

# क्रायांतय, नगर पालिक निगम, कोरबा (छ.ग.) मुख्य कार्यातय - साकेत भवन, आई.टी.आई. चौक, कोरबा (छ.म.)

टी.पी. नगर जोन

फा.क्र. / 281, 242, 254, 196, 249 / निर्माण (टी.पी. नगर) / 2024 /

कोरबा, दिनांक 24.09.2024

### निविदा आमंत्रण की सूचना

लोक निर्माण विमाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्यों के कार्य क्र. 01 से 04 के लाक ानमाण विभाग स एकाकृत प्रणायन अन्तरा जात कि तथा कि कि प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015, कार्य क. 05 के लिए प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015, कार्य क. 05 के लिए प्रमुख अभियन्ता लोक निर्माण ालए प्रमुख आमयन्ता लाक ानमाण प्रमाण, रापचुर क्षारा व्यवस्था कि हिमाण अपनित्र अनुसूची पर (निविदा खुलने के दिनांक विमाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015, PWD Electrical SOR 01.06.2020 से प्रमावशील दर अनुसूची पर (निविदा खुलने के दिनांक विमाग, रायपुर द्वारा प्रचालत PWD Building SUK 01.01.2013, 1 170 होहामान्य उपाय वर्षे पर निम्निलिखित निर्माण कार्यो हेतु मैन्युअल निविदा तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर शेड्युल अनुसार आयटम दरों पर निम्निलिखित निर्माण कार्यो हेतु मैन्युअल निविदा वेबसाईट से डाउनलोड कर मुहर बंद लिफाफें में निविदा आमंत्रित की जाती हैं :-1. निर्घारित प्रारूप में निविदा प्राप्त होने की अंतिम तिथि 2. निविदा खलने की अंतिम क्लि

क्र. 1 हेतु 15.10.2024 सायंकाल 3:00 बजे तक 15.10.2024 सायंकाल 4:30 बजे तक

- क्र. 02 से 04 हेतु 10.10.2024 सायंकाल 3:00 बजे तक

 निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने की अंतिम तिथि 10.10.2024 सायंकाल 4:30 बजे तक

निविदा खुलने की अंतिम तिथि

क्र.	कार्य का नाम	प्राक्कलन राशि में	घरोहर राशि रू में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1.	वार्ड क्र. 02 तुलसी नगर सामुदायिक भवन के सामने गली में आर.सी.सी. नाली एवं सी.सी. रोड का मरम्मत कार्य। (मरम्मत एवं संघारण मद, प्रथम निविदा)	3,97,000/-	3,970/-	750/-	Form-A	03 माह	सक्षम श्रेणी	15.10.2024
2.	वार्ड क्र. 15 अंतर्गत भैंसखटाल बस्ती में नाली एवं रोड का मरम्मत एवं निर्माण कार्य (मरम्मत एवं संघारण मद, द्वितीय निविदा)	3,95,000/-	3,950/-	750/-	Form-A	03 माह	सक्षम श्रेणी	10.10.2024
3.	वार्ड क्र. 13 अंतर्गत सामुदायिक मंच महावीर चौक के पास अतिरिक्त सुविघा विस्तार / प्रदाय कार्य (माग—अ) (पार्षद मद 2023—24, द्वितीय निविदा)	4,70,000/-	4,700/-	750/-	Form-A	03 माह	सक्षम श्रेणी	10.10.2024
4.	खेलो इंडिया फुटबाल लघु केन्द्र प्रियदर्शिनीय इंदिरा स्टेडियम कोरबा में मैदान समतलीकरण कार्य (निक्षेप कार्य, द्वितीय निविदा)	1,30,000/-	1,300/-	750/-	Form-A	02 माह	सक्षम श्रेणी	10.10.2024
-	टी.पी. नगर जोन में 06 सामुदायिक शौचालय (नया बस स्टैण्ड, पार्किंग 1, पार्किंग 3, स्टेडियम, पम्प हाउस,	3,93,000/-	3,950/-	750/-	Form-A	03 माह	सक्षम	10.10.2024

#### निविदा की शर्ते:-

द्वितीय निविदा)

अप्प गार्डन) की अस्थायी मरम्मत कार्ये (मरम्मत एवं संघारण मद,

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

2. निविदा के दस्तावेज हाथो-हाथ न लिया जाकर रिजस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयावधि 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 सायं 3:00 के पश्चात् 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 समस्त संशोधनों के साथ) आयुक्त नगर पालिक निगम कोरबा के नाम पर देय निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।

निविदा प्रपत्र मुहर बंद लिफाफे में 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 निविदा प्रपत्र शुल्क का डीडी, निविदाओं में निविदाकार को फिजिकल दस्तोवज के साथ निविदा सूचना प्रसारित होने के पश्चात राशि रूपये 100/- के स्टाम्प पेपर पर निष्पादित शपथ पत्र जिसमें संबंधित कार्य का नाम एवं कार्य के निविदा क्रमांक अंकित हो प्रेषित करना अनिवार्य होगा एवं अमानत राशि का टी.डी.आर. /एफ.डी.आर. जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय होगा प्रस्तुत करना

(ब) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।

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

क्रमशः..

