u> </u>			2.00	Each	94.00	188.00
55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix	48	19.45	walls including making good and finishing with matching surface							
55 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix		 					160.00	Each	46.00	7360.00
4.00 Each 754.00 3016.00	55	19.47	30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement					0.00	.5.50	. 550.50
0010.00	\vdash						4.00	Each	754.00	3016.00
									5 A 64	19.00

	The same of the sa									
L		Providing, lowering, laying,								
48		aligning, fixing in position at and		1						
		jointing at all level/ depths ISI		1						
		marked HDPE pipes of PE-100								
		grade and PN 6 for sewer								
+1		application as)		
1	6.2	150 mm dia					30.00	metre	771.00	23130.00
49	20.7	Constructing brick masonry					00.00		772100	20100.00
47		manhole with well burnt modular								
		clay bricks crushing strength not	- 1							
		less than 35kg/cm2 in cement								
		mortar 1:4 (1 cement								
		: 4 coarse sand), R.C.C. top slab								
		with 1:2:4 mix (1 cement : 2 coarse				1				
		sand: 4 graded stone aggregate								
		20 mm nominal size), foundation								
		in cement concrete 1:4:8 mix								
		l la								
	7.1	Inside size 90x80 cm and 45 cm								
		deep including C.I. cover with								
1 1		frame (light duty) 455x610 mm								
1		internal dimensions total weight of								
		cover and frame to be not less								
\vdash		than 38 kg				\sqcup			1707.00	00400.00
						\vdash	3.00	Each	6703.00	20109.00
50	20.31						1.00	Each	1709.00	1709.00
		pit 1.20x1.20x1.20m filled with								
		brickbats including S.W. drain	1							
		pipe 100 mm diameter and 1.20 m								e.
		long complete as per standard design.								
		uesigii.								
	4.16	Providing and laying 3mm thick							XI.	
		APP (Atactic Polypropylene							1	
		Polymer)								
	1	modified prefabricated five layer								
		3mm thick water proofing							1	
- 1		membrane,						1		
1		black finished reinforced with non-								
		woven polyester matt consisting of			A				4	
		coat of bitumen primer for		-	-				J.	
		bitumen membrane @ 0.40			* 1				- 99	
		ltr/sqm. by the				-		1		
		same membrane manufacture of	1							
	1	density at 25°C, 0.87-0.89 kg/ltr	1				-	- 4	and the state of t	
		and						39	A. 171	
		viscosity 70-160 cps. Over the						-		
		primer coat the layer of membrane								
		shall be							1 1 1 1 1 1 1	
	1	laid using Butane Torch and								
	1	sealing all joints etc., and						1		
		preparing the								
<u> </u>		surface complete.				 			0 1.2	
- 1								1		
			1	_		7.2	120.24 24.12		17.00	

I										
1	1						144.3	6 sqn	396.00	F7166
		Providing stainless 1 1 11						1 - 1.	070.00	57166.
	9.57	Providing stainless steel railing/								
		grill made of S.S. flats, hollow S.S. pipe or		1				1		
		square/ rectangular sections of			1					
-		approved design fixing in stair			1					
		case,								
		balcony or other places with metal						1		
-		fasteners and stainless steel bolts								
-		etc								
		complete.		İ						
\Box	57.20	SS Grade 304		1	+			+		
				_	1		80.00) kg	525.00	42000.0
					1-	_	00.00) kg	525.00	42000.0
-	12.35	Extra if cut tiles other than half						1		
		tiles are used in risers of steps								
١		skirting	ı							
\dashv		and dado								
-					-		18.00	sqm	27.00	486.00
	21.1	Boring/drilling bore well perfectly			_	-	-			
		vertical for the specified depth								
		suitable to								
		receive required dia for casing/								
		strainer pipe, by suitable method								
	1	prescribed in IS: 2800 (part I),								
		including collecting samples from different		1						
		strata, preparing and submitting							14	
	1	strata chart/bore log, including		1					-	
		hire &			1					
		running charges of all equipments,				1				
		tools, plants & machineries			1					
		required for	ı							
		the job, all complete as per direction of Engineer-in-charge							4	
		upto 90 metre								
		depth below ground level.								
_	11	All torrior of soil		-	 	-				
	1.1	All types of soil 125 mm dia		-		-	20.00			
_	1.2	223 mm uid		+			30.00	metre	321.00	9630.00
	1.2	Rocky strata including Boulders.						\dashv		
	2.20	125 mm dia.		-	-	-	20.00	metre	349.00	6000.00
_							20,00	-110010	347.00	6980.00

