

कारालिय, नगर पालिक निगम, कोरबा (छ.ग.)

मुख्य कार्यालय - साकेत भवन, आई.टी.आई. चौक, कोरबा (छ.म.)

टी.पी. नगर जोन

फा.क. / 268,267,268,269,270,271 / निर्माण (टी.पी. नगर) / 2024 /

कोरबा, दिनांक 11.09.2024

निविदा आमंत्रण की सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य के कार्यों क्र. 01 से 03 तक के लिए प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 एवं PWD Electrical SOR 01.06.2020, कार्य क्र. 04 के लिए हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 & PWD Road SOR 01.01.2015 एवं कार्य क्र. 05 से 06 तक के लिए प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर शेड्युल अनुसार आयटम दरों पर Form-A निम्नलिखित

ईट से डाउनलोड कर त्रि–लिफाफा पद्धति माध्यम से आमंत्रित की जाती है :–

	निर्माण कार्यो हेतु मैन्युअल निविदा वे	बसाईट से डाउनल	ोड कर त्रि–ि	नफाफा पद्धात	माध्यम स जा	कार्यावधि	ठेकेदार	निर्घारित	निविदा
क्र.	कार्य का नाम	प्राक्कलन	घरोहर	ानावदा	निविदा प्रपत्र	प्रापापाप	का वर्ग	प्रारूप में	खुलने की
		राशि में	राशि रू	प्रपत्र का	प्रपत्र		,	निविदा प्रपत्र	अंतिम तिथि
			में	मूल्य				प्राप्त होने	
								अंतिम तिथि	
1									
	वार्ड क्र. 03 राताखार में स्थित						7770777		
	शासकीय माध्यमिक शाला में	14,58,000/-	11,000/-	750/-	Form-A	04 माह	सक्षम श्रेणी	01.10.2024	03.10.2024
1.	अतिरिक्त कक्ष निर्माण कार्य (जिला	14,58,000/-	11,000/-	1501			3411	011101202	
	खनिज संस्थान न्यास मद, प्रथम								
	निविदा) वार्ड क्र. 16 में शासकीय प्राथमिक								
	शाला एवं माध्यमिक शाला								
	कोहड़िया (चारपारा) में शौचालय	12,62,000/-	9,500/-	750/-	Form-A	04 माह	सक्षम श्रेणी	01.10.2024	03.10.2024
2.	(बालक / बालिका) एवं किचन शेड	12,02,000/-	7,500/	,,,,,			ત્રના		
	का निर्माण कार्य खनिज संस्थान								
	न्यास मद, प्रथम निविदा)				-				
	वार्ड क्र. 16 कोहड़िया अंतर्गत			,	Form-A	80.00	सक्षम	01.10.2024	03.10.2024
3.	शासकीय प्राथमिक शाला भवन का	16,70,000/-	13,000/-	750/-	roim-A	04 माह	श्रेणी	0111311131	05.10.202
0.	निर्माण कार्य (नवीन भवन) (खनिज								
	संस्थान न्यास मद, प्रथम निविदा) वार्ड क्र. 16 कोहड़िया में सी.सी.				_		सक्षम		
4.	रोड निर्माण कार्य (प्रभारी मंत्री मद,	15,00,000/-	11,250/-	750/-	Form-A	04 माह	श्रेणी	01.10.2024	03.10.2024
4.	प्रथम निविदा)						21 11		
	वार्ड क्र. 16 अंतर्गत कोहड़िया के]
	विभिन्न मोहल्लों में आर.सी.सी.				Form-A		सक्षम		03.10.2024
5.	नाली एवं सी.सी. रोड का निर्माण	20,00,000/-	15,000/-	750/-	. 01	04 माह	श्रेणी	01.10.2024	03.10.2024
	कार्य (खनिज संस्थान न्यास मद,								
	प्रथम निविदा)								
	वार्ड क्र. 16 अंतर्गत कोहड़िया में				Form-A		सक्षम	01 10 2024	
6.	आर.सी.सी. नाली एवं सी.सी. रोड	15,00,000/-	11,250/-	750/-	гогш-А	04 माह	श्रेणी	01.10.2024	03.10.2024
-	का निर्माण कार्य (खनिज संस्थान			>			""		
L	न्यास मद, प्रथम निविदा)						L		

निविदा की 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 आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।

निविदा के दरतावेज हाथो–हाथ न लिया जाकर रजिस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयाविध के पश्चात् प्राप्त निविदाओं पर विचार नहीं किया जावेगा। निविदा आयुक्त, नगर पालिक निगम, कोरबा आई.टी.आई. कॉलोनी रामपुर, कोसाबाड़ी जिला-कोरबा (छ.ग.) पिन नं.-495677 के पते पर भेजना होगा। निर्धारित तिथि को साय 3:00 के पश्चात प्राप्त निविदाएँ स्वीकार नहीं किए जावेंगे।

निविदा प्रपत्र नगर पालिक निगम, कोरबा के वेबसाईट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र Form - A/B/ABC (जारी दिनॉक तक सगस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर

निविदा प्रपत्र त्रि-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगा:-

प्रथम लिफाफा में ठेकेदार का जीवित पंजीयन प्रमाण पत्र, आयकर चुकता प्रमाण पत्र, निविदा सूचना आमंत्रण में उल्लेखित अन्य दस्तावेज के साथ निर्धारित प्रपत्र शुल्क का डीडी एवं निविदाओं में निविदाकार को फिजिकल दस्तोवज के साथ निविदा सूचना जारी होने के पश्चात दिनांक का शपथ पत्र जिसमें संबंधित कार्य का नाम एवं की की निविदा क्रमांक अंकित हो प्रेषित करना अनिवार्य होगा एवं अमानत राशि का टी.डी.आर./एफ.डी.आर. नगद निगम कोश में जमा कर जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय

द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।

तृतीय लिफाफा में उपरोक्त दोनो लिफाफाएँ होगी तथा आवश्यकता पड़ने पर मूल अमिलेख प्रस्तुत करना होगा। (स)

जिन टेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी टेके 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।

निविदा प्रपत्र प्राप्त करने हेतु इच्छुक ठेकेदारों को आवेदन पत्र के साथ उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्न हो तो उसका 6. प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिप, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आयुकर चुकता प्रमाण पत्र, पेन नम्बर, जी. एस.टी. पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, शपथ पत्र, कर्मचारी भविष्य निधि संगठन, कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त एवं निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क. 04 के लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।

कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमॉक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर मेजना होगा।

निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लेवें ताकि प्रारंम करने में किसी प्रकार की कठिनाई न हो।

निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही माग माना जावेगा। निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही निविदा दर संबंधी लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।

ठेकेदार को अपनी दरें शब्दों एवं अंको में लिखना अनिवार्य होगा।

शासन के विभिन्न विभागों जैसे:– खजिन विभाग, श्रम विभाग, समाज कल्याण विमाग इत्यादि विभागों द्वारा समय–समय पर जारी निर्देशों / आदेशों के पालन की समस्त जिम्मेदारी संबंधित ठेकेदार की होगी। ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही की

...... कार्य प्रारंभ नहीं करने अथवा अपूर्ण स्थिति में छोड़ने पर निगम द्वारा ठेकेदार के विरुद्ध तत् समय में एम.आई.सी. द्वारा स्वीकृत प्रस्ताव के

अधीन कार्यवाही की जावेगी जिसकी संपूर्ण जवाबदारी ठेकेदार की होगी।

सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी जबकि निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर. /टी.डी.आर. ऑफिस, टाईम डिपॉजिट अथवा एन एस.सी. जो कि आयुक्त नगर पालिक निगम कोरवा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के मीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।

सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रनिंग देयको के साथ 01 वर्ष एवं 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस

सिक्यूरिटी के रूप में रोकी जावेगी। मरम्मत कार्य हेतु मात्र सुरक्षा राशि की कटौती की जावेगी।

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।

निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विमागों में किये जा रहे कार्यों का विवरण राशि सहित मूल प्रति में वैध शपथ पत्र कंडिका क. 04 के प्रथम लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।

ईट से संबंधित निर्माण कार्यों में पलाई ऐश ब्रिक्स का उपयोग किया जाना अनिवार्य होगा।

निविदा प्रपत्र अहस्तांतरणीय होगा एवं संशर्त निविदाओं पर विचार नही किया जावेगा। 21. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधीनस्थ अधिकारियों का निर्णय अंतिम एवं सर्वमान्य होगा।

22. निविदा प्रपत्र From-A के क्लाज नंबर-11 अनुसार एस्केलेशन देय नहीं होगा। 22. टावपरा अपन मार्गाम्य पर पराज्या वर मार्गाम्य पर अपुराष्ट्र प्रवंधन नियम 2016" में किये गये प्रावधानों का पालन करना अनिवार्य होगा।

24. टेकेदार द्वारा संपादित किये गये कार्यो के देयकों का भुगतान बजट आबंटन और राशि उपलब्ध होने पर किया जावेगा।

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

निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।

26. नोटः⊢

अमानत राशि के रूप में एफ.डी.आर. /टी.डी.आर. अथवा नगद जमा रसीद पृथक से लिफाफे में स्वीकार किए जावेंगे आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो।

उपरोक्त तिथियों में किसी भी तिथि को शासकीय/स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्घारित तिथि समय एवं स्थान माना

पृष्ठा.क. / 266,267,268,269,270,271 / निर्माण (टी.पी. नगर) / 2024 / प्रतिलिपि :-

कोरबा, दिनांक 11.09.2024

1	प्रोग्रामर, संचालनायलय,	नगरीय प्रशास	न एवं विका	त विभाग	, मंत्रालय	अटल	नगर नय	ा रायपुर	(छ.ग.) व	ने uad.cg.gov.in में	अपलोड
١.	किये जाने हेतु प्रेषित।									N	

हस्ताक्षर फर्म का नाम पता मोबाईल नंबर **प्रार्तिक निग**म्

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

DETAILED ESTIMATE

Name of Work: CONSTRUCTION OF GOVT. PRIMARY SCHOOL BUILDING AT KOHADIYA UNDER WARD NO-16

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			<u>.</u> 	T		1		
		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.								
		C1	17	1.30	1.30	1.30	37.34			
		-wall	1	68.00	0.30	0.30	6.12			
		DeductionFOUDATION	17	1.30	0.30	0.30	-1.98			
		-STEP	1	2.90	0.90	0.10	0.26			
		-PLATFORM	2X1	1.30	0.30	0.10	0.07			
		-RAMP	1	1.30	0.30	0.10	0.03			
			1	3.00	0.30	0.10	0.09			
						Total	41.93	cum	185.00	7,757.05
2	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.		1						
		upto 1.5 W.								
							41.93			
						Total	44.00			
3	1.18	Providing and filling in				Total	41.93	cum	65.00	2,725.45
		plinth with sand/ Crusher		1257 506		_				
		dust and hard moorum	-				41.4			
		under floor in layers not	7			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
		exceeding 20cm in depth			>="	- 13-	m_11.16-	1 9 T	Part Vall	70 74 72
		consolidating each								
		deposited layer by								
		ramming and watering, including dressing etc.					ľ			
		mending dressing etc.		- 37 %					- V	

	completeclass room		L	В	H/D	QTY	UNIT	RATE	AMOUNT
	-class room								
		2	6.00	4.50	0.10	5.40			
	-office	1	2.90	2.90	0.10	0.84			
	-ver -kitchen	1	9.10	1.80	0.10	1.63			
		1	2.90	2.90	0.10	0.84			
	-ramp	1	3.00	1.10	0.10	0.33			
1.19	Providing Su:				Total	9.04	cum	371.00	3,353.84
1.17									
	(from approved								
	in layers not as a li								
	20cm in donth								
	denosited laves have								
	ramming and and								
	including drawning,								
	complete				1				
		1	6.00	4.50	0.30	8.10			
		1	2.90	2.90	0.30	2.52			
		1	9.10	1.80	0.30	4.91			
		1	2.90	2.90	0.30	2.52			
	-ramp	1	3.00	1.10	0.40	1.32			
					Total			242 00	4,687.5
2.1	Providing and fixing								1,001.0
	form work including								
	centring, shuttering,								
	strutting, staging, propping								
	bracing etc. complete and								
	including its removal at								
	all levels, for:								
1.1	Foundations, footings,								
	bases of columns plinth								
	beam, curtain wall in any								
		1774	1.10						-
						14.45			
	p. 0	TXZ	68.00		0.30	40.80			
15	Columna Dillara Di				Total	85.17	sqm	139.00	11,838.6
		7						.55.00	. 1,000.0
	in all and a square								
	in snape								v <u>.</u>
		17	1.00		3.00	51 00			
						31.00			
1.7	C				Total	51.00	cam	007.00	AP 41= 5
1.7	Suspended floors, roofs,				- Ctai	31.00	sym	297.00	15,147.00
	access platform, balconies								
	(plain surfaces) and								
	shelves (cast in situ)	- 1							
	1 - X 1 - X 1 - X 1	1 0	13 20	7.50					
1	1.1	compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. completeclass room -office -verkitchen -ramp 2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. base f2 -p.bcol.upto p.lp.b	compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. -class room 1 -office 1 -ver. 1 -kitchen 1 -ramp 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. -class room	compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. -class room	compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. -class room 1 6.00 4.50 0.30 -30 -30 -30 -30 -30 -30 -30 -30 -30 -	Compacting local earth (from approved source pit) in layers not exceeding 20cm in depth	Compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. -class room	compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. -class room

1	1	F ITEM DESCRIPTION	N 1	L			/D QTY	UNIT	RATE	4MOUN.
				3.90			4.2	9		
			1	3.10	3.9	90	12.0	9		
	1.8	D. D.				To	tal 115.3	8 sqm	005.00	
	1.0	Beams, lintels, cantilevers & walls					113.3	o sqin	235.00	27,114.3
		-I.b	1.0							
		-chhajja	1x2	68.00			20 27.20	0		
		33	8	1.80	-		7.20)		
		-kitchen pf	1	1.30	-		0.65	5		
		slab beam	1 1x2	2.90	0.5		1.45			
		-T BEAM	2X2	68.00		0.3		1		
			2/2	4.50		0.4		1		
6	3.1	Providing and laying				Tot	al 84.50	sqm	202.00	17,069.0
		nominal mix plain								
		cement concrete with								
		crushed stone aggregate								
		using concrete mixer in							^	
		all works upto plinth								
		level excluding cost of								
		form work.								
	1.2	1:4:8 (1 cement : 4								
		coarse sand: 8 graded								
		stone aggregate 40mm								
		nominal size).								
		-foundation	17	1.30	1.30	0.15	4.30			
		-wall	1	68.00	0.30	0.10		-		
		Deductioncol.	17	0.30	0.30	0.10				
		-floor	2	6.00	4.50	0.10				
		-office	1	2.90	2.90	0.10				
		-ver	1	9.10	1.80	0.10				
		kitchen	1	2.90	2.90	0.10				
		step	1	2.90	0.90	0.10				
		-plateform	2	1.30	0.30	0.10	0.07			
		-ramp	1	1.30	0.30	0.10	0.03			
			1	3.00	0.30	0.10	0.09			
		-plateform top	1	2.80	1.30	0.10	0.36			
		-ramp top	1	3.00	1.10	0.10	0.33			
						Total	16.04 c	um	2659.00	2,650.36
7	3.2	Providing and laying								,
		nominal mix reinforced								
		cement concrete with				1				
		crushed stone aggregate								
		using concrete mixer in								
		all works upto plinth								
		level excluding cost of	2 1		· Vine	<u> </u>				
		form work.					<u>*</u> * 1n=			
	2.1	1:1½:3 (1 cement: 1½								
		coarse sand : 3 graded	e.				7 1 100		1	
		stone aggregate 20mm		- 6 6						
		nominal size).						1		