श्रेणी

जिन ठेकेदारों द्वारा नगर पालिक निगम के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम के हित के विरूद्ध

कार्य किया गया हो उन्हे निविदा भरने की पात्रता नही होगी। काय किया गया हा ७ है । नायपा नरा पर पार्या नहीं हो हो हो । निविदा हेतु इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य ानावदा हतु इच्छुक ठकदारा का अवस पा न नजावत का त्रात्म का आयकर चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. (जीवित) पंजीयन एवं प्रातालाप, उपलब्ध तकनाका अनल का जानकर निर्वेश कर्मवारी भविष्य निधि संगठन, कर्मवारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मवारी भविष्य निधि संगठन, कर्मवारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण

सूचना टेकेदार के हस्ताक्षर सहित निविदा दस्तावेजों के साथ प्रस्तुत करना अनिवार्य होगा।

कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमॉक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा। काय हुए । लक्षाक पर प्राय प्राय का निवदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लेवें ताकि प्रारंग करने में किसी प्रकार की किठनाई न हो।

निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा।

- ानधारत ।नावपा अपत्र न अस्तावत प्राञ्चार प्राप्त स्वाप्त स्वाप्त । 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, श्रम् विभाग, समाज कल्याण विभाग 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 13.

जारा। कार्य प्रारंभ नहीं करने अथवा अपूर्ण स्थिति में छोड़ने पर निगम द्वारा ठेकेंदार के विरुद्ध निविदा शर्तानुसार एवं मेयर इन काउंसिल के निर्णयों

के अनुरूप कार्यवाही की जावेगी जिसकी संपूर्ण जवाबदारी टेकेदार 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 कोरबा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।
- 16. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रिनंग देयको के साथ 01 वर्ष हेतु साथ ही मरम्मत एवं संघारण प्रकृति के कार्यों को छोड़कर शेष कार्यों के देयकों से 5 प्रतिशत दर से पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस सिक्यूरिटी के रूप में रोकी जावेगी। सुरक्षा राशि एवं परफामरेंस गारंटी राशि वापिसी हेतु समयाविध की गणना कार्य पूर्णता तिथि से किया जावेगा। उक्त समयाविध में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के सन्तुष्टि के आधार पर भुगतान किया जावेगा।

निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदअंतर्गत 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 विभागों में किये जा रहे कार्यों का विवरण राशि रू. 100/-नान् ज्युडिशियल स्टॉम्प पेपर पर निष्पादित शपथ पत्र निविदा दस्तावेजीं के के साथ संलग्न करना अनिवार्य होाग।

इंट से संबंधित निर्माण कार्यों में फ्लाई ऐश ब्रिक्स का उपयोग किया जाना अनिवार्य होगा।

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

21. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त, नगर पालिक निगम कोरबा का निर्णय अंतिम एवं सर्वमान्य होगा।

22. निविदा में सफल निविदाकारों को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है उनको प्रत्येक कार्यो हेत् पृथक से छ.ग. भवन और सन्निर्माण कर्मकार मण्डल का पंजीयन का प्रमाण प्रस्तुत करना अनिवार्य होगा अन्यथा देयक मुगतान किया जाना संमव नहीं होगा।

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

- 24. टेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गये प्रावधानों का पालन करना अनिवार्य होगा।
- 25. टेकेदार द्वारा संपादित किये गये कार्यो के देयकों का भुगतान बजट आबंटन और राशि उपलब्ध होने पर किया जावेगा।

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

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

#### प्रतिलिपि :--

1. प्रोग्रामर, संचालनायलय, नगरीय प्रशासन एवं विकास विभाग, मंत्रालय अटल नगर नया रायपुर (छ.ग.) को uad.cg.gov.in में अपलोड किये जाने हेतु प्रेषित।

हस्ताक्षर फर्म का नाम पता मोबाईल नंबर कार्यपर्लिन् अभियंता न्ध्र पालिक नियम कॅरिबा (छ.ग.)

