

# कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 471/2025

सिस्टम टेंडर नं.179388

कोरबा दिनांक 13.11.2025

## तृतीय ई-निविदा आमंत्रण सूचना

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

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 03.12.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 03.12.2025 सायंकाल 4.00 बजे से

| क्र. | कार्य का नाम                                                                                          | प्राक्कलन राशि (लाख में) | धरोहर राशि (FDR/TDR) | कार्यावधि | निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट) | ठेकेदार का वर्ग          | निविदा खुलने की तिथि |
|------|-------------------------------------------------------------------------------------------------------|--------------------------|----------------------|-----------|-----------------------------------------|--------------------------|----------------------|
| 1    | वाड क्र 04 राताखार सतनाम भवन परिसर के पास अतिरिक्त कक्ष व किचन शेड निर्माण कार्य। (प्रमारी मंत्री मद) | 15.00                    | 12000/-              | 04माह     | 750/-                                   | वर्ग डी एवं प्रवर श्रेणी | 03.12.2025 से .....  |

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. 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।
3. 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, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पेन नम्बर, वैध जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
  - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
  - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात् का, निविदा कर्मांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
  - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
5. जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन (वर्तमान तक वैधता) एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे एवं कर्मचारी भविष्य निधि संगठन (ई.पी.एफ.) एवं विभिन्न प्रावधानों को धारा 1952 के तहत निविदाकार का जीवित पंजीयन होना आवश्यक है साथ ही निविदा आमंत्रण दिनांक से विगत तीन माह की अवधि में जमा किये गये TRRN Payment Detail चालान की प्रति प्रस्तुत करना तथा ऑनलाईन अपलोड किया जाना अनिवार्य होगा।
6. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
7. ईट से संबंधित निर्माण कार्यों में पलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का विल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का विल संलग्न करना अनिवार्य होगा।
9. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
10. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
11. निविदा प्रपत्र फार्म -ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।
12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
15. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा।
16. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना संभव नहीं होगा।
17. कार्य क्रियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
18. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।

प्रतिलिपि:-

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

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

**Date-Time Detail(s)**

| Seq. No. | Nagar Nigam Stage | Contractor Stage             | Start      |       | Expiry     |       | Remarks        |
|----------|-------------------|------------------------------|------------|-------|------------|-------|----------------|
|          |                   |                              | Date       | Time  | Date       | Time  |                |
| 1        | Release Tender    |                              | 13.11.2025 | 15.30 | 13.11.2025 | 15.30 | Release Tender |
| 2        |                   | Bid Submission               | 13.11.2025 | 15.30 | 01.12.2025 | 17.30 |                |
| 3        |                   | Physical Document Submission | 13.11.2025 | 15.30 | 03.12.2025 | 15.00 |                |
| 4        | Tender Open       |                              | 03.12.2025 | 16.00 | --         | --    |                |

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

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

## DETAILED ESTIMATE

ne of work:- Construction of Additional rooma and kitchen shed at satnam bhawan  
rd no 4 ratakhhar ( FIRST FLOOR)