Powered By: Estimate Maker Softwa Pg. 3

	ITEM DESCRIPTION -base f1	N 17	1 20	B	H/D	QTY	UNIT	RATE	AMOUN
	f2	17	1.30	1.30	0.30	8.61			-
		17	1.10	1.10	0.40	8.22			
	col. upto p.l.	17	0.30	0.20	0.85	0.86			
	-p.b.	1	68.00	0.20	0.30	4.08			
	-col. upto l.b.	17	0.30	0.20	2.10	2.14	-		
	-1.b.	1	68.00	0.20	0.20	2.72			
	chhajja	8	1.80	0.50	0.10	0.72			
		1	2.90	0.50	0.10	0.14			
		1	1.30	0.50	0.10	0.06			
	kit pf	1	2.90	0.50	0.10	0.14			
	col.upto slab	17	0.30	0.20	0.80	0.81			
	-slab beam	1	68.00	0.20	0.30	4.08			
	-t beam	2	4.50	0.20	0.40	0.72			
	-slab	1	13.20	7.50	0.40	12.37			
	-slab	1	3.90	1.10	0.13		-		
		1				0.55			
			3.10	3.90	0.13	1.51			-
					Total	47.73	aum.	4462.00	100 000
8 3.4	Extra for laying				Total	41.13	Cum	4103.00	198,699
	PCC/RCC of any grade								
	in superstructure above								
	plinth level for every floor								
	or part thereof in addition								
	of part thereof in addition								
	to rate for foundation and								
	plinth:								
						25.96			
0 2.10	D :::				Total	25.96	cum	97.50	2,531.
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								
	plinth all complete:								
12.1	Thermo-Mechanically								
12.1	treated bars FE 415								
	treated bars FE 415								
		47.73	100.00			4773.00			
10 7.5	Brick work with modular				Total	4773.00	kg	54.50	260,128.5
,,,,	fly-ash lime bricks (FaLG								, 120,0
	Bricks) confirming to							-	
	IS-12904 2002 C						-		
	IS:12894-2002 of class		- 1						
	designation 4.0 in						1	and the second	
	foundation and plinth in:			Managa Cara					
5.4	Cement Mortar 1:6 (1							- destination of the second	
	cement: 6 coarse sand)			and a great	-				
	-below plinth	1	68.00	0.20	25				
The same of the sa			-0.00	V.43/1	0.50	6.80	-	-	-

A	TEF	ITEM DESCRIPTION DeductionCOL.	N	L	В	H/D		UNIT	RATE	4MOUNT
	Jan .	-STEP	17	0.30						
-		-SILI	1	2.90	-					
		-P.F	1	2.90	-					
+		RAMP	2	1.00						
		TOTIVII	1	1.30				-		
			1	3.00	0.20	0.30	0.18			
11	7.6	Extra Combaint				Total	7.44	cum	3263.00	24,276.7
	7.0	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
+-		-B/W ABOVE P.L.	1	68.00	0.20	2.10	28.56			
		DeductionCOL.	17	0.30	0.20	2.10	-2.14			
_		DeductionC.G	1	2.60	0.20	2.10	-1.09			
		DeductionDOOR	5	1.10	0.20	2.10	-2.31			
		DeductionWindow	6	1.50	0.20	1.20	-2.16			
		Deductionjali	2	1.50	0.20	1.20	-0.72			
		-b/w above l.b.	1	68.00	0.20	0.80	10.88			
		Deductioncol.	17	0.30	0.20	0.80	-0.81			
_		Deductionventilater	9	0.90	0.20	0.20	-0.32			
						Total	29.89	cum	3384.00	101,147.7
12 9	9.11	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.	1	2.60		2.10	5.46			
+										
13	9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all				Total	5.46	eqm	3330.00	18,181.80

	5	TELL DECODINE					OTV	THATT	DATE	MOUNT
1	F	ITEM DESCRIPTION	N	L	. В	H/D	QTY	UNIT	RATE	THUOM
	TO SERVICE STATE OF THE PERSON SERVICE STATE STATE STATE O	complete including								
		applying a priming coat of red oxide zinc								
		chromate primer.								
		-door 1.1x 2.1		05.0			205.00			-
		-window 1.5x1.2	5				325.00			
-		-jali 1.5x1.2	6				444.00			<u> </u>
-		-yan 1.3x1.2 -ventilator .9x.2	2	-			70.00			-
-		-ventuator .9x.2	9	4.0	0		36.00			
-							075.00		75.00	CE COE 00
14	9.3	Steel work in tubular				Tota	875.00	кд	75.00	65,625.00
		(round, square or								
		rectangular hollow tubes								
		etc.) structure in built-up								
		sections, trusses and								
		frame work including								
		cutting, hoisting, fixing in								
		position upto a height of								
		5m above plinth level,								
		consisting of columns								
		trusses, roof and bottom								
		purlins, base plate, holding								
		down bolts, wind ties								
		bracing (if required),								
		bolts, nuts and washers								
		for fastening etc.								
		complete with applying a								
		priming coat of red								
		oxide zinc chromate								
		primer.								
-	3.2	Electric resistance or					-			
		induction butt welded tubes								
		Grade-300								
+		-for ramp		60.00			20.00			
		•		00.00			60.00			
15	0.11					Total	60.00	kg	93.50	5,610.00
15	9.15	Providing and fixing M.S.								0,010.00
		grill of approved pattern								
		made of M.S. flats or	<u>.</u> 1 1		1 1 m					
		square or round bars			n-	-				
		welded to steel frame of			1 1 1 2					
		windows etc. including	_							
		applying a priming coat				in in table				
		welded to frame with all					\$ - 1 P			
		necessary fitting complete			-					
		including applying a								
		priming of red oxide zinc								
-		chromate primer. ,Column								And the second
		Footing = 1/6			5			and a second		of Santiago
	ı	(NxH)(A1+A2+4Am)					1			- Inches
		,A1=1x1, A2=,0.2x0.2,	1			1		1 -	Ĭ	1