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

Name of Work :- Temporary Repair of 06 nos(New bus stand ,parking 1,Parking 3,stadium,Pump house,Appu Garden) Community Toilet at T,P,Nagar zone

As per Sor :- Schedule of Rates Public Works Department [ PWD BUILDING 01-01-2015]

.N.	SOR Ref.	ITEM DESCRIPTION	NO	L	В	D/H	QTY	TINU	RATE	AMOUNT
1	14.45	14.45 Removing dry or oil bound distemper by scraping sand papering and preparing the surfaces smooth including necessary repair to scratches etc.								
			6	30.00		3.00	540.00	2.00	F 30	2002 00
3	17.1	17.1 Repairs to plaster in patches				Total	540,00	sqm	5.20	2808,00
3	17.1	of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement: 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lea								
-		17.1.1 Thickness upto 15mm								
		Tr.t. Therees are remm	6	5.60	3.30	,	110.88			
						Total	110.88	Sqm	132.00	14636.16
4	14.13	14.13 Providing and applying 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) on walls to make the surface smooth and								
			5	4,50		3.00	67.50	the spinish of the last of the	94.50	6378.75
	14.16	14.16 Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:				Total	67.50	) sqm	94.30	0378.73
		n old work (One or more coats applied					1100	-	and a second sec	
			3	10.50	3.50		110.25	Sqn	47.50	5236.8
6		14.10 Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.					and the second s		e All medican et a de l'animérican	

	) i		0.50		ا م م ما				
		3	8.50		3.30	84.15	_		
esta .	On new work (two or more coats)				Total	84.15	Sqm	28.50	2398.28
N7	Cit new work (two of more coats)	3	5.50	3.50		F7 7F			
		-	3.30	3.30		57.75			
				-	total=	57.75		44.50	
		-+		-	totai-	37.73	sqm	44.50	2569.88
				_					
	14.22 Painting on new work (two or			-					
l	more coats) to give an even shade						1	1	
	14.22.1 Satin synthetic enamel pain	3		1.20		4.32			
		5		2.10		10.50			
		1	12.00			14.40			
		2	1.20	1.20		2.88			
						32.10	Sqm	55.00	1765.50
	14.23 Painting on old work (one or								
	more coats) to give an even shade				1				
	with:	747.0							
	14.23.1 Satin synthetic enamel pain	t							
						30.00	Sqm	35.00	1050.00
16	9.13 Providing and fixing steel								
	door/ window with M.S. sheet 1mm			1					
	thick, frame				1		1 1	1	
	of angle iron, diagonal braces of								
	angle/ flat iron of suitable size, 3.00								
	mm				1				
	M.S. gusset plates at junctions and			ĺ	1 1		1 1	Ì	
	corners, all necessary fittings								
	complete including applying a			-	-				
		3	1.00	1.20	15.20	54.72			
	•		1.00	1.20	Total	54.72		75.00	4104.0
23	9.6 Steel work welded in built up		<b></b>	<del>                                     </del>	, otal	01.72	, Kg	70.00	4104.0
23	sections/ framed work including		1	·					i
į	cutting,								
1	hoisting, fixing in position and	ł	)	1	)				
1	applying a priming coat of red								ľ
- 1	oxide zinc		İ						
1	chromate primer.		l				1		
	etc. of stair cases including use of			+			-	-	
1	chequered								
	plate wherever required, all								and the same of
	complete.		1						
	@3.06kg/m	-	-	+-	-		┼		-
	W3.00kg/III			-		20.00	<del>,</del>		
						30.00	) kg	70.00	2100.

	25/20	Surface preparation by cheaping							T	
		cleaning the surface through							1	
		mechanical means after surface								
-		preparation repairing the cracks on	- 1					- 1		
4		the surface to be treated after							l	
2		crack repairing application of								
7		acrylic base primer one coat after	- 1							
		priming the surface two coat of	ł					- 1		
- 1						l i				
1		highly elastomeric water proofing	ı			1				}
		coating with eniroof emb is								
		scientific blend of synthetic resins				1				
		selected minerals and fillers after								
		two coat of eniroof emb application								
		of two coat of eniweather bright								Ì
		high solid uv resistant acrylic water						Г		
- 1		proofing membrane								
1			1							
			- 1							1
			1	9.50	4.50		42.75			
						x10.76	459.99	sqf		
		Providing and laying ceramic glazed				1				
		floor tiles conforming to IS: 15622						i		
		of approved size, make, colour, shade								
		laid on 20 mm thick Cement			l	1				
		Mortar 1:4 (1 cement : 4 coarse sand)	_	2.20	1.80	-	31.68	sqm	692.00	21922.56
		Size 300x300mm	8	2.20	1.60		31.00	Sqiii	092.00	21922.30
}	1	Providing and fixing ceramic glazed			ł	1	ł		1	l
		wall tiles conforming to IS: 15622 of approved make, colours, shades			1	ŀ				
		and size on wall and dados over 12								
		mm thick bed of cement Mortar 1:3 (1								
		cement : 3 coarse sand) and								
		jointing with grey cement slurry @								
	1	3.3kg per sqm including pointing in				i i				
1	1	white cement mixed with matching								
		pigment complete				- 15				
		Size above 200x300mm	6	2.20 1.80		2.10 2.10	27.72 7.56			
	-			1.00		total=	35.28	sqm	646.00	22790.88
	8.12	Providing and fixing flush door								
		shutters, conforming to IS: 2202								
		(Part-I),			1	1				
		decorative type core of block board								
		construction with frame of first								and without the
		class							- in	
1		hard wood and well matched teak			l					
1		ply veneering with vertical grains or			1	İ				
		cross bands and face veneers on								
	1	both faces of shutters excluding								
	1	hinges.								
		3001			1					
_	-		4	1.00	1	2.10	8.40	sam	2467.00	20722.80

