



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

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

दर्री जोन

फा.क्र./620 एवं 621/निर्माण (दर्री जोन)/2024/

कोरबा, दिनांक 24.01.2024

निविदा आमंत्रण की सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 & PWD Electrical SOR 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु मैनुअल निविदा वेबसाइट से डाउनलोड कर बंद लिफाफा के माध्यम से आमंत्रित की जाती है :-

1. निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने की अंतिम तिथि - 13.02.2024 सायंकाल 3:00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 13.02.2024 सायंकाल 4:30 बजे तक

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रु में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	दर्री क्षेत्रांतर्गत फर्टिलाइजर दर्री के समीप देशी शराब दुकान का निर्माण कार्य। (निगम मद)	10,00,000/-	7,500 /-	750/-	Form-A	05 माह	सक्षम श्रेणी	13.02.2024
2	दर्री क्षेत्रांतर्गत फर्टिलाइजर दर्री के समीप विदेशी शराब दुकान का निर्माण कार्य। (निगम मद)	10,00,000/-	7,500 /-	750/-	Form-A	05 माह	सक्षम श्रेणी	13.02.2024

निविदा की शर्त:-

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 रजिस्टर्ड 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, आई.टी.आई. चौक साकेत भवन, 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 जावेगे।
3. निविदा प्रपत्र नगर पालिक निगम, कोरबा के वेबसाइट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र Form - A/B/ABC (जारी दिनांक तक समस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।
4. निविदा प्रपत्र त्रि-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगा:-
 - (अ) 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, निविदाओं में निविदाकार को फिजिकल दस्तावेज के साथ निविदा सूचना जारी होने के पश्चात् दिनांक का शपथ पत्र जिसमें संबंधित कार्य का नाम एवं कार्य की 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 होगा।
 - ब) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।
 - (स) तृतीय लिफाफा में उपरोक्त दोनो लिफाफे होंगे तथा आवश्यकता पड़ने पर मूल अभिलेख प्रस्तुत करना होगा।
5. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
6. निविदा हेतु इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी पिछले वित्तीय वर्ष का आय चुकता प्रमाणपत्र, पेन नम्बर, जी.एस.टी. (जीवित) पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि संगठन, कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क्र. 04 के अनुरूप लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
7. कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना क्रमांक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा।

(क्रमशः.....02)

8. निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लें ताकि प्रारंभ करने में किसी प्रकार की कठिनाई न हो।
9. निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा।
10. निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही निविदा दर का लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।
11. ठेकेदार को अपनी दरें शब्दों एवं अंकों में लिखना अनिवार्य होगा।
12. शासन के विभिन्न विभागों जैसे:- खजिन विभाग, श्रम विभाग, समाज कल्याण विभाग इत्यादि विभागों द्वारा समय-समय पर जारी निर्देशों/आदेशों के पालन की समस्त जिम्मेदारी संबंधित ठेकेदार की होगी।
13. ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही की जावेगी।
14. 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।
15. 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 अथवा टाईम डिपॉजिट 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 कार्य के लिये 5 प्रतिशत सुरक्षा राशि रनिंग देयकों के साथ 01 वर्ष हेतु साथ ही 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस सिक्क्यूरिटी के रूप में रोकी जावेगी।
17. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
18. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण राशि सहित मूल प्रति में वैध शपथ पत्र राशि रु. 100/- नॉन ज्यूडिशियल स्टॉम्प पेपर पर कंडिका क्र. 04 के प्रथम लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
19. ईट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
20. निविदा प्रपत्र अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं 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 **Form-A** के क्लॉज नम्बर-11 अनुसार एस्केलेशन देय नहीं होगा।
23. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार आयुक्त, नगर पालिक निगम के पास सुरक्षित रहेगा।
24. निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।

नोट:-

1. 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।
2. उपरोक्त तिथियों में किसी भी तिथि को शासकीय/स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित तिथि समय एवं स्थान माना जावे।

प्रतिलिपि :- प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, नया रायपुर (छ.ग.) को Uad.cg.gov.in में अपलोड किये जाने हेतु प्रेषित।


(ठेकेदार के हस्ताक्षर)

नाम

पूर्ण पता

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मोबाईल नं.-


कार्यपालक अभियंता
नगर पालिक निगम
कोरबा (छ.ग.)