A	wit-	ITEM DESCRIPTION Am=(1/2)(1X1+0.2x0.2)	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
West Control		-window grill								
-		-window gilli	6	35.00			210.00			
						Total	210.00	lia	07.50	44.475.00
16	11.1	Providing and making 6mm				Total	210.00	kg	67.50	14,175.0
		thick cement plaster of								
		mix:								
	1.2	In Cement mortar 1:4 (1								
		cement: 4 fine sand)								
		-ceilling class	2	6.00	4.50		54.00			
		-office	1	2.90	2.90		8.41			
		-ver	1	9.10	1.80		16.38			
		-kitchen	1	2.90	2.90		8.41			
						Total	87.20	sam	87.00	7,586.4
17	11.2	Providing and making						54	07.00	7,000.4
		12mm thick cement plaster								
		of mix:								
	2.3	In Cement Mortar 1:5 (1							-	
_		cement: 5 fine sand)								
_		-inner plaster 6+4.5	2x2	10.50		3.30	138.60			
_		-office 2.9+2.9	2	5.80		3.30	38.28			
_		-ver. 9.1+1.8	2	10.90		3.30	71.94			
_		-kitchen 2.9+2.9	2	5.80		3.30	38.28			
_		Deductioncg	1	2.60		2.10	-5.46			
		Deductiond	5	1.10		2.10	-11.55			
-		Deductionw	6	1.50		1.20	-10.80			
-		Deductionjali	2	1.50		1.20	-3.60			
		Deductionventi.	9	0.90		0.20	-1.62			
18	11.3	Providing and making				Total	254.07	sqm	96.50	24,517.7
10	11.5									
		15mm thick cement plaster on the rough side of single	4-5							
		or half brick wall of mix:								
	3.3	In Cement Mortar 1:5 (1	Commence of the commence of th	1 70						
	3.3	cement: 5 fine sand)	is mer's her work in	AT PARTY OF THE PA		=				
		-outer plaster	2	15.70		100		1 =		
		- Cares Praces	2	8.00		4.00	125.60			
				0.00		4.00	64.00			
						Total	100.00		110.00	
19	12.13	Providing and laying				Total	189.60	sqm	113.00	21,424.80
		vitrified floor tiles with								
		double charge/ multi								
		charge printing with water		ч						
		absorption less than 0.5%	rak _a	-10 ° = 10 °	va. 3					
		and conforming to IS:					Te e			
1	* kn s	15622 of approved make in			227				9 51	
	21 2 1 2	all colours and shades and					7 - 32			
		size mentioned below (+/-10mm), laid on 20mm thick	an Si		Age of		<i>a</i> -			
		cement mortar 1:4 (1		- V = -1		408	- 3	gi B Lp- i d		
		cement: 4 coarse sand)							-	
-		Julia Dalla								

	7EF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	1	including grouting the						0	, ,,,,,	
		joints with white cement								
		and matching pigments etc.								
	,	complete.								
	13.1	Size 600x600mm								
		-class	2	6.00	4.50		54.00			
		-office	1	2.90	2.90		8.41			
		-ver	1	9.10	1.80		16.38			
		-kitchen	1	2.90	2.90		8.41			
		-total skirting length	1	87.00	0.10		8.70			
1		Deductionopen length	1	8.10	0.10		-0.81			
			•	0.10	0.10		-0.01			
						Total	95.09	sam	1151.00	109,448.5
20	12.46	15 mm thick Table				Total		•	1101.00	100,110.0
		rubbed polished Granite								
		stone slab in risers and								
		treads of steps skirting								
		dado and pillars laid on								
		12mm (Average) thick base								
		of cement mortar 1:3 (1								
		cement: 3 coarse sand) and								
		jointed with grey cement								
		slurry including rubbing								
				į.						
		and polishing etc.								
		complete (single stone is to								
		be used for risers and								
		treads of steps and width of								
		stone for skirting and dado								
		shall be equal to the								
		height of skirting & dado								
		and length of 1.0 m).								
	46.1	Granite stone grey/pink								
			1	2.90	0.70		2.03			
			1	3.90	0.30		1.17			
04	1110					Total	3.20	sqm	1869.00	5,980.8
21	14.13	Providing and applying	1							
		2mm thick ready mix								
		exterior grade approved								
		make putty (like Birla wall								
		care, Alltek Superfine W/R								
		of (NCL), Asian, ICI,								
		Nerolac, J.K. wall putty)						1		
		on walls to make the				1				
		surface smooth and even.		-						
		-class ceiling	2	6.00	4.50		54.00			
		-office	1	2.90	2.90					
		-ver	1	9.10	1.80	Legities	8.41			
		-kitchen	1	2.90	2.90		16.38	Light Inc.	nitera (Solf)	
		-inner plaster class	2x2	10.50	2.80	- 0.61	8.41	-		
		-office	2	5.80		3.30	138.60			
		-ver	2			3.30	38.28			
			4	10.90	1	3.30	71.94			

40		ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUN
	7	-kitchen 2.9+2.9	2	5.80		3.30	38.28			
		Deductionc.g	1	2.60		2.10	-5.46			
		Deductiondoor	5	1.10		2.10	-11.55			
_		Deductionwindow	6	1.50		1.20	-10.80			
		Deductionjali	2	1.50		1.20	-3.60			
		Deductionventilator	9	0.90		0.20	-1.62			
-		-outer plaster quantity	1	189.60			189.60			
+						Total	530.87	sgm	94.50	50,167
2	14.12	Applying one coat of cement primer on wall surface (applied @ 0.80						·		
		litrs/10 sqm) complete.								
1		-inner plaster quantity	1	254.07			254.07			
		-outer plaster quantity	1	189.60			189.60			
		-celling quantity	1	87.20			87.20			
_						Total	530.87	sam	23.00	12,210.
23	14.11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.				7 0 ()				
+	11.1	On new work (two or more								
		coats)								
-		-inner plaster quantity	1	254.07			254.07			
		celling quantity	1	87.20			87.20			
						Total	341.27	cam	52.50	17,916.0
						Total	341.21	Sqiii	32.30	17,310.0
24	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:								-
	15.1	more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)					100			
		-outer plaster quantity	1	189.60			189.60			
-	-		3 1 1			Total	189.60	sqm	56.00	10,617.6
2	25 14.17	Painting exterior surface with TEXTURED exterior paint of required shade as per manufacturer's		15/						A CONTRACTOR OF THE PARTY OF TH

	7	ITEM DESCRIPTION	1							
	1	specifications to give	N	L	- E	B H/D	QTY	UNIT	RATE	MOUNT
		protective and decorative								
		finish including cleaning								
		washing of surface etc.								
		complete with:								
	17.1	On new work (Two or								
		more coats applied @								
		3.28 ltr/10 sqm) over and								
		including priming coat of								
		exterior primer applied @								
		2.20kg/ 10 sqm							-	
-		2.20kg/10 sq111								
			1	10.00		4.00				
			1	2.90)	4.00		1	440.00	0.001.0
26	14.21	Applying priming coat on		-	-	Total	63.60	sqm	140.00	8,904.0
	220, 4	steel work with red oxide								
		zinc chromate primer.								
		zare ememate printer.					20.01			
-							62.64			
_						Total	62.64	sqm	17.50	1,096.2
27	14.22	Painting on new work (two				Total	02.04	Sqiii	17.50	1,096.2
		or more coats) to give an								
		even shade with:								
-	22.1	Satin synthetic enamel								
		paint								
_		-cg	1x2	2.60		2.10	1.0000000000000000000000000000000000000			
		-d	2x5	1.10		2.10	23.10			
		-W	2x6	1.50		1.10	19.80			
		-jali	2x2	1.50		1.20	7.20			
		-ventilator	9	0.90		0.20	1.62			
						Total	62.64	sqm	55.00	3,445.20
28	12.34	Precast Terrazzo tiles								
		22mm thick with marble								
		chips of size upto 6mm in								
		skirting and risers of steps								
		and exceeding 30cm in								
	,	height on 12mm thick								
		cement plaster 1:3 (1	1 7			-				
		cement: 3 coarse sand)								
		jointed with neat cement								
		slurry including rubbing					ballet"	91. < \(\tau_1 \)		
		and polishing complete								
		with tiles of.								
	34.2	Medium shade using						-		
		approximately. 50% white								
		cement and 50% ordinary								
		cement.		-						
	 	-step top	1x3	2.90	0.30		2.61			
		-front	1x3	2.90	0.17		1.47			1
			1x3 1x1	2.90 3.00	0.17 1.30		3.90			

Powered By: Estimate Maker Softwa Pg. 10

	FF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	No. of Street, or other Persons					Total	11.88	sqm	682.00	8,102.16
29	1.26	Carriage by mechanical								
		transport upto 5 km lead:								
	26.1	Earth								AND THE RESERVE OF THE PARTY OF
							19.37			
						Total	19.37	cum	111.00	2,150.07

1106286.51

As per Estimate Amount Rs.