MANGET !	0.45	D ''' 16' 6'								
	8.15	Providing and fixing factory made 25mm thick PVC flush door								
	i	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1		i		
100		shutters	- 1			İ		1		
I.	1	made out of a one piece Multi	1			j			N.	
10.		chamber extruded PVC section of								
ALL .	1	the size								
Party.	1	of 762mm X 25mm or less as per								
	1	requirement with an average wall								
1	1	thickness of 1mm ± 0.3mm. PVC				}				
	į.	foam end cap of size 23x10mm are	-							}
	1	provided on both vertical edges to	1							
	1	ensure the overall thickness of	1		1					
		25mm.								
1		An M.S. tube having dimensions	- 1							
		19mm x 19mm is inserted along	- 1							
		the								
	1	hinge side of the door. Core of the							ĺ	
}	1	door shutter should be filled with						1		
		High						1	1	
		Density Polyurethane foam. The								
		Top & Bottom edges of the shutter						l		
		are								
1	1	covered with an end-cap of the size						l		
1		25mm X 11mm. Door shutter shall							2	
			12	0.80		2.10	20.16		0500.00	
			12	0.00		2.10	20.16	sqm	2583.00	52073.28

2		Providing and fixing factory made		1						
		P.V.C. door frame of size								
1		50x47mm		l				1	_	
		with a wall thickness of 5mm,							ì	
		made out of extruded 5mm rigid								
The same	- 1	PVC foam		l						
1	1	sheet mitred at corners and joined	- 1				5			
		with 2 Nos of 150mm long brackets	- 1					1		
		of	- 1							
		15x15mm M.S. square tube, the	i					- 1		1
		vertical door profiles to be					i	- 1		
		reinforced with						1		
		19x19mm M.S. square tube of 19								
- 1										
		gauge, EPDM rubber gasket						1		
		weather								
		seal to be provided through out the								
		frame. The door frame to be fixed								
		to				1		1		
		the well using M.C. gorous of		F 00						
26	8.138	Providing and fixing stainless steel	4	5.80		<b> </b>	23.20	m	346.00	8027.20
	3.,30	door latch with 12mm rod, 2.5mm								
		thick flap, necessary stainless steel								
		screws etc complete.								
		es. et. et estipicto.								
	2	2 250mm					20.00			
							20.00			
						Total	20.00	nos	85.00	4700 -
27	8.139	Providing and fixing stainless steel				10.01	20.00	1105	65.00	1700.00
1	1	tower bolts (Barrel type) with								
		necessary stainless steel screws etc							ì	
	-	complete.		1						
- 20		3 150 x10mm	.,			Total	20.00	nos	57.50	1150.00
28	8.14	1 Providing and fixing Stainless steel						1103	37.30	1150.00
		"D" shape door handles made of								
		10mm dia rod with necessary								
1	1	stainless steel screws etc complete.								
		8.141.2 150 mm	_					,		
29	8.5					Total	20.00	nos	49.50	990.00
	1 0.0	8 Providing and fixing bright finished							,0.00	330.00
		brass butt hinges with brass polished MS screws complete:	l	1						
		Solows Complete.								
		8.58.1 125x85x5.50 mm (Heavy Type)	-							
30	8.14	3 Providing and fixing stainless steel		-		Total	20.00	nos	245.00	4900.00
		hanging door stopper with necessary		1						4500.00
		stainless steel screws complete.			1					
1	"			1	1				1	**************************************
		1 Single	-	-	+-					
			-	+		Total	20.00	nos	47.00	940.00
			-	-	+	-				0.0.00
									Total=	212763.41
			-			sanitati	on work		· Otal	133079.00
					ln	ternal El	ectrification	1		
7							tal=			47245.00
							Rs.=			393087.41
							WFG 1989			393000.00
					/ .					