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

| S. N. | SOR Ref. | ITEM DESCRIPTION                                                                                                                                                                                               | NO | L     | B    | D/H   | QTY   | UNIT | RATE    | AMOUNT   |
|-------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|-------|-------|------|---------|----------|
|       | 5        | Columns, Pillars, Piers and likes-<br>rectangular or square in shape                                                                                                                                           |    |       |      |       |       |      |         |          |
|       |          |                                                                                                                                                                                                                | 3  | 1.40  |      | 2.90  | 12.18 |      |         |          |
|       |          |                                                                                                                                                                                                                | 5  | 1.00  |      | 2.90  | 14.5  |      |         |          |
|       |          |                                                                                                                                                                                                                | 5  | 1.40  |      | 0.90  | 6.3   |      |         |          |
|       |          |                                                                                                                                                                                                                | 5  | 1.00  |      | 0.90  | 4.5   |      |         |          |
|       |          |                                                                                                                                                                                                                | 3  | 1.20  |      | 0.90  | 3.24  |      |         |          |
|       |          |                                                                                                                                                                                                                |    |       |      | Total | 40.72 | sqm  | 297.00  | 12093.84 |
|       | 7        | Suspended floors, roofs, access<br>platform, balconies (plain surfaces)<br>and shelves (cast in situ)                                                                                                          |    |       |      |       |       |      |         |          |
|       |          | slab                                                                                                                                                                                                           | 1  | 8.40  | 7.80 |       | 65.52 |      |         |          |
|       |          |                                                                                                                                                                                                                | 1  | 4.40  | 4.40 |       | 19.36 |      |         |          |
|       |          | chajja                                                                                                                                                                                                         | 7  | 2.40  | 0.60 |       | 10.08 |      |         |          |
|       |          |                                                                                                                                                                                                                |    |       |      | Total | 94.96 | sqm  | 235.00  | 22315.60 |
|       | 8        | Beams, lintels, cantilevers & walls                                                                                                                                                                            |    |       |      |       |       |      |         |          |
|       |          |                                                                                                                                                                                                                | 6  | 8.40  |      | 0.20  | 10.08 |      |         |          |
|       |          |                                                                                                                                                                                                                | 2  | 4.40  |      | 0.20  | 1.76  |      |         |          |
|       |          |                                                                                                                                                                                                                | 4  | 12.60 |      | 0.20  | 10.08 |      |         |          |
|       |          |                                                                                                                                                                                                                | 2  | 8.60  |      | 0.20  | 3.44  |      |         |          |
|       |          |                                                                                                                                                                                                                | 6  | 8.40  |      | 0.40  | 20.16 |      |         |          |
|       |          |                                                                                                                                                                                                                | 2  | 4.40  |      | 0.30  | 2.64  |      |         |          |
|       |          |                                                                                                                                                                                                                | 4  | 12.60 |      | 0.40  | 20.16 |      |         |          |
|       |          |                                                                                                                                                                                                                | 2  | 8.60  |      | 0.30  | 5.16  |      |         |          |
|       |          |                                                                                                                                                                                                                |    |       |      | Total | 73.48 | sqm  | 202.00  | 14842.96 |
| 3     | 1.18     | Providing and filling in plinth with<br>sand/ Crusher dust and hard<br>moorum under floor in layers not<br>exceeding 20cm in depth<br>consolidating each deposited layer by<br>ramming and watering, including |    |       |      |       |       |      |         |          |
|       |          | pipe line drainage                                                                                                                                                                                             | 1  | 15.00 | 0.60 | 0.15  | 1.35  |      |         |          |
|       |          |                                                                                                                                                                                                                |    |       |      | Total | 1.35  | Cum  | 371.00  | 500.85   |
| 4     | 3.1      | Providing and laying nominal mix<br>plain cement concrete with crushed<br>stone aggregate using concrete<br>mixer in all works upto plinth level<br>excluding cost of form work.                               |    |       |      |       |       |      |         |          |
|       | 3        | 1:3:6 (1 cement : 3 coarse sand : 6<br>graded stone aggregate 40mm<br>nominal size).                                                                                                                           |    |       |      |       |       |      |         |          |
|       |          | pipe line drainage                                                                                                                                                                                             | 1  | 15.00 | 0.60 | 0.10  | 0.90  |      |         |          |
|       |          |                                                                                                                                                                                                                |    |       |      | Total | 0.90  | Cum  | 2970.00 | 2673.00  |