Extra for Internal Electrification Add Above 9%

99565.79

00.0

1,205,852.30

Say Rs.

Sub Engineer Nagar Palik Nigam, Korba

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

ame of Work :- Dismentaling Work At Govt. Primary School Kohadiya Under Ward No. 16

As per Sor: - Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015] **Amount** Rate Unit ITEM DESCRIPTION L H/D Qty В 16.42 Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre 4.03 12 0.40 4.20 0.20 5.89 0.30 1 98.20 0.20 0.20 3.93 2 98.20 0.20 17.55 1 19.50 7.50 0.12 1.17 19.50 0.60 0.10 768.00 25015.30 32.57 Cum Total 16.45 Extra for scrapping cleaning and 7524.13 2.10 2 straitening reinforcement obtained on 3582.92 kg demolishing of R.C.C. or R.B. work 3582.92 16.3 Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. 92.64 16.3.3 In cement mortar 1 96.5 0.2 4.8 55.1 0.2 8.816 8.0 Total | 101.456 Cum 263.00 26682.93 16.26 Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and 9 9 Each 100.00 900.00 stacking within 50 metres lead. 16.27 Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and 5 6 6 66.50 Each 399.00 stacking within 50 metres lead.. 16.31 Dismantling steel work in built-up section in angles, channels, flats Isection and T-section including all gusset plates. 6 bolts, nuts, cutting rivets, welding etc., 2 2.4 30 144 kg 1.00 144.00 including dismembering and stacking within 50 metres lead. 16.38 Taking out stone/ concrete/wooden lintels from building masonry of doors windows or any other opening for 4 20 80 Metre 73.00 5840.00 thickness upto 15 cm.

ITEM DESCRIPTION N L B H/D Qty	Unit	Rate	Amount
26 Carriage by mechanical transport			
upto 5 km lead:		1	
1.26.3 Dismantled Building debris		-	
(Mulba) 1 134.03 134.0	3 cum	91.50	12263.56
As per SOR Total Estin	nata Amo	unt Re	79769 02

Sub Engineer (C.G.)

Asst. Engineer Municipal Corporation Korba (C.G.)

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

of Work :- Construction of Boys and Girls Toilet At Govt. Primary School Kohadiya
Under Ward No.16

As per Sor :- Schedule of Rates Public Works Department [PWD BUILDING 01.01.2015]

As	ITEM DESCRIPTION		nent [P		7				
S.NO	•	N	┵	В	H/D	Qty	Unit	Rate	Amount
1	Excavation for all types and sizes of foundations,	l		1				1	
1	trenches and drains or for any other purpose		1						
1	including disposal of excavated stuff upto 1.5 m lift	ŀ			1 1				
-	and lead upto 50 m (At least 5m away from the			l					
	excavated area), including dressing and leveling of		1						
	pits			1					
	In All Types of soil	4	1.30	1.30	1.30	8.79			
		1	15.80	0.40	0.40	2.53			
		1	2.00	1.80	1.20	4.32			
		<u> </u>	2.00	1.00	1.20	15.64	Cum	185.00	2892.66
	1 17 Filling from available evenyated stuff	-			-	15.04	Cuiii	200.00	
	1.17 Filling from available excavated stuff	1							
	(Excluding rock) in trenches, plinth, sides of		1						
2	foundation etc. in layers not exceeding 20cm in	1				15.64	Cum	65.00	1016.34
_	depth consolidating each deposited layer by		l		1 1				
	ramming and watering with a lead upto 50 M. and			1					
	lift upto 1.5 M								
	Providing and filling in plinth with sand/ Crusher								
	dust and hard moorum under floor in layers not		1						
	exceeding 20cm in depth consolidating each		l						
3	deposited layer by ramming and watering,		1						
	including dressing etc. complete.								
	melading dressing etc. complete.		ĺ		1			1	
		1	2.00	1.80	0.10	0.36			
		1	4.00	2.60	0.30	3.12			
			4.00	2.00	0.30	3.48	Cum	371.00	1291.08
						3.46	Cum	371.00	1291.08
	Providing and laying nominal mix plain cement								
	concrete with crushed stone aggregate using								
4	concrete mixer in all works upto plinth level					-			
	excluding cost of form work.								
	1:4:8 (1 cement : 4 coarse sand : 8 graded stone								
	aggregate 40mm nominal size).								
		4	1.30	1.30	0.10	0.68			
		1	15.80	0.40	0.08	0.51			
		2	2.00	0.30	0.10	0.12			
		2	1.80	0.30	0.10	0.11			
		1	4.00	2.60	0.10	1.04			
-+		-	4.00	2.00	0.10		C	2650.00	CE42.45
						2.45	Cum	2659.00	6513.49
	1:1%:3 (1 cement : 1% coarse sand : 3 graded		7.						
	Stone Aggregate 20mm Nominal size).	-	-						
	·		-4 -						
		1	25.00	0.30	0.10	0.75			
		2	10.00	0.30	0.10	0.60			
		1	5.50	3.60	0.10	1.98			
						±0			
						3.33	Cum	4073.00	13563.09

	ITEM DESCRIPTION	N	L	В	H/D	Ott	Unit	Rate	Amount
	ading and fixing formwork inxluding centering			_ <u>B</u>	n/D	Qty	Offit	Rate	Amount
	huttering strutting staging propping braxing etc.								
	omplete and including its removal at all levels, for			1	1		-	1	
100									
	oundations, footings, base of columns and plinth	1							
lt	peam in any shape and size.								
		4x4	1.20		0.30	5.76			
		4x2	0.20		1.10	1.76			
		4x2	0.30		1.10	2.64			
		1x2	15.80		0.30	9.48			
						19.64	Sqm	139.00	2729.96
	Columns, Pillars, Piers and likes- rectangular or	4	1.00		3.20	12.80	Sgm	297.00	3801.60
5	square in shape	4	1.00		3.20	12.00	Jqiii	257.00	
	Beams, lintels, cantilevers & walls								
\neg		1x2	15.80		0.20	6.32			
\neg		1x2	15.80		0.30	9.48			
+						15.80	Sqm	202.00	3191.60
	Suspended floors, roofs, access platform, balconies								
	(plain surfaces) and shelves (cast in situ)								
	throni pariaces) and pricines fease in sital		4.55	2.22	 	14.72			
		1	4.60	3.20		14.72			
_		1	4.60	0.60		2.76			
		1	2.00	1.60		3.20	C	225.00	4859.80
						20.68	Sqm	235.00	4655.60
- 1	Provinding and laying nominal mix reinforcement				1				
	cement concrete with crushed stone aggregate								
6	using concrete mixer in all works upto floor five			1					
٥١	level excluding cost of reinforcement and form			ł			l	l	
1	work.			1			1		
							L		
	1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded stone								
	aggregate 20mm nominal size).						}		
		4	1.20	1.20	0.30	1.73			
		4	0.20		1.10	0.26			
		4	0.20	0.30	3.20	0.77	1		
		1	15.80	0.20	0.30	0.95			
		1	15.80	0.20	0.20	0.63	-		
		1	15.80	0.20	0.30	0.95	 	4	
		1	4.60	3.20	0.12	1.77	 	-	
		1	4.60	0.60	0.12	0.28	 		
		1	2.00	1.60	0.10	0.28	-		
		1	2.00	1.00	0.13	7.81	C	4162.00	22514 70
	Describing and placing in position spinfareaugust for	-	 		-	7.81	Cum	4163.00	32514.70
	Providing and placing in position reinforcement for						1		
-	R.C.C. work including straightening cutting bending	1		1			1		
7	binding etc. complete as per drawings including	ł				1			
	cost of binding wire all complete.	1				1			
	Thormo Machanically treated base	├	-			000 555	 		
	Thermo-Mechanically treated bars	-	-	 	-	800.529	Kg	54.50	43628.83
	Brick work with modular fly och line hat he for	1				1			
8	Brick work with modular fly-ash lime bricks (FaLG			1			1		
	Bricks) confirming to IS:12894-2002 of class						1		
	designation 4.0 in foundation and plinth in:	-		-	-				
		1	1	1	1		i	1	
	Cement Mortar 1:6 (1 cement : 6 coarse sand)	 -	47.55	10.55	-				
	Cement Mortar 1:6 (1 cement : 6 coarse sand)	1	15.80 15.80	0.20	0.40 2.80	1.26 8.85			