		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.							
-	3.2	125 mm nominal size dia	-			40.00	metre	474.00	18960.00
$\vdash \vdash$									
	21.5	Supplying, assembling, 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) 1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges,							
\vdash	5.2	fitti 125 mm nominal dia				50.00	metre	1131.00	56550.00
\vdash	5.2	125 mm nominai dia				00.00			
	21.7	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/ plain ended casing pipes of required dia, conforming to IS: 4270, of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.							
	7.2	125 mm nominal size dia having minimum wall thickness 5.0 mm				40.00	metre	1073.00	42920.00
				_					

					001 1	651	00 4000
	Development of tube well in accordance with IS: 2800 (part I) and IS: 1189, to establish maximum rate of usable water yield without sand content (beyond permissible imit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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			2.	00 ho	ur 654.	1308.0
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						
11.2	well of: 125 mm dia			1.00	each	200.00	200.00
21.12	Providing and fixing M.S. clamp of required dia to the top of casing/housing pipe of tube well as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.						
12.2	125 mm clamp.		_	1.00	each	1031.00	1031.00
 							1001.00

5				٨						
		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.	.00	point	1502.00	1502.00
H		ELEC	TDI	CALI	DADT					
		ELEC	IKI	CAL	AKI		_			
51	3.1				_		-	_		
		Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.								
	1.1	Short Point				18.00			236.00	4248.00
	1.2	Medium Point				20.00			388.00	7760.00
	1.3	Long Point		-		 18.00			553.00	9954.00 1440.00
52	3.9	Extra for providing and fixing light plug point on board in concealed 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. Wiring for circuit/ sub main				6.00	Poin		240.00	1440.00
		wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.								
	13.11	6 X 2.5 sq. mm in 25mm conduit				55.00	Mt	r 1	172.00	9460.00
	13.3	6 X 2.5 sq. mm in 25mm conduit				60.00	Mt	r 1	72.00	10320.00

		Supplying and fixing following								
	1	piano type switch, socket,		1	1					l
	1	other accessories on the existing			1	1				
		switch box/ cover including				1				
		connections etc. as required.			1				1	1
		connections out as required.								
4	1.12	Fan regulator Electronic, step type					11.00	Each	178.00	1958
		moving all round								
55	0	Supplying, installation, testing				1	1			
		and commissioning of			ll .	1				
- 1		following sizes ceiling fan							1 1	
		including wiring the down rods					1		1 1	
		of standard length up to 30 cm					1		1 1	
		with 1.5 sq. mm FR PVC					1			
-		insulated, copper conductor,								
		single core cable, earthing etc.			1			1		
		complete as required.								
\top	1.3	1400 mm sweep					11.00	Each	1637.00	18007
6	8.6	Supplying, installation, testing								
		and commissioning of					1			
-		following sizes heavy duty		1	ł		1			
- 1		(continuous running) 1400 rpm								
		exhaust fan in existing opening				1				
- 1		in wall including earthing etc.							1	
		complete as required.								15240
	6.1	300 mm sweep					6.00	Each	2558.00	15348.
57	8.11	Supplying, installation, testing								
- 1		and commissioning of		1						
1		following T-5 fluorescent fitting		1				1		
1		(luminaries) complete with		1						
1		electronic ballast but without	1]					
		fluorescent lamp, on ceiling/		1			1			
		wall surface, earthing the fitting					1	1		
		etc. as required.								
	11.1	Single box type with decorative					5.00	Each	635.00	3175.
58	8.18	end caps Supplying, fixing, testing and								
50	0.10	commissioning of following								
		CFL (Built in choke type) in								
		existing lighting luminaries as								
	18.7	26 Watt					10.00	Each	289.00	2890.
	18.11	85 Watt		ž.			8.00	Each	907.00	7256.
59	8.19	Supplying, fixing, testing and								
- 1		commissioning of following		1 1						
		CFL without ballast in existing CFL							i	
		lighting luminaries as required.		4					-	
\dashv	19.5	36W CFL (without choke)					5.00	Each	176.00	880.
\neg	19.3	1x250 watt					1.00	Each	7086.00	7086.