|    |                                                                                                                                                                                                               |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|------|-------|---------|-----|---------|-----------|--|--|--|--|
|    |                                                                                                                                                                                                               | reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form |       |      |       |         |     |         |           |  |  |  |  |
| 1  | 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).                                                                                                                              |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|    | column up to lintel                                                                                                                                                                                           | 3                                                                                                                                  | 0.30  | 0.40 | 2.40  | 0.86    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 5                                                                                                                                  | 0.20  | 0.30 | 2.40  | 0.72    |     |         |           |  |  |  |  |
|    | lintel beam                                                                                                                                                                                                   | 3                                                                                                                                  | 8.40  | 0.20 | 0.20  | 1.01    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 4.40  | 0.20 | 0.20  | 0.18    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 2                                                                                                                                  | 12.60 | 0.20 | 0.20  | 1.01    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 8.60  | 0.20 | 0.20  | 0.34    |     |         |           |  |  |  |  |
|    | chajja                                                                                                                                                                                                        | 6                                                                                                                                  | 2.00  | 0.80 | 0.10  | 0.96    |     |         |           |  |  |  |  |
|    | column up to ground floor slab                                                                                                                                                                                | 3                                                                                                                                  | 0.30  | 0.40 | 0.80  | 0.29    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 5                                                                                                                                  | 0.20  | 0.30 | 0.80  | 0.24    |     |         |           |  |  |  |  |
|    | slab beam                                                                                                                                                                                                     |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 2                                                                                                                                  | 8.40  | 0.30 | 0.40  | 2.02    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 8.40  | 0.30 | 0.30  | 0.76    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 4.40  | 0.20 | 0.30  | 0.26    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 2                                                                                                                                  | 12.60 | 0.30 | 0.40  | 3.02    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 8.60  | 0.20 | 0.30  | 0.52    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 2                                                                                                                                  | 8.20  | 0.20 | 0.35  | 1.15    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 8                                                                                                                                  | 4.40  | 0.20 | 0.35  | 2.46    |     |         |           |  |  |  |  |
|    | slab                                                                                                                                                                                                          | 1                                                                                                                                  | 8.40  | 7.80 | 0.15  | 9.83    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 4.40  | 4.40 | 0.15  | 2.90    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 6                                                                                                                                  | 0.30  | 0.40 | 0.90  | 0.65    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 5                                                                                                                                  | 0.20  | 0.30 | 0.90  | 0.27    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 3                                                                                                                                  | 0.30  | 0.30 | 0.90  | 0.24    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               |                                                                                                                                    |       |      | Total | 29.69   | Cum | 4163.00 | 123595.31 |  |  |  |  |
| 8  | 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 |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|    | 1 Thermo-Mechanically treated bars                                                                                                                                                                            |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 110                                                                                                                                | 29.69 |      |       | 3265.79 |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               |                                                                                                                                    |       |      | Total | 3265.79 | kg  | 54.50   | 177985.56 |  |  |  |  |
| 9  | 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:                                                               |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|    | 3 Cement Mortar 1:5 (1 cement : 5 coarse sand)                                                                                                                                                                |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|    | super structure 7.5.3+7.6                                                                                                                                                                                     |                                                                                                                                    |       |      |       |         |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 3                                                                                                                                  | 8.40  | 0.20 | 2.90  | 14.62   |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 4.40  | 0.20 | 2.90  | 2.55    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 2                                                                                                                                  | 12.60 | 0.20 | 2.90  | 14.62   |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 8.60  | 0.20 | 2.90  | 4.99    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 2                                                                                                                                  | 12.40 | 0.20 | 0.90  | 4.46    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 1                                                                                                                                  | 7.60  | 0.20 | 0.90  | 1.37    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               | 2                                                                                                                                  | 5.00  | 0.20 | 2.80  | 5.60    |     |         |           |  |  |  |  |
|    |                                                                                                                                                                                                               |                                                                                                                                    |       |      | Total | 48.20   | Cum | 3471.00 | 167316.08 |  |  |  |  |
| 10 | 7.6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:                                                                  |                                                                                                                                    |       |      |       | 0.00    | Cum | 121     |           |  |  |  |  |