	ITEM DESCRIPTION								
	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
146		2	2.00	0.20	1.50	1.20			
- W		2	1.60	0.20	1.50	0.96			
						13.22	Cum	3263.00	43136.86
No. of Contract of	Extra for brick work in superstructure above plinth								
9	level for every floor or part thereof in addition to					9.80	Cum	121.00	1185.32
	rate for foundation and plinth:								
	Providing and fixing steel door/ window with M.S.								
	sheet 1mm thick, frame of angle iron, diagonal								
	braces of angle/ flat iron of suitable size, 3.00 mm								
10	M.S. gusset plates at junctions and corners, all		İ			150.00	kg	75.00	11250.00
	necessary fittings complete including applying a								
	priming coat of red oxide zinc chromate primer								
11	Providing and making 6mm thick cement plaster of mix:								
	In Cement mortar 1:4 (1 cement : 4 fine sand)								
		1	4.00	2.60		10.40			
		1	4.00	0.70		2.80			
						13.20	Sqm	87.00	1148.40
12	Providing and making 12mm thick cement plaster								
	of mix								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)	1	15.80		3.00	47.40	Sqm	91.50	4337.10
13	15mm thick cement plaster on the rough side of								
	single or half brick wall of mix:								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		1	15.80		4.00	63.20			
		1	7.20		1.80	12.96			
						76.16	Sqm	107.00	8149.12
	Providing and fixing ceramic glazed wall tiles								
	conforming to IS: 15622 of approved make,								ĺ
	colours, shades and size on wall and dados over 12								
14	mm thick bed of cement Mortar 1:3 (1 cement : 3								
	coarse sand) and jointing with grey cement slurry								
	@ 3.3kg per sqm including pointing in white								
	cement mixed with matching pigment complete.							l	
	Size upto 200x300mm								
		1	16.60		1.20	19.92			
						19.92	sqm	587.00	11693.04
	Providing and laying ceramic glazed floor tiles							1	
	conforming to IS: 15622 of approved size, make,								
15	colour, shade laid on 20 mm thick Cement Mortar							1	
	1:4 (1 cement : 4 coarse sand) including pointing								
	the joints with white cement mixed with matching								
	pigment etc., complete								
	Size 300x300mm								
-		1	4.00	2.60		10.40			
	Wall painting with premium emulsion (plastic)		X = =			10.40	sqm	692.00	7196.80
16	emulsion panit of required shade to give an even		-		-				
	shade.								
	On new work (Two or more coats)								
						60.60	sqm	52.50	2101 50
_						00.00	ગ્યાા	34.30	3181.50

	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	ainting exterior surface with SMOOTH exterior								
45	emulsion paint processing to give protective and								
	decorative finish including cleaning washing of								
	surface etc. complete with				1 1				
	On New Work (Two or more coats applied @ 1.43					C2 20		56.00	3539.20
	ltr/ 10 sqm over					63.20	sqm	30.00	
	Painting on new work (two or more coats) to give								
18	an even shade with:								
	Satin synthetic enamel paint								
		1*3	1.50		1.20	5.40			
		3*2	1.00		2.10	12.60			
		-				18.00	sqm	55.00	990.00
	18.4 Providing and fixing vitreous china water								
	closet (European type W.C. pan) with white ISI				i				
	marked plastic seat and lid, 10 litre low level white						-	-7	
19	P.V.C. flushing cistern (same colour), conforming to						-		
13		l							
	IS: 7231, with all fittings and fixtures complete								
	including cutting and making good the walls and								
	White pedestal type					2.00	each	2882.00	5764.00
20	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:								
	White Size 550x450 mm					2.00	each	1430.00	2860.00
	Providing and fixing on wall face or under floor UV								
	stabilized Unplasticised Rigid PVC pipes (single						1		
	socketed) having 3.2mm wall thickness conforming						1		
	to IS: 13592 (4kg/sqcm) including required								
21	couplers, jointing with seal ring conforming to IS:								
	5382 leaving 10 mm gap for thermal expansion etc	1							
	1								
	complete.								
	110 mm dia pipe.					10.00	metre	267.00	2670.00
	Providing and fixing on wall face UV stabilized								
	Unplasticised - PVC moulded fittings/ accessories								
	having 3.2mm wall thickness for Rigid PVC pipes								
22	conforming to IS: 13592 (heavy) jointing with seal						1		
22	ring conforming to IS: 13392 (fleavy) Johnson Seal								
	thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	110 mm					2.00	each	154.00	308.00
	Vent covel								
	110 mm					2.00	each	44.00	88.00
	Access door cap								
	110 mm					2.00	each	59.00	118.00
 -	"P" trap 110mmx110mm long						each	227.00	454.00
	1 righ TTOURINYTTOURN JOUR								

10.	ITEM DESCRIPTION	N			_					
	ading and fixing Chlorinated Polyvinyl Chloride	N	-	<u> </u>	В	H/D	Qty	Unit	Rate	Amount
	(CPVC) pipes, having thermal stability for hot &					1				
	sold water supply including all CPVC plain & brass		1				1	1		
	threaded fittings i/c fixing the pipe with clamps at	l						1	1	
	1.00 m spacing. This includes jointing of pipes &					1		1	1	1
23		1	1	9		İ		1	1	
	cost of cutting chases and making good the same							1		1
	including testing of joints complete as per direction					1		1		
i	of Engineer in Charge. CONCEALED WORK		1	- 1		1		1		
1	including cutting chases and making good the walls					l				
	etc.,		1					1	-	
	15 mm nominal outer dia .Pipes.		+-	\dashv	_		15.00	metre	133.00	1995.00
	32 mm nominal outer dia .Pipes.		+	\dashv	- 1			metre		2840.00
24	Providing and fixing 15 mm nominal bore Brass		+	\dashv			10.00	metre	204.00	20 10.00
24	bib/stop cock of approved quality:		1	1				i	1	
	Bib cock (250 grams)			\dashv			3.00	each	185.00	555.00
	Stop cock (350 grams)			\dashv			2.00	each	237.00	474.00
25	Providing and fixing brass/ gun metal gate valve		1	7						
25	with C.I. wheel of approved quality (screwed end):									1
	32 mm nominal bore.		_	+	$\neg \uparrow$		1.00	each	510.00	510.00
	Providing and placing on terrace (at all floor levels)			\top						525.55
	polyethylene water storage tank ISI: 12701		İ	1	1	l		- 1		
	marked with cover and suitable locking			-				- 1		
26	arrangement and making necessary holes for inlet,						1000.00	litre	7.30	7300.00
	outlet and overflow pipes but without fittings and						1			
	the base support for tank				- 1	- 1				
<u> </u>		\perp		\perp						
							Total	Amou	int Rs.	237746.48
	For Electrificati	on V	Work	(P	WD E	lectri	cal Sor 01	.06.20	20) Rs.	12253.52
Net Amount Rs.										250000.00
Say Amount Rs.									250000.00	

Sub Engineer

Municipal Corporation

Korba (C.G.)

