

# कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 2158/2025

सिस्टम टेंडर नं.178391

कोरबा दिनांक 02.11.2025

## द्वितीय ई-निविदा आमंत्रण सूचना

नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 एवं विद्युत हेतु दिनांक 01.06.2025 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 — 21.11.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि — 21.11.2025 सायंकाल 4.00 बजे से

| क. | 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  | वार्ड क्र. 40 पाडीमार क 01 वालको में भवन का निर्माण एवं अन्य विकास कार्य (प्रभारी मंत्री मद) | 20.00                    | 15000/-              | 04 माह    | 750/-                                   | वर्ग डी एवं प्रवर श्रेणी | 21.11.2025 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 (पार्टनरशिप 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 पश्चात का, निविदा क्रमांक 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 बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल 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।

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

### Date-Time Detail(s)

| Seq.<br>No. | Nagar Nigam Stage | Contractor Stage                | Start      |       | Expiry     |       | Remarks        |
|-------------|-------------------|---------------------------------|------------|-------|------------|-------|----------------|
|             |                   |                                 | Date       | Time  | Date       | Time  |                |
| 1           | Release Tender    |                                 | 02.11.2025 | 15.30 | 02.11.2025 | 15.30 | Release Tender |
| 2           |                   | Bid Submission                  | 02.11.2025 | 15.30 | 19.11.2025 | 17.30 |                |
| 3           |                   | Physical Document<br>Submission | 02.11.2025 | 15.30 | 21.11.2025 | 15.00 |                |
| 4           | Tender Open       |                                 | 21.11.2025 | 16.00 | --         | --    |                |

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



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

## DETAILED ESTIMATE

Particulars of Work :- Construction of Building and other Development work at Ward No 40  
Pardimar No -1 Balco

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

Schedule of Rates Public Works Department [ PWD Electrical 01-06-2020]

| s.n<br>o | ITEM DESCRIPTION                                                                                                                                                                                                                                             | N  | L     | B    | H/D  | Qty   | Unit | Rate    | Amount   |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|------|-------|------|---------|----------|
| 1        | Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. |    |       |      |      |       |      |         |          |
|          | In all types of soil                                                                                                                                                                                                                                         |    |       |      |      |       |      |         |          |
|          | column                                                                                                                                                                                                                                                       | 14 | 1.50  | 1.50 | 1.50 | 47.25 |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 1.50  | 1.50 | 1.50 | 6.75  |      |         |          |
|          | pb                                                                                                                                                                                                                                                           | 10 | 2.00  | 0.60 | 0.60 | 7.20  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 6  | 1.30  | 0.60 | 0.60 | 2.81  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 15.00 | 0.90 | 0.10 | 2.70  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 11.80 | 0.90 | 0.10 | 2.12  |      |         |          |
|          |                                                                                                                                                                                                                                                              |    |       |      |      | 68.83 | Cum  | 185.00  | 12733.92 |
| 2        | 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.                                      |    |       |      |      |       |      |         |          |
|          |                                                                                                                                                                                                                                                              | 14 | 1.50  | 1.50 | 0.10 | 3.15  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 6  | 1.50  | 1.50 | 0.10 | 1.35  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 10 | 2.00  | 0.60 | 0.10 | 1.20  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 1  | 14.60 | 9.60 | 0.15 | 21.02 |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 15.00 | 0.90 | 0.10 | 2.70  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 11.80 | 0.90 | 0.10 | 2.12  |      |         |          |
|          |                                                                                                                                                                                                                                                              |    |       |      |      | 32.25 | Cum  | 371.00  | 11964.75 |
| 3        | Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.                                                  |    |       |      |      |       |      |         |          |
|          |                                                                                                                                                                                                                                                              | 1  | 14.60 | 9.60 | 0.35 | 49.06 |      |         |          |
|          |                                                                                                                                                                                                                                                              |    |       |      |      | 49.06 | Cum  | 242.00  | 11871.55 |
| 4        | Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.                                                                                    |    |       |      |      |       |      |         |          |
|          | 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).                                                                                                                                                                               |    |       |      |      |       |      |         |          |
|          |                                                                                                                                                                                                                                                              | 14 | 1.50  | 1.50 | 0.10 | 3.15  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 1.50  | 1.50 | 0.10 | 0.45  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 10 | 2.00  | 0.60 | 0.10 | 1.20  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 6  | 1.30  | 0.60 | 0.10 | 0.47  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 1  | 14.60 | 9.60 | 0.10 | 14.02 |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 15.00 | 0.90 | 0.10 | 2.70  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 11.80 | 0.90 | 0.10 | 2.12  |      |         |          |
|          |                                                                                                                                                                                                                                                              |    |       |      |      | 24.11 | cum  | 2659.00 | 64103.17 |
|          | 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).                                                                                                                                                                           |    |       |      |      |       |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 15.00 | 0.90 | 0.10 | 2.70  |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 11.80 | 0.90 | 0.10 | 2.12  |      |         |          |
|          |                                                                                                                                                                                                                                                              |    |       |      |      | 4.82  | cum  | 4073.00 | 19648.15 |
| 5        | Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its                                                                                                                          |    |       |      |      |       |      |         |          |
|          | Foundations, footings, base of columns and plinth beam in any shape and size.                                                                                                                                                                                |    |       |      |      |       |      |         |          |
|          | column                                                                                                                                                                                                                                                       | 14 | 4.00  | 1.20 | 0.20 | 67.20 |      |         |          |
|          |                                                                                                                                                                                                                                                              | 14 | 4.00  | 0.90 | 0.30 | 50.40 |      |         |          |
|          |                                                                                                                                                                                                                                                              | 14 | 1.00  | 1.20 | 0.80 | 16.80 |      |         |          |
|          |                                                                                                                                                                                                                                                              | 14 | 1.00  | 1.20 | 0.30 | 16.80 |      |         |          |
|          |                                                                                                                                                                                                                                                              | 2  | 4.00  | 1.20 | 0.20 | 9.60  |      |         |          |