|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       |       |        |     |          |
|----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|-------|-------|--------|-----|----------|
|    |       | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.                                                                                                                                                                                                                       |   |      |       |       |        |     |          |
|    | 5     | 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).                                                                                                                                                                                                                                                                                                           |   |      |       |       |        |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 7.30 | 12.00 | 0.10  | 8.76   |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       | Total | 8.76   | Cum | 4073.00  |
| 12 | 12.13 | Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete |   |      |       |       |        |     |          |
|    | 1     | Size 600x600mm                                                                                                                                                                                                                                                                                                                                                                             |   |      |       |       |        |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 7.60 | 4.00  |       | 30.40  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 8.40 | 8.00  |       | 67.20  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 4.40 | 4.00  |       | 17.60  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       |       |        |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       | Total | 115.20 | sqm | 1151.00  |
| 13 | 12.7  | Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment                                                              |   |      |       |       |        |     |          |
|    | 2     | Size above 200x300mm                                                                                                                                                                                                                                                                                                                                                                       |   |      |       |       |        |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 8.00 |       | 1.50  | 12.00  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 3 | 4.50 |       | 1.50  | 20.25  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 5 | 2.00 |       | 1.80  | 18.00  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            | 3 | 4.50 |       | 1.50  | 20.25  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       |       |        |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       | Total | 70.50  | sqm | 646.00   |
| 14 | 12.9  | Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, 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                                                                                                                                |   |      |       |       |        |     |          |
|    | 1     | Size above 300x300mm                                                                                                                                                                                                                                                                                                                                                                       | 1 | 8.00 | 2.00  |       | 16.00  |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       |       |        |     |          |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       | Total | 16.00  | sqm | 728.00   |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                            |   |      |       |       |        |     | 11648.00 |

|    |      |                                                                                                                                                                                                                                                                                            |    |       |      |         |        |     |         |           |  |  |  |
|----|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|---------|--------|-----|---------|-----------|--|--|--|
|    |      | 10 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)      |    |       |      |         |        |     |         |           |  |  |  |
| 1  |      | stair                                                                                                                                                                                                                                                                                      | 22 | 1.20  | 0.30 |         | 7.92   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 22 | 1.20  | 0.15 |         | 3.96   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 4  | 1.20  | 1.20 |         | 5.76   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 2  | 1.80  | 1.65 |         | 5.94   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 2  | 2.00  | 1.65 |         | 6.60   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 2  | 7.20  | 0.30 |         | 4.32   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 1  | 10.20 | 0.75 |         | 7.65   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            |    |       |      | Total = | 42.15  | sqm | 4200.00 | 177030.00 |  |  |  |
| 16 | 9.15 | Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer. |    |       |      |         |        |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 6  | 60.00 |      |         | 360.00 |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 6  | 40.00 |      |         | 240.00 |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            |    |       |      | Total = | 600.00 | Kg  | 67.50   | 40500.00  |  |  |  |
| 18 | 11.1 | Providing and making 6mm thick cement plaster of mix                                                                                                                                                                                                                                       |    |       |      |         |        |     |         |           |  |  |  |
|    | 2    | In Cement mortar 1:3 (1 cement : 3 fine sand)                                                                                                                                                                                                                                              |    |       |      |         |        |     |         |           |  |  |  |
|    |      | slab                                                                                                                                                                                                                                                                                       | 1  | 94.96 | 1.00 |         | 95.0   |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            |    |       |      | Total   | 94.96  | sqm | 93.00   | 8831.28   |  |  |  |
| 19 | 11.2 | Providing and making 12mm thick cement plaster of mix                                                                                                                                                                                                                                      |    |       |      |         |        |     |         |           |  |  |  |
|    | 4    | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                                                              |    |       |      |         |        |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 1  | 8.4   |      | 4       | 33.60  |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 1  | 12.6  |      | 4       | 50.40  |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 2  | 4.5   |      | 4       | 36.00  |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 1  | 4.2   |      | 4       | 16.80  |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            |    |       |      | Total   | 136.80 | sqm | 96.50   | 13201.20  |  |  |  |
| 20 | 11.3 | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix;                                                                                                                                                                                      |    |       |      |         |        |     |         |           |  |  |  |
|    | 4    | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                                                              |    |       |      |         |        |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 4  | 8.40  |      | 3.30    | 110.88 |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 2  | 12.60 |      | 3.30    | 83.16  |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 2  | 8.60  |      | 3.30    | 56.76  |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            | 1  | 7.80  |      | 3.30    | 25.74  |     |         |           |  |  |  |
|    |      |                                                                                                                                                                                                                                                                                            |    |       |      | Total   | 276.54 | sqm | 113.00  | 31249.02  |  |  |  |