Asst. Engineer Municipal Corporation Korba (C.G.)

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

Work :- Bore Work At Govt. Primary School Kohadiya Under Ward No. 16

p.1/17 Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs, (only successful point is payable) 2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required die for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata charr/bore log, including hire & running, charges of all equipments, tools, Plants & machineries required for the job, all complete as per direction of Engineer—in-charge upto 90 metre depth below ground level. 21.1.1.2 Is 11 (pres of Soil 21.1.1.2 (pres of Soil 21.1.2.2 res of Soil 2		ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
method using Schlumberger configuration for locating the proper spot for drilling of the 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) 2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part 1), including collecting samples from different strats, preparing and submitting strata chart/bore log, including collecting samples from different strats, preparing and submitting strata chart/bore log, including collecting samples from different strats, preparing and submitting strata chart/bore log, including collecting samples from different strats, preparing and submitting strata chart/bore log, including photograph in the strategy of the preparation of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.1.3 ISOnnm Dia 21.1.2 Subman Dia 21.1.2 Subman Dia 21.1.2 Subman Dia 21.1.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia 21.1.3 21.50 phyling, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well seere (RNS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineeri-in-charge. 21.1.3 240 (part 1) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuri	1	21/17 Carrying out the resistivity survey by VES			<u> </u>	12		1		
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) 2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in Its: 2800 (part 1), including collecting samples from different strata, preparing and submitting strata chardrore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1.2 All types of soil 21.1.1.3 150mm Dia 21.1.2. T25 mm dia. 21.1.2.2 T25 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150m nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.3.13 150m nominal size dia. 5 21.10 Development of tube well in accordance with IS: 2800 (part 1) and IS: 11189, to establish maximum rate of usable water yield without sand content (Deyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "" note method or any other approved method, measuring static level & draw down etc. by stop draw down method, collecting water samples & getting tested in approved laborator, it claims to the well, all complete, including hire & labour	1				1	1	1	1	1	
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) 2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing strainer pipe, by suitable method prescribed in 15: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.2 150 mm dia. 21.1.2.2 150 mm dia. 21.1.2.2 150 mm dia. 3 21.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CN) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 190 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well scaing (CN) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 190 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge 21.3.1 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per		locating the proper spot for drilling of tube well						1	1	
submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable) 2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing' strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata charbrore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.1.2 I Som molia. 21.1.2.2 I So mad dia. 21.1.2.3 150 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CMO) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mn nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineeri-n-charge 12.3.3 150 mn nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fitting & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 123 ISD mn nominal size dia 5 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 (Deyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully de		within the selected habitation, including			1			1	1	
submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable) 2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing' strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chardvore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.1.2 I Som modia. 21.1.2.2 I 125 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well easing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well sersen (RMS) slotted pipes with ribs, 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 12.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.3.150 mm nominal size dia. 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield o		photography, interpretation of resistivity data and				1		1		
with resistivity readings, necessary graph and photographs, (only successful point is payable) 2 21.1 Borning/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata char/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.1 3150mm Dia 30.00 meter 339.00 10170.00 21.1.2. 1350mm Dia 30.00 meter 339.00 15840.00 21.1.2. 125 mm dia. 30.00 meter 339.00 10470.00 21.1.2. 125 mm dia. 30.00 meter 349.00 10470.00 21.1.2. 125 mm nominal size dia. 15.00 meter 540.00 8100.00 21.1.2. 125 mm nominal size dia 10.00 meter 540.00 8100.00 21.1.2. 125 mm nominal size dia 10.00 meter 540.00 5040.00 21.1.2. 125 mm nominal size dia 10.00 meter 540.00 5040.00 21.1.2. 125 mm nominal size dia 10.00 periori di depths, as per direction of Engineerin-charge. 11.1.2. 125 mm nominal size dia 10.00 periori di depths, as per direction of Engineerin-charge. 11.1.2. 125 mm nominal size dia 10.00 periori di di depths, as per direction of Engineerin-charge. 11.1.2. 125 mm nominal size dia 10.00 periori di di depths, as per direction of Engineerin-charge. 11.1.2. 125 mm nominal size dia 10.00 periori di d		submission of report in the desired format along	4			1		ŀ	1	
photographs. (only successful point is payable) 2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strate chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1. All types of Soil 21.1.2. Bordy strata including Boulders. 21.1.2.2 125 mm dia. 3 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 prequired hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia 21.4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well casen (CM) pipe of required hire and labour charges fittings & accessories etc. all complete, for all depths, as per direction of Engineer in-charge 21.3.3 150 mm nominal size dia 21.1.3 150 mm nominal size dia 3 21.1 0 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" note 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, it disinfection of the well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all as near the present and the proper distraction of approved method, near the proper distraction of approved method, nearest call a		with resistivity readings, necessary graph and								
2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata char/bore logs, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer—in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.1.3 I50mm Dia 30.00 meter 339.00 10170.00 21.1.2.3 I50 mm dia. 21.1.2.2 125 mm dia. 40.00 meter 339.00 10470.00 21.1.2.3 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 investion of Engineer—in-charge 12.1.3.3 I50 mm ominal size dia. 12.1.3 I50 mm ominal size dia. 15.10 meter 540.00 8100.00 endium well capacity air compressor, running the & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer in-charge 21.1.0 Development of tube well in accordance with IS: 2800 (part) and IS: I1189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laborator, iz disinsfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all are need to compressor, tools & accessories etc. all are need to compressor, tools & accessories etc. all are need to compressor, tools & accessories etc. all are need to compressor, tools & accessories		photographs. (only successful point is payable)				i	1		1	
2 21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing' strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.1.2 ISOmm Dia 21.1.2 Rocky strata including Boulders. 21.1.2.2 125 mm dia. 30.00 meter 339.00 10170.00 21.1.2.2 125 mm dia. 31.3 Lypolying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 41.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.3.150 mm nominal size dia. 5 21.10 Development of tube well in accordance with IS: 2800 (part) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, by step draw down method, collecting water samples & getting tested in approved laboratory, by step draw down method, collecting water samples & getting tested in approved daboratory, by step draw down method, collecting water sampl							2.00	Deach	1502.00	3004.00
the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer—in-charge upto 90 metre depth below ground level. 21.1.1. All types of soil 21.1.2. Rocky strata including Boulders. 21.1.2.3 150 mm dia. 21.1.2.2 125 mm dia. 30.00 meter 396.00 15840.00 21.3.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge 21.3.2 120 position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 21.1.0 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "v" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, it disinfection of tube well, all co	2	21.1 Boring/drilling bore well perfectly vertical for			 	-		1		
for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.2. Rocky strata including Boulders. 21.1.2.3 150 mm dia. 21.1.2.2 125 mm dia. 30.00 meter 339.00 15840.00 15840.00 21.1.2.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, it disinfection of tube well, all complete, including hire & labour charges of air compressor, totol & accessories etc. all as near	i							1		
prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & trunning charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1. All types of soil 21.1.1.2. Rocky strata including Boulders. 21.1.2.3 150 mm dia. 21.1.2.2 125 mm dia. 21.1.2.2 125 mm dia. 21.1.2.2 125 mm dia. 21.1.2.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including fire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer in-charge. 21.4.2 125 mm nominal size dia. 15.00 meter 540.00 8100.00 4 21.4.2 125 mm nominal size dia. 10.00 meter 504.00 5040.00 5040.00	1	for casing/ strainer pipe, by suitable method				l		}	1	
samples from different strata, preparing and submitting strata chart/bore log, including hire & trunning charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.2 Rocky strata including Boulders. 21.1.2.3 150 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well casing (CM) pipe of required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "v" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, ½c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all are neg		prescribed in IS: 2800 (part I), including collecting								
submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer–in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.2 Rocky strata including Boulders. 21.1.2.3 150 mm Dia 21.1.2 Rocky strata including Boulders. 21.1.2.3 150 mm dia. 40.00 meter 396.00 15840.00 21.1.2.1 125 mm dia. 30.00 meter 349.00 10470.00 21.1.2.2 125 mm dia. 30.00 meter 349.00 10470.00 21.1.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer–in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc, by step draw down method, collecting water samples & getting tested in approved laboratory, \$W\$ disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all as near								1		
numning charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.2 Rocky strata including Boulders. 21.1.2.2 125 mm dia. 31.1.2.2 125 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 21.3.2 150 mm nominal size dia 5 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 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 tec. all so per		submitting strata chart/bore log, including hire &					1			
machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.2.3 150 mm Dia 21.1.2 Rocky strata including Boulders. 21.1.2.3 150 mm dia. 21.1.2.2 125 mm dia. 30.00 meter 396.00 15840.00 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge 21.3 3150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including rie & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "\" 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 se per direction of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all se per direction of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all se per direction of tube well.							1	1		
per direction of Engineer-in-charge upto 90 metre depth below ground level. 21.1.1 All types of soil 21.1.2 Rocky strata including Boulders. 21.1.2.2 Rocky strata including Boulders. 21.1.2.2 I25 mm dia. 3 21.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well casing (CM) pipe of required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer in-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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 so per developed.							İ	1		
depth below ground level. 21.1.1 All types of soil 21.1.2 Rocky strata including Boulders. 21.1.2 Rocky strata including Boulders. 21.1.2.3 150 mm dia. 30.00 meter 396.00 15840.00 21.1.2.2 125 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3 3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin—charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, funning 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/e disinfection of tube well, all complete, including hire & labour charges of air compressor, tichluding hire & labour charges of air co								1		
21.1.1 All types of soil 21.1.1.2 Stomm Dia 21.1.2 Rocky strata including Boulders. 21.1.2.3 150 mm dia. 21.1.2.3 150 mm dia. 21.1.2.2 125 mm dia. 30.00 meter 396.00 15840.00 21.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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, tolicing water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tolicing hire & labour ch								1		
21.1.2.1 Rocky strata including Boulders. 21.1.2.2 150 mm dia. 21.1.2.2 125 mm dia. 30.00 meter 396.00 15840.00 21.1.2.3 150 mm dia. 30.00 meter 349.00 10470.00 32.13 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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, tolanging tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tolanging tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tolanging tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tolanging tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tolanging the compressor tolanging the compressor	-				-					
21.1.2 Rocky strata including Boulders. 21.1.2.3 150 mm dia. 21.1.2.1 125 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charges of air compressor, to labour charg							20.00	motor	220 00	10170.00
21.1.2.3 150 mm dia. 21.1.2.2 125 mm dia. 31.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/e disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all as nere	-						30.00	meter	559.00	
21.1.2.2 125 mm dia. 3 21.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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 la near			- 1				40.00		306.00	15840.00
3 21.3 Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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 so per	\vdash									10470.00
vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	-		\dashv			_	30.00	meter	349.00	10470.00
medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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 discontent to the supplementation of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all as per discontent to the supplementation of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all as per discontent to the supplementation of tube well.	13									1
conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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							ļ			
and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer—in-charge 21.3.3 150 mm nominal size dia. 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin-charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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				1	İ					
complete, for all depths, as per direction of Engineer –in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, ½/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc. all as per-				1	1					i
Engineer –in-charge 21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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					ŀ				1	l
21.3.3 150 mm nominal size dia. 4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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					l				1	
4 21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	-									
vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of alr compressor, tools & accessories etc. all as per	-						15.00	meter	540.00	8100.00
medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge. 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	4									
conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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				ı	i				j	l
charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineerin- charge 21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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									i	
all depths, as per direction of Engineerin- charge. 21.42 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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 compressor, tools & accessories etc., all as per	1	charges fittings & accessories etc. all complete for		1	i					
21.4.2 125 mm nominal size dia 5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	1	all denths as per direction of Engineering charge		i						1
5 21.10 Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	-									1
with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	-						10.00	meter	504.00	5040.00
maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	١٦	with IS: 2800 (part I) and IS: 11180 to catallian								
content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step 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	1	maximum rate of usable water yield without sand	- 1	1					1	
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		content (beyond permissible limit) with required				100		1 1 1	ra.	1
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	1	capacity air compressor, running the compressor	1	100	* * *		AL MAS S	10. 2		1
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	1	for required time till well is fully developed		- 1				- -		1
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		measuring yield of well by "V" notch method or						- 1		
& 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		any other approved method, measuring static level					1		1	1
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	١	& draw down etc. by step draw down method					1		1	1
approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per	1	collecting water samples & getting tested in				i		- 1		1
compressor, tools & accessories etc., all as per	-	approved laboratory, i/c disinfection of tube well				- 1		1		1
requirement and direction of Engineer-in-charge	1	compressor, tools & second the second tools are				- 1				1
and direction of Engineer-in-charge		requirement and direction of Engineers							1	- 1
	_									