|   |                                                                                                                                                                                                    |    |       |       |       |         |     |         |           |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|-------|-------|---------|-----|---------|-----------|
|   |                                                                                                                                                                                                    | 2  | 4.00  | 0.90  | 0.30  | 7.20    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 1.00  | 1.00  | 0.80  | 2.00    |     |         |           |
|   | pb                                                                                                                                                                                                 | 2  | 1.00  | 1.00  | 0.30  | 2.00    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 2.00  | 15.00 | 0.30  | 60.00   |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 2.00  | 9.60  | 0.30  | 38.40   |     |         |           |
|   | Columns, Pillars, Piers and likes- rectangular or square in shape                                                                                                                                  |    |       |       |       | 270.40  | sqm | 139.00  | 37585.60  |
|   |                                                                                                                                                                                                    | 14 | 1.20  |       | 3.50  | 58.80   |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 1.00  |       | 3.50  | 7.00    |     |         |           |
|   | Beams, lintels, cantilevers & walls                                                                                                                                                                |    |       |       |       | 65.80   | sqm | 297.00  | 19542.60  |
|   | Lintel                                                                                                                                                                                             | 2  | 2.00  | 15.00 | 0.20  | 12.00   |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 2.00  | 9.60  | 0.20  | 7.68    |     |         |           |
|   | slab beam                                                                                                                                                                                          | 3  | 2.00  | 9.60  | 0.50  | 28.80   |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 2.00  | 15.00 | 0.20  | 12.00   |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 2.00  | 9.60  | 0.20  | 7.68    |     |         |           |
|   | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)                                                                                                    |    |       |       |       | 68.16   | sqm | 202.00  | 13768.32  |
|   |                                                                                                                                                                                                    | 1  | 15.40 |       | 10.40 | 160.16  |     |         |           |
|   | Weather shade, chhajja, Cornices and mouldings                                                                                                                                                     |    |       |       |       | 160.16  | sqm | 235.00  | 37637.60  |
|   |                                                                                                                                                                                                    | 10 | 1.20  |       | 0.70  | 8.40    |     |         |           |
|   |                                                                                                                                                                                                    |    |       |       |       | 8.40    | Sqm | 294.00  | 2469.60   |
| 6 | Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. |    |       |       |       |         |     |         |           |
|   | 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).                                                                                                                   |    |       |       |       |         |     |         |           |
|   | Footing                                                                                                                                                                                            | 14 | 1.20  | 1.20  | 0.20  | 4.03    |     |         |           |
|   |                                                                                                                                                                                                    | 14 | 0.90  | 0.90  | 0.30  | 3.40    |     |         |           |
|   | upto GL                                                                                                                                                                                            | 14 | 0.20  | 0.40  | 0.80  | 0.90    |     |         |           |
|   | upto pb                                                                                                                                                                                            | 14 | 0.20  | 0.40  | 0.30  | 0.34    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 1.20  | 1.20  | 0.20  | 0.58    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 0.90  | 0.90  | 0.30  | 0.49    |     |         |           |
|   | upto GL                                                                                                                                                                                            | 2  | 0.20  | 0.30  | 0.80  | 0.10    |     |         |           |
|   | upto pb                                                                                                                                                                                            | 2  | 0.20  | 0.30  | 0.30  | 0.04    |     |         |           |
|   | Plinth Beam                                                                                                                                                                                        | 2  | 9.60  | 0.20  | 0.30  | 1.15    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 15.00 | 0.20  | 0.30  | 1.80    |     |         |           |
|   | Column up to slab                                                                                                                                                                                  | 14 | 0.20  | 0.40  | 3.80  | 4.26    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 0.20  | 0.30  | 3.80  | 0.46    |     |         |           |
|   | Lintel                                                                                                                                                                                             | 2  | 9.60  | 0.20  | 0.20  | 0.77    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 15.00 | 0.20  | 0.20  | 1.20    |     |         |           |
|   | Beam                                                                                                                                                                                               | 2  | 9.60  | 0.20  | 0.20  | 0.77    |     |         |           |
|   |                                                                                                                                                                                                    | 2  | 15.00 | 0.20  | 0.20  | 1.20    |     |         |           |
|   |                                                                                                                                                                                                    | 3  | 10.00 | 0.20  | 0.70  | 4.20    |     |         |           |
|   | Slab                                                                                                                                                                                               | 1  | 15.40 | 10.40 | 0.13  | 20.82   |     |         |           |
|   | Weather shade                                                                                                                                                                                      | 10 | 1.20  | 0.70  | 0.10  | 0.84    |     |         |           |
|   | PORCH                                                                                                                                                                                              | 1  | 3.50  | 0.35  | 0.13  | 0.15    |     |         |           |
|   |                                                                                                                                                                                                    |    |       |       |       | 47.47   | cum | 4163.00 | 197633.95 |
| 7 | Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:                                          |    |       |       |       | 64.09   | cum | 97.50   | 6248.78   |
| 8 | 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 all complete:      |    |       |       |       |         |     |         |           |
|   | Thermo-Mechanically treated bars                                                                                                                                                                   |    | 76.65 | 100   |       | 7665.00 | kg  | 54.50   | 417742.50 |
| 9 | Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in:                                                         |    |       |       |       |         |     |         |           |