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

Name of Work :- Construction Of country Liquor Small Revenue Shop at Near Fertilizer Darri AREA

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

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
1	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
		1.00	15.00	12.00		180.00			
					Total	180.00	Sqm	7.20	1296.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1 In all types of soils.	12.00	1.20	1.20	1.20	20.74			
	Ground Cutting	4.00	4.00	0.40	0.60	3.84			
		2.00	5.00	0.40	0.60	2.40			
		7.00	2.00	0.40	0.60	3.36			
	septic tank	1.00	3.20	2.80	3.00	26.88			
					Total	57.22	Cum	185.00	10584.96
3	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete								
		12.00	1.20	1.20	0.10	1.73			
		4.00	4.00	0.40	0.10	0.64			
		2.00	5.00	0.40	0.10	0.40			
		7.00	2.00	0.40	0.10	0.56			
		1.00	3.20	0.40	0.10	0.13			
					Total	3.46	Cum	371.00	1282.18

no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	12x4	1.00		0.30	14.40			
	COLUMN Below Plinth Beam	10x2	0.20		1.50	6.00			
		10x2	0.30		1.50	9.00			
		2x4	0.20		1.50	2.40			
	plinth beam	4.00	5.20		0.30	6.24			
		2.00	6.20		0.30	3.72			
		7.00	3.20		0.30	6.72			
		1.00	7.50		0.30	2.25			
	septic tank	4.00	2.40		2.80	26.88			
		6.00	1.80		2.80	30.24			
					Total	107.85	Sqm	139.00	14991.15
8	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	Column , pillars, piers and likes- rectangular or square in shape	10x2	0.20		4.20	36.96			
		10x2	0.30		4.20	55.44			
					Total	92.40	Sqm	297.00	27442.80
9	Beam lintels, cantilivers & wall lintel Beam	4.00	5.20		0.20	4.16			
		2.00	6.20		0.20	2.48			
		7.00	3.20		0.20	4.48			
		1.00	7.50		0.20	1.50			
	For Urinal Block	1.00	7.50		0.20	1.50			
					Total	14.12	Sqm	202.00	2852.24
10	Weather shade, chhajja, cornices, and moulding								
		1.00	10.00	0.60		6.00			
		2.00	8.60	0.60		10.32			
					Total	16.32	Sqm	294.00	4798.08
11	1.7 Suspended floors, roofs, access platform, balconies (plain surface) and shelves (cast in situ)	1.00	2.90	2.10		6.09			
	septic tank	1.00	2.60	1.90	0.12	4.94			
					Total	11.03	Sqm	235.00	2592.05

No.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
12	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work 3.1.5 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	footing	12.00	1.00	1.00	0.20	2.40			
	column upto plinth beam	10.00	0.20	0.30	1.50	0.90			
		2.00	0.20	0.20	1.50	0.12			
	plinth beam	4.00	5.20	0.20	0.30	1.25			
		2.00	6.20	0.20	0.30	0.74			
		7.00	3.20	0.20	0.30	1.34			
		1.00	7.50	0.20	0.30	0.45			
	For Urinal Block	1.00	7.50	0.20	0.20	0.30			
	lintel Beam	4.00	5.20	0.20	0.20	0.83			
		2.00	6.20	0.20	0.20	0.50			
		7.00	3.20	0.20	0.20	0.90			
		1.00	7.50	0.20	0.20	0.30			
	urinal Block	1.00	2.90	2.10	0.12	0.73			
	Chhajja	1.00	10.40	0.60	0.10	0.62			
		2.00	8.60	0.60	0.10	1.03			
	top of the Wall	1.00	65.00	0.20	0.10	1.30			
	septic tank wall	2.00	2.40	0.15	2.40	1.73			
		3.00	1.80	0.15	2.40	1.94			
					Total	17.39	Cum	4163.00	72389.57
13	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 treated bars FE 415	1.00	17.39			1738.88			
					Total	1738.88	Kg	54.50	94768.96

o.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
14	Brick work with modular fly- ash lime bricks (FaLG Bricks) confirming IS 12894-2002 of class designation 4.0 in foundation and plinth in Cement Mortar 1:5 (1 cement :5 coarse sand)								
	below plinth beam	4.00	5.00	0.20	0.50	2.00			
		2.00	6.00	0.20	0.50	1.20			
		7.00	3.00	0.20	0.50	2.10			
		1.00	7.20	0.20	0.50	0.72			
		1.00	1.80	0.20	0.50	0.18			
	upto roof level	4.00	5.00	0.20	3.90	15.60			
		2.00	6.00	0.20	3.90	9.36			
		7.00	3.00	0.20	3.90	16.38			
		1.00	7.20	0.20	3.90	5.62			
		1.00	1.80	0.20	3.90	1.40			
		1.00	4.00	0.20	3.90	3.12			
	Deduct opening (-) Door	-5.00	1.00	0.20	2.10	-2.10			
		-1.00	0.80	0.20	2.10	-0.34			
	Window	-7.00	1.00	0.20	1.20	-1.68			
	ventilation	-2.00	0.60	0.20	0.45	-0.11			
	Grill	-1.00	1.80	0.20	1.20	-0.43			
					Total	53.02	Cum	3350.00	177630.40
15	9.3 Steel work in tubular (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. com								
	Truss	4.00	9.00	0.60	20kg/sqm	432.00			
	Purlin	5.00	10.50		4kg/m	210.00			
					Total	642.00	kg	93.50	60027.00