A STATE OF THE STA										
	The state of the s	Supplying, installation, testing and						$\overline{}$	T	
1	/ ava	commissioning of			1			1	1	
		following 230/250 volts CFL street	İ							
		light fitting with perplex		1		-		1		
	1	cover on pole bracket complete		1			1			1
	1	but without lamp as								
		required.	l						1	
	29.2	85 watt		1	_	-	2.00	Fl-	1407.00	2014.00
	8.34	Supplying, fixing, testing and		-			2.00	Each	1407.00	2814.00
61	8.54	commissioning of following)	1		
11		230/250 volts metal halide lamp		l				1		
		in existing lighting luminaries					1			
					1		1			
		fixed on pole/ wall/ roof etc as								
-	242	required.				-	1.00	- 1	1.102.00	1403.00
-	34.3	250 watt (T)			_		1.00	Each	1403.00	1403.00
62	9.10	Providing and fixing metal clad,								
		TP&N switch fuse unit (rewirable),			1					
		415/500 volts, with porcelain re-				1			,	
		wireble fuses					1 1			1
		including drilling holes on the								
1		board, connections, earthing the								
1		body etc. as required. (Thimbeling		l						
		shall be paid separately).								
	10.2	63 amps		<u> </u>		+	1.00	Each	1821.00	1821.00
63	9.11	Providing and fixing porcelain re-		-		1				
	,,,,,	wireble fuse carrier and		l			1	- 1		
		base unit on wooden board					1			a service of
		including drilling holes on the						1		
		board, screws, connections etc. as						- 1		
		required. (Thimbeling					1		10-	
		shall be paid separately).								g1 42
	11.3	63 amps					3.00	Each	157.00	471.00
64	11.2	Supplying and fixing on surface/					l l			
		recess following way, 240 volts								
		SP&N MCB distribution board of						1		
		sheet steel phosphatized and						-	i i	
		powder painted complete with						l	1	
	1	tinned copper busbar, neutral							- 1	
		busbar, earth bar, din bar,							7-	0
		detachable gland plate, including							- 1	58
		interconnections, earthing etc. as			11				- 12-	
		required. (But without								1
\vdash	2.1	MCB/RCCB/Isolator) 4 way, Single door	-			-	2.00	Each	602.00	1204.00
65	11.12	Supplying and fixing DP MCB, 240	\dashv			,	2.00	Lacii	002.00	1204.00
05	11.12	volts, 'C' curve, suitable for lighting					1	- 1		
		and other loads in the existing					l			
		MCB DB complete with							3.	
		connections, testing and	- 1	- 1						
1 1		commissioning etc. as required.						37 8		
\Box	12.3	40 amps	_	-			2.00	Each	684.00	1368.00
		- F-					2.00	Lacii	00-1.00	1300.00

10.00										
	The same	Supplying and fixing SP MCB, 240								
No.	1.0	volts, 'C' curve, suitable for					1			
	1	inductive load in the existing MCB						1		
	1	DB complete with connections,							1	
		testing and commissioning etc. as							1	
- 1	6	required.								
<u> </u>	11.2	6 amps to 32 amps					3.00	Eac	h 154.00	
بيرا	14.2	Earthing with G.I. earth pipe 4.5	\vdash		1		2.00) Se	t 3454.00	6908.00
67	14.2	metre long, 40 mm dia including								
		accessories, and providing					1			
		masonry enclosure with cover			1					
		plate having locking arrangement								
		and watering pipe etc. with		,						
		charcoal and salt as required.								
68	14.19	Providing and fixing 6 SWG dia G.I.	╁	—	 		40.00	Mt	r 20.50	820.00
00	2	wire on surface or in								
		recess for loop earthing along with				1		1		
		existing surface/							1	
		concealed conduit/ submain	ı					l		
		wiring/ cable as required.			1					
69	17.8	Supplying and laying following		1						
		sizes one number PVC								
		insulated/ XLPE, PVC sheathed,					1			
		unarmoured, aluminium					1			
		conductor power cable of 1.1 KV								
1		grade on surface/ existing cable	1							i
		tray with 1 mm thick GI saddle as			1		2			
		required.								_
	8.2	2 x 10 sq. mm					30.00	Mtr		2640.00
	8.13	4 x 10 sq. mm.				,	20.00	Mtr	108.00	2160.00
70	21.15	Supplying and fixing of 32mm dia					2.00	Each	823.00	1646.00
		x 2 metre long G.I pipe								1 R 1
		(light) bracket for mounting street								7,7-20.
1		light fittings of all types							1	3118
		on poles including bending the		1						
		pipe to the required shape, 2 Nos								
		40x3mm flat iron clamps with								
		bolts and nuts including wiring							1	H S
		with 1.5 sq. mm W.P /PVC wire	1						1	
		etc. as required.								
\vdash	32.102	Pump set				-	1.00	each	21466.00	21466.00
	102.4		-				1.00	each	41400.00	21466.00
	102.1		\dashv							
\perp				_		1 1			· •	

As per Estimate Amount Rs.

1999980.49

Say Rs.

Sub Er. Nagar Palik Nigam Korba

Astt. Er Nagar Palik Nigam Korba