|    |                                                                                                                                                                                                                                                    |       |       |      |      |        |     |         |           |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|------|--------|-----|---------|-----------|
|    | Cement Mortar 1:6 (1 cement : 6 coarse sand)                                                                                                                                                                                                       |       |       |      |      |        |     |         |           |
|    | column                                                                                                                                                                                                                                             | 14x2  | 0.60  | 0.30 | 0.8  | 4.03   |     |         |           |
|    |                                                                                                                                                                                                                                                    | 2x2   | 0.60  | 0.30 | 0.8  | 0.58   |     |         |           |
|    | below pb                                                                                                                                                                                                                                           | 8     | 3.50  | 0.30 | 0.60 | 5.04   |     |         |           |
|    |                                                                                                                                                                                                                                                    | 6     | 2.80  | 0.30 | 0.60 | 3.02   |     |         |           |
|    |                                                                                                                                                                                                                                                    | 8     | 3.50  | 0.20 | 2.10 | 11.76  |     |         |           |
|    |                                                                                                                                                                                                                                                    | 6     | 2.80  | 0.20 | 2.10 | 7.06   |     |         |           |
|    |                                                                                                                                                                                                                                                    | 8     | 3.50  | 0.20 | 1.00 | 5.60   |     |         |           |
|    |                                                                                                                                                                                                                                                    | 6     | 2.70  | 0.20 | 1.00 | 3.24   |     |         |           |
|    |                                                                                                                                                                                                                                                    | 2     | 15.40 | 0.20 | 0.60 | 3.70   |     |         |           |
|    |                                                                                                                                                                                                                                                    | 2     | 10.40 | 0.20 | 0.60 | 2.50   |     |         |           |
|    | deduction door                                                                                                                                                                                                                                     | 2     | 1.50  | 0.20 | 2.10 | -1.26  |     |         |           |
|    |                                                                                                                                                                                                                                                    | 10    | 1.20  | 0.20 | 1.20 | -2.88  |     |         |           |
|    |                                                                                                                                                                                                                                                    | 10    | 0.60  | 0.20 | 0.30 | -0.36  |     |         |           |
|    |                                                                                                                                                                                                                                                    |       |       |      |      | 42.02  | Cum | 3263.00 | 137111.26 |
| 10 | Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:                                                                                                           |       |       |      |      | 33.85  | Cum | 121.00  | 4095.85   |
| 11 | Providing and making 6mm thick cement plaster of mix:                                                                                                                                                                                              |       |       |      |      |        |     |         |           |
|    | In Cement mortar 1:4 (1 cement : 4 fine sand)                                                                                                                                                                                                      |       |       |      |      |        |     |         |           |
|    | SLAB                                                                                                                                                                                                                                               | 1     | 14.60 |      | 9.60 | 140.16 |     |         |           |
|    | Chhajja                                                                                                                                                                                                                                            | 10x2  | 1.20  |      | 0.70 | 16.80  |     |         |           |
|    |                                                                                                                                                                                                                                                    | 1     | 3.50  |      | 3.50 | 12.25  |     |         |           |
|    |                                                                                                                                                                                                                                                    |       |       |      |      | 169.21 | sqm | 87.00   | 14721.27  |
| 12 | 12mm thick cement plaster of mix:                                                                                                                                                                                                                  |       |       |      |      |        |     |         |           |
|    | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                      |       |       |      |      |        |     |         |           |
|    |                                                                                                                                                                                                                                                    | 2     | 14.60 |      | 3.50 | 102.20 |     |         |           |
|    |                                                                                                                                                                                                                                                    | 2     | 9.60  |      | 3.40 | 65.28  |     |         |           |
|    | deduction door                                                                                                                                                                                                                                     | 2x.5  | 1.50  |      | 2.10 | -3.15  |     |         |           |
|    | deduction window                                                                                                                                                                                                                                   | 10x.5 | 1.20  |      | 1.20 | -7.20  |     |         |           |
|    | deduction v                                                                                                                                                                                                                                        | 10x.5 | 0.60  |      | 0.30 | -0.90  |     |         |           |
|    |                                                                                                                                                                                                                                                    |       |       |      |      | 156.23 | sqm | 96.50   | 15076.20  |
| 13 | 15mm thick cement plaster on the rough side of single or half brick wall of mix:                                                                                                                                                                   |       |       |      |      |        |     |         |           |
|    | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                      |       |       |      |      |        |     |         |           |