	TEM DESCRIPTION	N							
12	The state of the s	14	<u> </u>	В	H/D	Qty	Unit	Rate	Amount
	roviding and fixing M.S. clamp of required					36.00	hrs	654.00	23544.00
	the top of casing/ housing pipe of tube well			ĺ					
	r IS: 2800 (part 1), including necessary bolts &								
1	inus of required size complete.								
1	21.12.3 150 mm clamp.								
1-	Supplying, installation, testing and commissioning					1.00	each	1055.00	1055.00
Ι΄.	of submersible pump set for water supply system								
	with submersible motor directly coupled to multi-								
	stage submersible pump of specified discharge		9					1	
	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							1	
	etc. as required.								
	2.0 HP, single phase								
_	17.1 Supplying and laying following sizes one					1.00	each	19886.00	19886.00
١	number PVC insulated/ XLPE, PVC sheathed, steel				ı				
	armoured, aluminium conductor power cable of 1.1								
	KV grade direct in ground including excavation,								
l	sand cushioning, protective covering and refilling		1	1				1	
1	the trench etc as required.							1	
	17.1.22 4 x 10 sq. mm.					120.00	meter	278.00	33360.00
9	Supply, installation, testing and commissioning of								
	1-3 HP 1 phase submersible motor starter cum	1	-		- 1			ļ	
	control wall/ floor mounted type made out of not		i		i				
	less than 1.6 mm thick MS sheet and comprising of				ł	1		1	
	following panel mounting switchgears there in						}	1	
	including connection inter-connection etc. as			-		ļ		ı	
	required.		1						
	a) Phase indicating lamps with fuses and toggle		i						
	switches 1 set		İ	k.;					
	b) 1/2/3 HP 1 phase DOL starter with over load and		l						
	no volt relay 1 No		- 1		1	1			
	c) 25 A "C" curve DPMCB 1 No					ĺ			
	d) Voltmeter 0-250 V 1 set		1		- 1	1		1	İ
	ELABBIER U-TU A L SPI	\dashv		-+		1	ACH	4125.00	4125.00
				MOUNT Rs.	134594.00				

Sub Engineer
Municipal Corporation
Korba (C.G.)

Asst. Engineer
Municipal Corporation
Korba (C.G.)