[illegible]

|    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |      |         |        |     |         |          |  |  |  |
|----|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|---------|--------|-----|---------|----------|--|--|--|
|    |        | shutters, core of block board construction with frame of first class hard wood and well matched first class Indian teak ply veneering on one face and commercial ply veneering on the other face of the shutter with vertical grains, cross bands and face veneering excluding hinges                                                                                                                                                                                              |   |      |         |        |     |         |          |  |  |  |
|    |        | 14.1 40 mm. thick (single leaf)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6 | 1.00 | 2.1     | 12.60  | sqm | 2034.00 | 25628.40 |  |  |  |
| 16 | 9.2    | Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.                                                                                                                                                                                                                             |   |      |         | 800.00 | kg  | 66.00   | 52800.00 |  |  |  |
| 36 | 8.167  | Providing and fixing factory made uPVC white colour sliding glazed door comprising of uPVC multi-chambered frame with in-built roller track and sash ' .. extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension uPVC extruded glazing beads, uPVC extruded interlock and uPVC extruded Inline sash adapter (if required) EPDM |   |      |         |        |     |         |          |  |  |  |
|    | 9.47.1 | Three track three panels sliding door with fly proof S.S wire mesh (Two nos. glazed F. 3 < tone no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 82                                                                                                                                                                                                                                                                                                        | 6 | 1.50 | 1.20    | 10.80  | sqm | 6232.85 | 67314.78 |  |  |  |
| 38 | 9.51   | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):                                                                                                                                                                                                                                                                             |   |      |         |        |     |         |          |  |  |  |
|    |        | With float glass panes of 6 mm thickness                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 | 1.50 | 1.20    | 10.80  |     |         |          |  |  |  |
|    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |      | Total = | 10.80  | sqm | 804.00  | 8683.20  |  |  |  |

Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc

|              |  |  |  |  |       |    |        |            |
|--------------|--|--|--|--|-------|----|--------|------------|
| SS Grade 204 |  |  |  |  | 55.00 | kg | 467.00 | 25685.00   |
| TOTAL=       |  |  |  |  |       |    |        | 1292743.28 |
|              |  |  |  |  |       |    |        | 207223.75  |
| TOTAL=       |  |  |  |  |       |    |        | 1499967.03 |
| SAY RS.=     |  |  |  |  |       |    |        | 1500000.00 |

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

  
Sub Engineer  
Municipal Corporation  
Korba (C.G.)

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

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

| OR Ref. | ITEM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO | L     | B | D/H | QTY    | UNIT  | RATE    | AMOUNT   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|---|-----|--------|-------|---------|----------|
| 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)                                                                                                                                                                                                                                                                                                                                                                                       |    |       |   |     |        |       |         |          |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |       |   |     | 35     | Point | 240.00  | 8400.00  |
| 1       | Short Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 35 |       |   |     | 30     | Point | 376.00  | 11280.00 |
| 2       | Medium Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30 |       |   |     |        |       |         |          |
| 2       | 1.3 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)                                                                                                                                                                                                                                                                                                                                                                                                                          | 2  |       |   |     | 2.00   | Point | 87.00   | 174.00   |
| 3       | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |       |   |     |        |       |         |          |
| 4.13.2  | 3 X 2.5 sq. mm in 20mm conduit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3  | 70.00 |   |     | 210.00 | Metre | 111.00  | 23310.00 |
|         | 3 X 4 sq. mm in 25mm conduit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3  | 60.00 |   |     | 180.00 | Metre | 145.00  | 26100.00 |
| 4       | 6.1 Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, including connection, earthing etc. complete as per specification. |    |       |   |     |        |       |         |          |
| 3       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12 |       |   |     | 12     | Each  | 2662.00 | 31944.00 |