|    |                                                                                                                                                                                                                                                    | 2     | 15.00 |      | 4.00 | 120.00 |     |         |           |
|    |                                                                                                                                                                                                                                                    | 2     | 9.00  |      | 4.00 | 72.00  |     |         |           |
|    | deduction door                                                                                                                                                                                                                                     | 2x.5  | 1.50  |      | 2.10 | -3.15  |     |         |           |
|    | deduction window                                                                                                                                                                                                                                   | 10x.5 | 1.20  |      | 1.20 | -7.20  |     |         |           |
|    | deduction v                                                                                                                                                                                                                                        | 10x.5 | 0.60  |      | 0.30 | -0.90  |     |         |           |
|    |                                                                                                                                                                                                                                                    |       |       |      |      | 180.75 | sqm | 113.00  | 20424.75  |
| 14 | Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M. |       |       |      |      | 43.40  | cum | 65.00   | 2821.00   |
| 15 | 1.26 Carriage by mechanical transport upto 5 km lead:                                                                                                                                                                                              |       |       |      |      |        |     |         |           |
|    | Earth                                                                                                                                                                                                                                              |       |       |      |      | 25.43  | cum | 111.00  | 2822.73   |
| 16 | 14.51 Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on wall to make the surface smooth and even.                                                                                         |       |       |      |      | 506.19 | sqm | 101.00  | 51125.19  |
| 17 | 14.49 wall painting with premium emulsion (plastic)manufactured with cow dung processing emulsion paint of required shade to give an even shade .                                                                                                  |       |       |      |      |        |     |         |           |
|    | 14.49.1 on new work (two or more coats)                                                                                                                                                                                                            |       |       |      |      | 325.44 | sqm | 69.00   | 22455.36  |
| 18 | 14.50 painting exterior surface with SMOOTH exterior emulsion paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with:                                   |       |       |      |      |        |     |         |           |
|    | 14.50.1 on new work (tow or more coats applied @1.43ltr/10sqm over                                                                                                                                                                                 |       |       |      |      | 180.75 | sqm | 79.00   | 14279.25  |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      |        |     |         |           |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|------|--------|-----|---------|-----------|
| 20                         | 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.                                                                                                    |    |       |      |      | 490.00 | kg  | 75.00   | 36750.00  |
| 20                         | 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.                                                                                                                 |    |       |      |      | 250.00 | kg  | 67.50   | 16875.00  |
| 21                         | Painting on new work (two or more coats) to give an even shade with:                                                                                                                                                                                                                                                                                                                                       |    |       |      |      |        |     |         |           |
|                            | Satin synthetic enamel paint                                                                                                                                                                                                                                                                                                                                                                               | 10 | 0.50  | 1.20 | 1.20 | 7.20   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 10 | 2.00  | 1.20 | 1.20 | 28.80  |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 2  | 2.00  | 1.50 | 2.50 | 15.00  |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      | 51.00  | sqm | 55.00   | 2805.00   |
| 22                         | 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. Size 600x600mm | 1  | 14.60 | 9.60 |      | 140.16 |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 2  | 14.60 | 0.20 |      | 5.84   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 2  | 9.60  | 0.20 |      | 3.84   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 1  | 3.50  | 3.50 |      | 12.25  |     |         |           |
|                            | stair                                                                                                                                                                                                                                                                                                                                                                                                      | 3  | 3.50  | 0.30 |      | 3.15   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 3  | 3.50  | 0.30 |      | 3.15   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      | 168.39 | sqm | 1151.00 | 193816.89 |
| 23                         | Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.                                                   | 1  | 3.50  |      | 2.50 | 8.75   | sqm | 3300.00 | 28875.00  |
| <b>TOILET CONSTRUCTION</b> |                                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      |        |     |         |           |
| 1                          | Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50 m, (at least 5m away from the excavated area), including dressing and leveling of pits                                                                                                                                              |    |       |      |      |        |     |         |           |
|                            | In all types of soil                                                                                                                                                                                                                                                                                                                                                                                       | 6  | 1.50  | 1.50 | 1.50 | 20.25  |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 4  | 2.90  | 0.60 | 0.60 | 4.18   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 3  | 2.40  | 0.60 | 0.60 | 2.59   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 1  | 3.50  | 2.50 | 2.00 | 17.50  |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      | 44.52  | Cum | 185.00  | 8235.83   |
| 2                          | 1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M                                                                                                                                                     |    |       |      |      | 21.25  | Cum | 65.00   | 1381.25   |
| 3                          | 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.                                                                                                                                                                                    |    |       |      |      |        |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 6  | 1.50  | 1.50 | 0.10 | 1.35   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 2  | 7.40  | 0.60 | 0.10 | 0.89   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 3  | 3.00  | 0.60 | 0.10 | 0.54   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 1  | 7.80  | 3.20 | 0.10 | 2.50   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            | 1  | 3.00  | 2.00 | 0.10 | 0.60   |     |         |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                            |    |       |      |      | 5.87   | Cum | 371.00  | 2179.25   |
| 4                          | providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation , plinth and at ground level excluding cost of form work.                                                                                                                                                                                                                                 |    |       |      |      |        |     |         |           |