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

Sub Engineer
Municipal Corporation
Korba (C.G.)

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

Name of work :electrification work

per SOR:Schedule of rates public works department[PWD ELECTRICAL-01-06-2020] PART- B

.N.	SOR Ref.	ITEM DESCRIPTION	NO	L	В	D/H	QTY	UNIT	RATE	THUOMA
1	1.1	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)								, and the second
	1	Short Point	40				40			
		Medium Point	10					Point	240.00	2400.00
2		Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with piano type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of phenolic laminated sheet and M.S. box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)					1.00	Point Point	376.00 87.00	752.00 87.00
	6.8	Supplying, installation, testing and commissioning of following sizes fancy exhaust fan having built in louvers in existing opening in wall including earthing etc. complete as per specification. P.F. should be greater than 0.9  300 mm sweep								
		out min dweep					9.00	Fach	4070.00	40400
(		Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)					8.00	caci	1270.00	10160.00
	4.13.2	3 X 2.5 sq. mm in 20mm conduit	6	15.00			90.00	Metre	111.00	9990.00
		Supplying, installation, testing and commissioning of following LED fitting (luminaries) Panel Light in round/square shape complete with electronic driver heat sink capacitor and all other accessories on surface/ in false ceiling etc. as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.						-		5550.0
1	8.22.5	12 Watt	12				12.00	-	588.00	7056.00
_	8.22.6									

5.1	Supplying and fixing following plano			1		
	type switch, socket, other accessories					
	on the existing switch box/ cover	-				
1	including connections etc. as per	-				1
6	specification					
5.1.1	5/6 amps one way switch	5	8.00	Each	25.00	150.00
5.1.4	15/16 amps switch	6	6.00	Each	59.00	354.00
The second second	3 pin 5/6 amp socket outlet	12	12.00	E Note		504.00
The second secon	6 pin 15/16 amp socket outlet	5	6.00	Each	Miles of Committee of the Parket Street, Name of Street, or other Desires of the Parket Street, Name of Street	438.00
5.1.7	Plug Top 3 pin 5/8 Amps (For light)	6			1 38 00	730.00
	plug).		6.00	Earch	1	228.00
5.1.8	Plug Top 3 pin 16 Amps (For power)	6			51.00	220.00
	plug).		6.00	Each	1	306.00
5.1.12	Fan regulator Electronic, step type	6			130.00	300.00
	moving all round		6.00	Each	100.00	780.00
5.1.13	Ceiling rose 3 pin 5 amps	12	12.00	Each	32.00	384.00
5.1.15	Batten/ angle holder	18	18.00	Each	38.00	684.00
7 9.1	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/IEC. 60947-2 and Ics = 100 % Icu.				20,00	004 00
11.17.2	3 pole MCCB, 25-63A, Fixed Thermal Release, 10KA	6	6.	00 Each	1483.00	8898.
					TOTAL =	47245.

Sub Engineer Municipal Corporation Korba (C.G.)

Asst Engineer Municipal Corporation Korba (C.G.)

### OFFICE OF THE MUNCIPAL CORPORATION, KORBA(C.G.) **DETAILED ESTIMATE**

SANITATION WORK

As per SOR: Schedule of rates public works department[PWD BUILDING-01-01-2015]