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
16	10.11 Supply and fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost								
		1.00	5.90	10.80		63.72			
		1.00	3.50	7.80		27.30			
					Total	91.02	Sqm	636.00	57888.72
17	10.5 Providing ridges or hips of 60cm overall width in plain G.I. sheet fixed with galvanized washers J or L hooks, bolts and nuts 8mm G.I. limpet and bitumen washers complete								
	10.5.1 1.00 mm thick sheet with zinc coating not less than 275gm/sqm	1.00	12.00			12.00	meter	596.00	7152.00
18	10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section	6.00	10.80			64.80			
					Total	64.80	meter	118.00	7646.40

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
19	12.13 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 necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.								
	Door	5.00	1.00	2.10	25kg/sq	262.50			
		1.00	0.80	2.10	25kg/sq m	42.00			
	Window	7.00	1.00	1.20	25kg/sq	210.00			
	ventilation	2.00	0.60	0.45	25kg/sq m	13.50			
	Grill	1.00	1.80	1.20	25kg/sq m	54.00			
					Total	582.00	kg	75.00	43650.00
20	12.10 Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc.. complete								
	12.10.2 Size above 300x300mm	1.00	2.40	1.80		4.32			
		1.00	7.80		0.15	7.80			
					Total	12.12	Sqm	905.00	10968.60
21	12.45 15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above)								
	12.45.3 Granite stone lakha red/ shahi red	1.00	1.80	0.90		1.62			
		3.00	1.60	0.90		4.32			
		1.00	1.80	0.12		0.22			

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
					Total	6.16	Sqm	4200.00	25855.20
22	12.25 Extra for providing and fixing 4mm thick glass strip in joints of Terrazo floor/ cement concrete floor or like								
	12.25.3 60 mm wide	1.00	88.00			88.00	Metre	25.00	2200.00
23	11.3 providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix								
	3.3In Cement Mortar 1:5(1 cement :5 fine sand)								
	outer wall	2.00	8.60		5.60	96.32			
		2.00	10.60		5.60	118.72			
		1.00	7.50		3.60	27.00			
					Total	242.04	Sqm	113.00	27350.52
24	providing and making 12mm thick cement plaster of mix								
	2.3In Cement Mortar 1:5(1 cement :5 fine sand)	4.00	5.00		3.90	78.00			
	inner wall	10.00	3.00		3.90	117.00			
		1.00	6.20		3.90	24.18			
		1.00	7.50		3.60	27.00			
		1.00	2.60	1.80		4.68			
					Total	250.86	Sqm	96.50	24207.99
25	Providing and aplying 2mm thick ready mixed exterior grade approved moke putty on wall to make the surface smooth and even								
		1.00	492.90			492.90			
					Total	492.90	sqm	94.50	46579.05
26	Finishing walls with water proofing cement paint of required shade to give an even shade.								
	outer wall	1.00	242.04			242.04			
					Total	242.04	sqm	41.00	9923.64

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
27	Distemping with acrylic washable distemper to give an even shade9.1 On new work (two or more coat)								
	inner wall	1.00	250.86			250.86	sqm	38.00	9532.68
28	Painting on new work (two or more coats) to agiven an even shade with 22.1satin synthetic enamel paint								
	Door	5x2	1.00	2.10		21.00			
		1x2	0.80	2.10		3.36			
	Window	7x2	1.00	1.20		16.80			
	ventilation	2x2	0.60	0.45		1.08			
	Grill	1x2	1.80	1.20		4.32			
					Total	46.56	sqm	55.00	2560.80
29	9.27 Supplying and fixing rolling shutter of approved makes made of M.S. laths interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and out side locking with push and pull arrangement complete but excluding the cost of top cover and spring . 9.27.1 80x1.25mm M.S. Laths								
	in sale counter window	1.00	1.80	1.50		2.70	Sqm	1691.00	4565.70
30	9.28 Providing and fixing 27.5cm long wire spring for rolling shutters.	4.00				4.00	Each	362.00	1448.00
31	9.29 Providing and fixing M.S. sheet top cover for rolling shutter								
	9.29.1 1.25mm thick	1.00	1.50	1.00		1.50	Sqm	540.00	810.00
32	9.30 Providing and fixing ball bearing for rolling shutters	4.00				4.00	Each	423.00	1692.00
33	20.31 Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbatsincluding S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	1.00				1.00	Each	1709.00	1709.00