|   |                                                                                                                                                                                                     |     |       |       |      |         |     |                  |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|-------|------|---------|-----|------------------|
|   | 3:6 (1 cement : 3 Coarde sand : 6 graded stone aggrgate 40mm nominal size)                                                                                                                          |     |       |       |      |         |     |                  |
|   |                                                                                                                                                                                                     | 6   | 1.50  | 1.50  | 0.10 | 1.35    |     |                  |
|   |                                                                                                                                                                                                     | 2   | 7.40  | 0.60  | 0.10 | 0.89    |     |                  |
|   |                                                                                                                                                                                                     | 3   | 3.00  | 0.60  | 0.10 | 0.54    |     |                  |
|   |                                                                                                                                                                                                     | 1   | 7.80  | 3.20  | 0.10 | 2.50    |     |                  |
|   |                                                                                                                                                                                                     | 1   | 3.00  | 2.00  | 0.10 | 0.60    |     |                  |
|   |                                                                                                                                                                                                     |     |       |       |      | 5.87    | Cum | 2970.00 17445.78 |
|   | 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).                                                                                                                    |     |       |       |      |         |     |                  |
|   |                                                                                                                                                                                                     | 1   | 8.40  | 2.00  | 0.15 | 2.52    |     |                  |
|   |                                                                                                                                                                                                     | 1   | 2.40  | 1.60  | 0.10 | 0.38    |     |                  |
|   |                                                                                                                                                                                                     |     |       |       |      | 2.90    | Cum | 4073.00 11827.99 |
| 5 | Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work . |     |       |       |      |         |     |                  |
|   | 1:1 1/2 :3 (1Cement :1 1/2 coarse sand : 3 graded stone aggrgate 20mm nominal size)                                                                                                                 |     |       |       |      |         |     |                  |
|   |                                                                                                                                                                                                     | 6   | 1.50  | 1.50  | 0.25 | 3.38    |     |                  |
|   |                                                                                                                                                                                                     | 6   | 0.90  | 0.90  | 0.25 | 1.22    |     |                  |
|   |                                                                                                                                                                                                     | 6   | 0.20  | 0.30  | 0.80 | 0.29    |     |                  |
|   |                                                                                                                                                                                                     | 6   | 0.20  | 0.30  | 0.30 | 0.11    |     |                  |
|   | pb                                                                                                                                                                                                  | 2   | 8.40  | 0.20  | 0.30 | 1.01    |     |                  |
|   |                                                                                                                                                                                                     | 3   | 3.20  | 0.20  | 0.30 | 0.58    |     |                  |
|   |                                                                                                                                                                                                     | 6   | 0.20  | 0.30  | 2.10 | 0.76    |     |                  |
|   | lb                                                                                                                                                                                                  | 2   | 8.20  | 0.20  | 0.20 | 0.66    |     |                  |
|   |                                                                                                                                                                                                     | 3   | 3.20  | 0.20  | 0.30 | 0.58    |     |                  |
|   | up to slab beam                                                                                                                                                                                     | 6   | 0.20  | 0.30  | 0.70 | 0.25    |     |                  |