|          |                                                                                                                                                                                                                                                                                                                                                                |    |      |      |      |       |      |         |          |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|------|-------|------|---------|----------|
|          | Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as per specification. P.F. should be greater than 0.9                                                                                                                  |    |      |      |      |       |      |         |          |
|          | 450 mm sweep                                                                                                                                                                                                                                                                                                                                                   | 2  |      |      |      |       |      |         |          |
| 6.15     | 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 $\geq 100$ lumens /watt.         |    |      |      |      | 10    | EACH | 3976.00 | 39760.00 |
| 8.22.5   | 12 Watt                                                                                                                                                                                                                                                                                                                                                        | 15 |      |      |      | 15.00 | Each | 588.00  | 8820.00  |
| 8.22.6   | 15 Watt                                                                                                                                                                                                                                                                                                                                                        | 15 |      |      |      | 15.00 | Each | 679.00  | 10185.00 |
|          | 6 Watt                                                                                                                                                                                                                                                                                                                                                         | 6  |      |      |      | 6.00  | Each | 490.00  | 2940.00  |
| 5.1      | Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification.                                                                                                                                                                                                 |    |      |      |      |       |      |         |          |
| 5.1.12   | Fan regulator Electronic, step type moving all round                                                                                                                                                                                                                                                                                                           | 12 |      |      |      | 12.00 | Each | 130.00  | 1560.00  |
| 5.1.13   | Ceiling rose 3 pin 5 amps                                                                                                                                                                                                                                                                                                                                      | 12 |      |      |      | 12.00 | Each | 32.00   | 384.00   |
| 5.1.15   | Batten/ angle holder                                                                                                                                                                                                                                                                                                                                           | 12 |      |      |      | 12.00 | Each | 38.00   | 456.00   |
| 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.                                                                                                                               |    |      |      |      |       |      |         |          |
| 11.17.23 | 3 pole MCCB, 25-63A, Fixed Thermal Release, 10KA                                                                                                                                                                                                                                                                                                               | 6  |      |      |      | 6.00  | Each | 1483.00 | 8898.00  |
| 19.17    | Supplying and fixing PVC water tight terminal box of approved make and brand with detachable gland plate in bottom, hinged front openable cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 25x3mm GI flat with 2 No GI nuts bolts complete as per specification. |    |      |      |      |       |      |         |          |
|          | 300x200x125 mm for 3 phase                                                                                                                                                                                                                                                                                                                                     | 1  |      |      |      | 1.00  | each | 989.00  | 989.00   |
| 6.33     | Supplying, fixing, testing and commissioning of approved make following 230/250 volts electronic ballast in existing luminaries at all locations as per specification. P.F. should be greater than 0.9                                                                                                                                                         |    |      |      |      |       |      |         |          |
| 3        | For 28 watt T5 flu. Fitting                                                                                                                                                                                                                                                                                                                                    |    |      |      |      | 50.00 | each | 367.00  | 18350.00 |
|          | Earth work in all type soil except soft rock / hard rock with all lead and 1.5 metre lift, dressing, stacking excavated strata including refilling of excavated soil in trench / pit to ground level complete as per specification.                                                                                                                            | 1  | 1.50 | 1.50 | 1.50 | 3.38  | cum  |         | 546.75   |
|          |                                                                                                                                                                                                                                                                                                                                                                |    |      |      |      |       |      | 162.00  |          |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |  |  |       |       |         |           |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|--|--|-------|-------|---------|-----------|
| 15.2       | Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as per specification and IS Code 3043: 1987(R 2016)                                                                                                                                                                                               | 1 |       |  |  | 1.00  | each  | 3243.00 | 3243.00   |
|            | 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)                                                                                                                                                                                               |   |       |  |  | 1.00  | each  | 3734.00 | 3734.00   |
|            | Supplying and laying following sizes additional one number, FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground as in the same trench in one tier horizontal formation 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). |   |       |  |  |       |       |         |           |
|            | 2 x 4 sq. Mm                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 | 30.00 |  |  | 30.00 | Metre | 175.00  | 5250.00   |
|            | Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including soldering, excavation and refilling the trench etc. as per specification.                                                                                                                                                                                                                                                                   | 1 | 25.00 |  |  | 25.00 | Metre | 36.00   | 900.00    |
| (b)TOTAL = |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |  |  |       |       |         | 207223.75 |

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

  
 Sub Engineer  
 Municipal Corporation  
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