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
34	Providing and fixing ceramic glazed wall tiles conforming to IS:15622 Of approved make, colours, shades and size on wall and dados over 12mm thick cement mortar 1:3(1 cement :3 fine sand) and jointing with grey cement slurry @3.3 kg per sqm including pointing in white cement mixed with matching pigment complete								
	7.1 size upto 200X300 mm	1.00	7.60		1.50	11.40	Sqm	587.00	6691.80
35	12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.								
	12.3.3 75 mm thick	1.00	5.00	6.20		31.00			
		1.00	5.00	3.80		19.00			
		2.00	3.00	5.00		30.00			
		1.00	2.40	1.80		4.32			
					Total	84.32	Sqm	345.00	29090.40
36	Providing and fixing white vitreous china urinal basin with waste fitting as per IS:2556, and other coumpilings in C.P. brass complete								
	18.13 Flat back half stall urinal of size 460x380x250mm	2.00				2.00	Nos	1776.00	3552.00
37	Providing and fixing stainless steel AISI-304(18/8)wash basin with C.I. Brackets, 32mm C.P. Brass waste of standard pattern, including painting of brackets, cutting and making good the wall wherever required								
	20.1 size 450x380mm	1.00	1.00			1.00	Nos	3876.00	3876.00
38	Providing fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes having 3.2mm wall thikness, leaving 10mm gap for thermal expansion etc complete								
	76.2 110mm dia pipe	2.00	3.50			7.00	metre	267.00	1869.00

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
39	Providing and fixing on wall face UV stabilised Unplasticised- PVC moulded fitting / accessories having 3.2mm wall thickness for rigid PVC pipes leaving 10mm gap for thermal expansion								
	77.1 Tee/Tee with door / Bend 45/Bend 90 77.1.3 150mm	6.00				6.00	Each	273.00	1638.00
	77.5 \"P\" trap 110mm X110mm long	4.00				4.00	Each	227.00	908.00
40	19.5 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 the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.,								
	7.1 15mm dia nominal bore	10.00	3.00			15.00	metre	149.00	2235.00
	7.2 20mm dia nominal bore	10.00	3.00			15.00	metre	185.00	2775.00
41	19.6 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. EXTERNAL WORK								
	19.6.3 25 mm nominal outer dia pipes	1.00	20.00			20.00	metre	165.00	3300.00
42	Providing and fixing 15mm nominal bore brass bib/ stop cock of approved	4.00				2.00	Each	185.00	370.00
	13.3 Stop cock (350grams)	4.00				2.00	Each	237.00	474.00

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
43	19.42 Providing and placing on terrace polythene water storage tank and the base support for tank	1.00	500.00			500.00	litre	7.30	3650.00
44	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 :								
a	18.1.1 White Long pattern W.C. pan of size 580 mm	1				1.00	each	2459	2459
45	19.17 Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete								
	19.17.3 25 mm nominal bore	1.00	1.00			1.00	Each	432.00	432.00
46	Providing and laying and jointing glazed stoneware pipes grade 'A' with stiff mixtures of cement mortar in propotion 1:1 including testing of joint etc complete								
	1.2 150mm diameter	1.00	6.00			6.00	metre	262.00	1572.00
47	Providing and laying cement concrete 1:5:10, 40mm nominal size all- round S.W. pipes including bed concrete								
	2.2 150mm dia. S.W. pipes	1.00	6.00			6.00	metre	436.00	2616.00
48	20.3 Providing and Fixing Square - mouth S.W. gully trap grade A, As per standardf design								
	3.1 100x100mm size p type	1.00	1.00			1.00	Each	1339.00	1339.00
								Estimate Amount Rs.	841011.02
								INTERNAL Electrification Work	60243.00
								Drilling/ Boring of Bore Well	98447.00
								As per SOR Total Estimate Amount Rs.	999701.02
								Say as Total Estimate Amount Rs.	1000000.00


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


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

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


Abstract


Sub :- Internal Electrification in Country Liquor Small Revenue Shop near Fertilizer Darri

As per Sor :- Schedule of Rates Public Works Department [PWD Electrical 01-06-2020]