|   | slab beam                                                                                                                                                                                           | 2   | 8.40  | 0.20  | 0.20 | 0.67    |     |                  |
|   |                                                                                                                                                                                                     | 3   | 3.20  | 0.20  | 0.20 | 0.38    |     |                  |
|   | slab                                                                                                                                                                                                | 1   | 8.70  | 4.00  | 0.13 | 4.35    |     |                  |
|   |                                                                                                                                                                                                     | 1   | 3.00  | 2.00  | 0.15 | 0.90    |     |                  |
|   |                                                                                                                                                                                                     |     |       |       |      | 15.12   | Cum | 4163.00 62927.91 |
| 6 | Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:                                           |     |       |       |      | 6.89    | Cum | 97.50 671.78     |
| 7 | 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 all complete.          |     |       |       |      |         |     |                  |
|   | Thermo-Mechanically treated bars                                                                                                                                                                    |     | 15.12 | 80.00 |      | 1209.60 | Kg  | 54.50 65923.20   |
| 8 | providing and fixing formwork inluding centering shuttering strutting staging propping braxing etc. complete and inluding its removal at all levels, for                                            |     |       |       |      |         |     |                  |
|   | Foundations, footings, base of columns and plinth beam in any shape and size.                                                                                                                       |     |       |       |      |         |     |                  |
|   | footing                                                                                                                                                                                             | 6x4 | 0.9   |       | 0.25 | 5.40    |     |                  |
|   |                                                                                                                                                                                                     | 6   | 1.00  |       | 1.10 | 6.60    |     |                  |
|   |                                                                                                                                                                                                     | 2x2 | 8.40  |       | 0.30 | 10.08   |     |                  |
|   |                                                                                                                                                                                                     | 3x2 | 3.20  |       | 0.30 | 5.76    |     |                  |
|   |                                                                                                                                                                                                     | 1   | 3.00  |       | 1.60 | 28.80   |     |                  |
|   |                                                                                                                                                                                                     |     |       |       |      | 56.64   | Sqm | 139.00 7872.96   |
|   | Columns, Pillars, Piers and likes- rectangular or square in shape                                                                                                                                   |     |       |       |      |         |     |                  |
|   |                                                                                                                                                                                                     | 6   | 1.00  |       | 2.10 | 12.60   | Sqm | 297.00 3742.20   |
|   | Beams, lintels, cantilevers & walls                                                                                                                                                                 |     |       |       |      |         |     |                  |
|   |                                                                                                                                                                                                     | 3x2 | 8.40  |       | 0.20 | 10.08   |     |                  |
|   |                                                                                                                                                                                                     | 3x2 | 3.20  |       | 0.20 | 3.84    |     |                  |
|   |                                                                                                                                                                                                     | 4x2 | 1.30  |       | 0.20 | 2.08    |     |                  |
|   |                                                                                                                                                                                                     |     |       |       |      | 16.00   | Sqm | 202.00 3232.00   |
|   | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)                                                                                                     |     |       |       |      |         |     |                  |
|   |                                                                                                                                                                                                     | 1   | 9.00  |       | 4.00 | 36.00   |     |                  |