18.76 Providing and fixing on wall face UV pipes (single socksted) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.  175 mm dia pipe.  1 175 mm dia pipe.  1 130.00  30.00 metre 267,000 5460.00 2110 mm dia pipe.  1 30.00  30.00 metre 267,000 5460.00 2110 mm dia pipe.  1 30.00  18-4 Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre to level vel white P.V.C. flushing cistern (same colour), conforming to IS: 1231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and flores wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  C.P. brass waste of standard pattern, including paining of brackets, 22 mm C.P. brass waste of standard pattern, including paining of brackets, cutting and making good the walls and flores wherever required:  18.1.7 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including paining of brackets, cutting and making good the walls wherever districts of the standard pattern, including paining of brackets, cutting and making good the walls wherever mouled fittings and fixing or wall face UV stabilized Unpleatised PVC moulded fittings/a cocssories having 3.2mm will thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) joinits with seal ring conforming to IS: 13592 (heavy) joinits with seal ring conforming to IS: 13592 (heavy) joinits with seal ring conforming to IS: 13592 (heavy) joinits with seal ring conforming to IS: 1580 (heavy) joinits with seal ring conforming to IS: 1580 (heavy) joinits with seal ring conforming to IS: 1580 (heavy) joinits with seal ring conforming to IS: 1580 (heavy) joinits with seal ring conforming to IS: 1580 (heavy) joinits with seal ring conforming to IS: 1580 (heavy) joinits with seal ring conforming to IS: 1580 (he	As	per	F	PART - C -SANITAION WORK								
pipes (single socketed) having 3.2mm   wall thickness conforming to IS: 13592 (4kg/sqcm) including required   couplers, jointing with seal ring   conforming to IS: 5382 leaving 10   mm gap for thermal expansion etc   complete.	1	-11	18.76 F	Providing and fixing on wall face UV								
pipes (single socketed) having 3.2mm   wall thickness conforming to IS: 13592 (4kg/sqcm) including required   couplers, jointing with seal ring   conforming to IS: 5382 leaving 10   mm gap for thermal expansion etc   complete.	1	1	s	tabilized Unplasticised Rigid PVC								
wall thickness conforming to IS:   13592 (Alsystory) including required couplers, jointing with seal ring conforming to IS: 5382 (easing 10 mm gap for thermal expansion etc complete.   175 mm dia pipe.	1		le le	pipes (single socketed) having 3.2mm								
13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.   1 30.00	1	1								·		
Couplers_iointing with seal ring   Conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.   1 30.00		- 1							,			
Conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.   1 30.00   30.00 metre 182.00   5460.00												
mm gap for themal expansion etc complete   175 mm dia pipe.   1 30.00   30.00   metre   182.00   5460.00   2110 mm dia pipe.   1 30.00   30.00   metre   267.00   8010.00   17660.00   184   Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with lush bend and other fittings and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:   18.1.1 White Long pattern W.C. pan of size 580 mm   3.00 each   2459.00   7377.00   7	1											
175 mm dia pipe.	1		l,	nm gap for thermal expansion etc.								
17.5 mm dia pipe.												
11.0 mm dia pipe.   1   30.00   30.00   metre   287.00   8010.00			ľ	, , , , , , , , , , , , , , , , , , ,								
11.0 mm dia pipe.   1   30.00   30.00   metre   287.00   8010.00	$\vdash$	一	1	75 mm dia pipe.	1	30.00			30.00	metre	182.00	5460.00
18.4 Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 line low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all  18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  2.1.1 White Long pattern W.C. pan of size 580 mm  C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1.0 Coloured Size 550x450 mm  6.18.77 Providing and fixing or wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2 mm wall thickness for Rigid PVC pipes conforming to IS: 13582 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for themal expansion.  1. Tee' Tee with door/ Bend 45°/ Bend 20°/ 175 mm  2.110 mm  3. Vent covel 15.00 each 113.00 1695.00  6. Nahanit rap 110x75mm  2.0.00 each 34.00 680.00					1					metre		
water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all  18.1 18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  18.1.7 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:  1 (Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised PVC moulded fittings 4 accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13692 (heavy) jointing with seal ring conforming to IS: 13692 (heavy) jointing with seal ring conforming to IS: 13692 (heavy) jointing with seal ring conforming to IS: 13692 (heavy) jointing with seal ring conforming to IS: 13		$\neg$				33.33			4			
pan) with white ISI marked plastic seat and lid, 10 little low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all  18.1 18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan ), 100mm sand cast Iron P or S trap, 10 little low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixing wateres complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised – PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend go: 175 mm 15.00 each 113.00 1695.00 175 mm 2110 mm 2100 580.00 2310.00 175 mm 20.00 each 34.00 680.00	1	- [	,	water closet (European type W.C.								17000.00
and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all  18.1  18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Teef Tee with door/ Bend 45°/ Bend gor 1/5 mm 15.00 each 113.00 1695.00 3 Vent covel 175 mm 20.00 each 34.00 680.00	1	- 1		pan) with white ISI marked plastic seat								
P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all closes squatting pan (Indian type W.C. pan ), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.  1 Tep! Tee with door/ Bend 45°/ Bend 90° 175 mm  2 110 mm 15.00 each 113.00 1695.00 175 mm  2 110 mm 2 15.00 each 154.00 2310.00 175 mm  5 Nahanit rep 110x75mm 20.00 each 34.00 680.00	1			and lid, 10 litre low level white								
conforming to IS: 7231, with all  18.1 18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan ), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13582 (avaing)		- 1	١	P.V.C. flushing cistern (same colour).								
18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan ), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including paining of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13582 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45º/ Bend 90°  1 75 mm  1 Tey Toward of the walls was a fing conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming to IS: 13502 (heavy) jointing with seal ring conforming		- 1		conforming to IS: 7231, with all								
closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3.00 each 2459.00 7377.00  8.1.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5362 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90° 1/5 mm 15.00 each 113.00 1895.00 2110 mm 3 Vent covel 15.00 each 154.00 2310.00 175 mm 20.00 each 154.00 2310.00 6 Nahani trap 110x75mm		- 1	- 1									
closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3.00 each 2459.00 7377.00  8.1.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5362 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90° 1/5 mm 15.00 each 113.00 1895.00 2110 mm 3 Vent covel 15.00 each 154.00 2310.00 175 mm 20.00 each 154.00 2310.00 6 Nahani trap 110x75mm			18.1	18.1 Providing and fixing water								
W.C. pan ), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required: 1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings' accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45*/ Bend 90* 175 mm 2110 mm 3 Vent covel 175 mm 20.00 each 113.00 1695.00 1880.00 180.00		- 1		closet squatting pan (Indian type		r.						
100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same coloury conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:    18.1.1 White Long pattern W.C. pan of size 580 mm												
10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:    18.1.1 White Long pattern W.C. pan of size 580 mm								) )				
Cistern (same colour) conforming to IS : 77231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm  2 100 mm 3 Vent covel 1 75 mm 1 15.00 each 113.00 1695.00 1 175 mm 2 20.00 each 34.00 680.00	1	- 1		10 litre low level D.V.C. flushing								(
IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm  2 110 mm  3 Vent covel 175 mm  1 15.00 each 113.00 1695.00 175 mm 20.00 each 34.00 680.00	1	- 1										1
other fittings and fixtures complete including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3.00 each 2459,00 7377.00  8.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm  2 110 mm  3 Vent covel  1 75 mm  1 15.00 each 113.00 1695.00  175 mm  2 2.00 each 34.00 680.00								1				
including cutting and making good the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm 2 110 mm 3 Vent covel 1 75 mm 2 10.00 each 113.00 1695.00 175 mm 3 Vent covel 1 75 mm 2 0.00 each 34.00 680.00	1											
the walls and floors wherever required:  18.1.1 White Long pattern W.C. pan of size 580 mm  3 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm  2 110 mm  3 Vent covel 175 mm  2 110 mm  3 Vent covel 175 mm  2 100 each 113.00 1695.00 175 mm  6 Nahani trap 110x75mm	1	- 1		other fittings and fixtures complete			<b>\</b>					
Tequired :	1			including cutting and making good		1						
18.1.1 White Long pattern W.C. pan of size 580 mm	1	- 1			1							
pan of size 580 mm   3.00 each 2459.00   7377.00	1	- 1		required :			,					
pan of size 580 mm   3.00 each 2459.00   7377.00	-	-		10.1.1.1.1.1.1.1					10			
3	1	Í			i	1	ì	1				
Solution   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:  1   Coloured Size 550x450 mm	-			pan of size 580 mm								
Solution   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:  1   Coloured Size 550x450 mm	-	_										
Solution   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:  1   Coloured Size 550x450 mm	$\vdash$	_	40.4						3.00	each	2459.00	7377.00
Wash Dasin 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:  1 Coloured Size 550x450 mm  1 8.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90° 1 75 mm 2 110 mm 2 110 mm 1 5.00 each 113.00 1695.00 3 Vent covel 155.00 each 154.00 2310.00 175 mm 6 Nahani trap 110x75mm	-	3	18.17	Providing and fixing vitreous china					3			
including painting of brackets, cutting and making good the walls wherever required:  1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90° 1 75 mm 2 110 mm 3 Vent covel 1 75 mm 6 Nahani trap 110x75mm 2 20.00 each 34.00 680.00	- 1			wash basin with C.I. brackets, 32 mm							, , , , , , ,	4010.00
and making good the walls wherever required:  1 Coloured Size 550x450 mm  1 8.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm 2 110 mm 3 Vent covel 1 75 mm 6 Nahani trap 110x75mm 20.00 each 34.00 680.00				C.P. brass waste of standard pattern,								
required :   1   Coloured Size 550x450 mm	-			and making painting of brackets, cutting	1				- Tu .	- 1	1 - 5 5 6	- v-1 a
1 Coloured Size 550x450 mm  6 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm 2 110 mm 2 110 mm 3 Vent covel 15.00 each 113.00 1695.00 175 mm 6 Nahani trap 110x75mm 2 20.00 each 34.00 680.00											11.74%	
18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90° 175 mm 2 110 mm 3 Vent covel 175 mm 6 Nahani trap 110x75mm 20.00 each 34.00 680.00	- 1			1.040.00.	-	-						in in the second
stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90° 1 75 mm 2 110 mm 1 5.00 each 113.00 1695.00 3 Vent covel 1 75 mm 6 Nahani trap 110x75mm 2 20.00 each 34.00 680.00	$\vdash$	6	18.7	Providing and fixing on well face LIV	-	-						
moulded fittings/ accessories having   3.2mm wall thickness for Rigid PVC   pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10   mm gap for thermal expansion.	- 1			Istabilized Unplasticized DVO	1							
3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  1 Tee/ Tee with door/ Bend 45°/ Bend 90°  1 75 mm 2 110 mm 3 Vent covel 15.00 each 113.00 1695.00 154.00 2310.00 175 mm 6 Nahani trap 110x75mm 2 20.00 each 34.00 680.00				moulded fittings/ accessories having								
pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.	- 1		1	3.2mm wall thickness for Rigid DVC								-
(heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.         1       Tee/ Tee with door/ Bend 45°/ Bend 90°         1 75 mm       15.00 each 113.00 1695.00         2 110 mm       15.00 each 154.00 2310.00         3 Vent covel       15.00 each 34.00 680.00         6 Nahani trap 110x75mm       20.00 each 34.00 680.00	- 1		1	pipes conforming to IS : 13502			١					
Conforming to IS : 5382 leaving 10 mm gap for thermal expansion.     Tee/ Tee with door/ Bend 45°/ Bend 90°	- 1		Į.	(heavy) jointing with seal ring		İ						
Tee/ Tee with door/ Bend 45°/ Bend 90°	- 1			conforming to IS : 5382 leaving 10		1						
1 Tee/ Tee with door/ Bend 45°/ Bend 90° 1 75 mm 2 110 mm 1 5.00 each 113.00 1695.00 3 Vent covel 15.00 each 154.00 2310.00 1 75 mm 6 Nahani trap 110x75mm 2 20.00 each 34.00 680.00				mm gap for thermal expansion.	1							
90°     175 mm   15.00 each 113.00   1695.00     3   Vent covel   15.00 each 154.00   2310.00     175 mm   20.00 each 34.00   680.00	1								1			
175 mm 2 110 mm 15.00 each 113.00 1695.00 3 Vent covel 175 mm 20.00 each 154.00 2310.00 2310.00 2310.00 2310.00	- 1		1	Tee/ Tee with door/ Bend 45°/ Bend		<u> </u>						
2   110 mm   15.00   each   113.00   1695.00												
3 Vent covel 15.00 each 154.00 2310.00 175 mm 20.00 each 34.00 680.00	1		-	1/5 mm				<del>                                     </del>	15.00	Back	112.00	1000 00
1 75 mm 20.00 each 34.00 680.00			3					1	15.00	each		
6 Nahani trap 110x75mm 20.00 each 34.00 680.00	1		-	1/75 mm					10.00	eacil	154.00	2310.00
20.00 each 90.50 1810.00			6	Nahani trap 110v75					20.00	each	34 00	680.00
	•			I with the Front smm		1					90.50	