S.No.	Ref. no	Item of Work	Unit	Rate	Qty	Amount
		WIRING IN CONCEALED PVC conduit				
1	1.10	Wiring for light plug point with 3x2.5 sq mm 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) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)				
	1.10.1	Short Point	Point	442.00	16	7072
	1.10.2	Medium Point	Point	659.00	8	5272
	1.10.3	Long Point	Point	922.00	6	5532
2	1.13	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)				0
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	Metre	92.00	65	5980
	1.13.2	3 X 2.5 sq. mm in 20mm conduit	Metre	111.00	50	5550
3	4.3	Supplying and fixing of following sizes PVC switch box suitable for modular switches with modular base and cover plates on surface complete as per specification				
	4.3.2	118mmX94mm (3 Module)	Each	133.00	2	266
	4.3.3	150mmX94mm (4 Module)	Each	144.00	2	288
	4.3.4	205mmX94mm (6 Module)	Each	178.00	4	712
	5	SWITCHES & ACCESSORIES				
4	5.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification.				
	5.4.1	5/6 amps one way switch	Each	69.00	4	276
	5.4.2	5/6 amps two way switch	Each	85.00	4	340
	5.4.4	15/16 amp switch	Each	89.00	4	356
	5.4.5	3 pin 5/6 amp socket outlet	Each	96.00	4	384
	5.4.6	6 pin 15/16 amp socket outlet	Each	120.00	4	480
	5.4.8	Fan regulator (one module size) electronic stepped type moving all rounds	Each	186.00	8	1488
	6	FANS, LUMINARIES AND LAMPS				0
5	6.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above, IS: 374:2019 including all amendments.				0
	6.1.3	1200 mm sweep	Each	1697.00	6	10182

6	6.1	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				0
	6.8.2	300 mm sweep	Each	1270.00	1	1270
7	6.19	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.				0
	6.19.3	18/20 watt {4 feet}	Each	443.00	4	1772
8	6.28	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 120 lumens /watt.				0
	6.28.7	60 watt	Each	3622.00	1	3622
	9.4	Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator)				0
9	9.4.1	4 way Single door	Each	1317.00	1	1317
	9.12	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				0
10	9.12.2	6 amps to 32 amps	Each	411.00	1	411
	9.12.3	40 amps	Each	645.00	1	645
	9.12.4	50 amps	Each	654.00	1	654
	12	E A R T H I N G				0
	12.2	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and IS Code 3043: 1987(R 2016)	Set	3734.00	1	3734
11	15	MV CABLE LAYING (1.1 KV)				0
12	15.1	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				0
	15.1.5	2 x 25 sq. mm	Metre	264.00	10	2640
As per SOR Total Estimate Amount Rs.						60243.00


Sub Engineer
Municipal Corporation
Korba (C.G.)


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


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


Name of Work :- Boring/ Derilling at Country Liquor Small Revenue shop Fertilizer Darri

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

Sno	Ref. No.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
1	21.17	21.17 Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot	1				1	point	1502.00	1502.00
2	21.1	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	21.1.1 All types of soil								
	21.1.2.3	21.1.2.3 150 mm dia.	1	30.00			30.00	metre	339.00	10170.00
	21.2.2	21.1.2 Rocky strata including Boulders								
	21.2.2.3	21.1.2.3 150 mm dia.	1	30.00			30.00	metre	396.00	11880.00
2		Supplying assembling lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) Pipe of required dia confirming to IS: 12818, including required hire and labour charges fittings & accessories etc. all complete, for all depth , as per direction Engineer incharge								
		150mm nominal dia					34.00	metr	1304.00	44336
3	21.11	21.11 Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/								
		21.11.3 150 mm dia	2				2.00	Each	217.00	434.00
4	21.9	21.9 Gravel packing in tube well construction in accordance with IS: 4097, including providing gravel fine/ medium/								
			1	2.00			2.00	cum	1048.00	2096.00

21.1	21.10 Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of								
	hour	2				3.00	hour	654.00	1962.00
21.12	21.12 Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tube well as per IS: 2800								
	21.12.3 150 mm clamp.	2				2.00	each	1055.00	2110.00
	WATER SUPPLY PUMPS (Electrical SOR.1.06.2020)								
23.3	Supplying, installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection with suitable submersible cable of standard length etc. as per specification and IS: 694 (2010). Note: submersible Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant.								
23.3.3	2.0 HP, single phase					1	Each	19805.00	19805.00
23.10	Supply, installation, testing and commissioning of 5-7.5 HP 3 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as per specification. a) Phase indicating lamps with fuses and toggle switches 1 set b) 5/7.5 HP 3 phase DOL starter with over load and no volt relay 1 No c) 32 A "C" curve TPMCB 1 No d) Voltmeter 0-500 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector switch 1 set.					1	Each	4152.00	4152.00
As per SOR Total Estimate Amount Rs.									98447.00


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


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