|    |                                                                                                                                                                                                                                                                                                                                         |      |      |      |      |        |     |         |          |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|--------|-----|---------|----------|
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 9.00 |      | 0.13 | 2.25   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 4.00 |      | 0.13 | 1.00   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         |      |      |      |      | 39.25  | Sqm | 235.00  | 9223.75  |
| 9  | 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:                                                                                                                                                                                             |      |      |      |      |        |     |         |          |
|    | Cement Mortar 1:5 (1 Cement : 5 Coarse Sand)                                                                                                                                                                                                                                                                                            |      |      |      |      |        |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 3    | 7.80 | 0.20 | 0.70 | 3.28   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 3    | 3.00 | 0.20 | 0.70 | 1.26   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 3    | 7.80 | 0.20 | 2.10 | 9.83   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 3    | 3.00 | 0.20 | 2.10 | 3.78   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 4    | 1.50 | 0.20 | 2.10 | 2.52   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 4    | 1.50 | 0.20 | 0.70 | 0.84   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 7.80 | 0.20 | 0.70 | 2.18   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 3.00 | 0.20 | 0.70 | 0.84   |     |         |          |
|    | Deduction                                                                                                                                                                                                                                                                                                                               | 8    | 0.80 | 0.20 | 2.10 | -2.69  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 8    | 0.60 | 0.20 | 0.30 | -0.29  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 3.00 | 0.20 | 2.00 | 2.40   |     |         |          |
|    | septic tank                                                                                                                                                                                                                                                                                                                             | 3    | 1.60 | 0.20 | 2.00 | 1.92   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         |      |      |      |      | 25.87  | Cum | 3350.00 | 86671.20 |
| 10 | Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:                                                                                                                                                                                                |      |      |      |      | 17.02  | Cum | 121.00  | 2059.42  |
| 11 | Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.                                                                                                                                                                                                                        |      |      |      |      | 5.00   | Kg  | 43.50   | 217.50   |
| 12 | Providing and making 6mm thick cement plaster of mix:                                                                                                                                                                                                                                                                                   |      |      |      |      |        |     |         |          |
|    | In Cement mortar 1:4 (1 cement : 4 fine sand)                                                                                                                                                                                                                                                                                           |      |      |      |      |        |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 1    | 8.00 |      | 3.20 | 25.60  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         |      |      |      |      | 25.60  | Sqm | 87.00   | 2227.20  |
| 13 | Providing and making 12mm thick cement plaster of mix                                                                                                                                                                                                                                                                                   |      |      |      |      |        |     |         |          |
|    | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                                                                                                           |      |      |      |      |        |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 3    | 7.80 |      | 3.20 | 74.88  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 3    | 3.00 |      | 3.20 | 28.80  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 4    | 1.50 |      | 3.20 | 19.20  |     |         |          |
|    | Deduction                                                                                                                                                                                                                                                                                                                               | .5x8 | 0.80 |      | 2.10 | -6.72  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | .5x8 | 0.30 |      | 0.30 | -0.36  |     |         |          |
|    | septic Tnk                                                                                                                                                                                                                                                                                                                              | 4    | 1.60 |      | 2.00 | 12.80  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 3.40 |      | 2.00 | 13.60  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         |      |      |      |      | 142.20 | Sqm | 96.50   | 13722.30 |
| 14 | 15mm thick cement plaster on the rough side of single or half brick wall of mix:                                                                                                                                                                                                                                                        |      |      |      |      |        |     |         |          |
|    | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                                                                                                           |      |      |      |      |        |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 8.40 |      | 3.50 | 58.80  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 1    | 7.80 |      | 3.20 | 24.96  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 2    | 3.60 |      | 3.50 | 25.20  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 1    | 3.00 |      | 3.20 | 9.60   |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 4    | 1.50 |      | 3.20 | 19.20  |     |         |          |
|    | Deduction                                                                                                                                                                                                                                                                                                                               | .5x8 | 0.80 |      | 2.10 | -6.72  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | .5x8 | 0.30 |      | 0.30 | -0.36  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         |      |      |      |      | 130.68 | Sqm | 113.00  | 14766.84 |
| 15 | 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 complete. |      |      |      |      |        |     |         |          |
|    | Size upto 200x300mm                                                                                                                                                                                                                                                                                                                     | 12   | 1.50 |      | 1.50 | 27.00  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         | 12   | 1.20 |      | 1.50 | 14.40  |     |         |          |
|    | Deduction                                                                                                                                                                                                                                                                                                                               | 6    | 0.80 |      | 1.50 | -7.20  |     |         |          |
|    |                                                                                                                                                                                                                                                                                                                                         |      |      |      |      | 34.20  | Sqm | 587.00  | 20075.40 |