7		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.						
1 1	1	15 mm nominal outer dia .Pipes.			60.00		110.00	6600.00
	3	25 mm nominal outer dia .Pipes.			40.00		199.00	
1	4	32 mm nominal outer dia .Pipes.			20.00	metre	271.00	5420.00
8	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:						
1 F	1	Bib cock (250 grams)			50.00	each	185.00	9250.00
9	19 14	Providing and fixing 15 mm nominal	-					
		bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:						
1	6	Stop cock (concealed) (600 grams			18.00		494.00	8892.00
1 1		Piller Cock (400 grams)			12.00	each	398.00	4776.00
1 1		Two way bib cock (800 grams)			12.00	each	708.00	8496.00
		CP brass water jet to be fixed in seat cover of WC with flexible connection pipe			6.00	each	577.00	3462.00
10	19.15	Providing and fixing stainless steel drain jali of approved make/quality.			70.00	each	51.00	3570.00
11	19.16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):						
1 1	1	25 mm nominal bore			6.00	each	436.00	2616.00
1 1		32 mm nominal bore.			6.00	each	510.00	3060.00
		Providing and fixing 10 litre capacity P.V.C. low level flushing cistern conforming to IS: 7231, with all fittings and fixtures complete.						
$\vdash$		White			8.00	each	729.00	5832.00
		CP brass water jet to be fixed in seat cover of WC with flexible						
$\vdash$		connection pipe			 8.00	each	577.00	4616.00
				1 1				

<b>&gt;</b>	Constructing masonry Chamber 50x50x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1.4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2.4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design:	2.00	each	4356.00 TOTAL =	8712.00
				Say Da =	100010.00

Say Rs.=

Sub Engineer
Municipal Corporation
Korba (C.G.)

Asst Engineer Municipal Corporation Korba (C.G.)