|    |                                                                                                                                                                                                                                                                                                                                                                                       |     |      |      |      |        |      |         |          |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|------|--------|------|---------|----------|
|    | 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 etc., complete                                                                                                            |     |      |      |      |        |      |         |          |
|    | Size 300x300mm                                                                                                                                                                                                                                                                                                                                                                        | 2   | 3.70 |      | 1.50 | 11.10  |      |         |          |
|    |                                                                                                                                                                                                                                                                                                                                                                                       | 6   | 1.50 |      | 1.20 | 10.80  |      |         |          |
|    |                                                                                                                                                                                                                                                                                                                                                                                       |     |      |      |      | 21.90  | Sqm  | 692.00  | 15154.80 |
| 17 | 14.51 Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on wall to make the surface smooth and even.                                                                                                                                                                                                                            |     |      |      |      |        |      |         |          |
| 18 | 14.49 wall painting with premium emulsion (plastic)manufactured with cow dung processing emulsion paint of required shade to give an even shade .                                                                                                                                                                                                                                     |     |      |      |      | 272.08 | sqm  | 101.00  | 27480.08 |
|    | 14.49.1 on new work (two or more coats)                                                                                                                                                                                                                                                                                                                                               |     |      |      |      |        |      |         |          |
| 19 | 14.50 painting exterior surface with SMOOTH exterior emulsion paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with:                                                                                                                                                                      |     |      |      |      | 141.40 | sqm  | 69.00   | 9756.60  |
|    | 14.50.1 on new work (two or more coats applied @1.43ltr/10sqm over                                                                                                                                                                                                                                                                                                                    |     |      |      |      |        |      |         |          |
| 20 | 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.                                                                               |     |      |      |      | 130.68 | sqm  | 79.00   | 10323.72 |
|    |                                                                                                                                                                                                                                                                                                                                                                                       |     |      |      |      | 250.00 | kg   | 75.00   | 18750.00 |
| 21 | 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.                                                                                            |     |      |      |      | 92.00  | kg   | 67.50   | 6210.00  |
| 22 | 14.22 Painting on new work (two or more coats) to give an even shade with                                                                                                                                                                                                                                                                                                             |     |      |      |      |        |      |         |          |
|    | Satin synthetic enamel paint                                                                                                                                                                                                                                                                                                                                                          | 6x2 | 1.10 | 0.80 | 2.10 | 22.18  |      |         |          |
|    |                                                                                                                                                                                                                                                                                                                                                                                       | 8x1 | 1.10 | 0.30 | 0.30 | 0.79   |      |         |          |
|    |                                                                                                                                                                                                                                                                                                                                                                                       | 2x2 | 1.10 | 1.20 | 2.10 | 11.09  |      |         |          |
| 23 | 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :                                                                                                                                                                            |     |      |      |      | 34.06  | Sqm  | 55.00   | 1873.08  |
|    | White Size 550x450 mm                                                                                                                                                                                                                                                                                                                                                                 |     |      |      |      |        |      |         |          |
| 24 | 18.25 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.                                                                                                                                                                                                                                                                |     |      |      |      | 4.00   | each | 1430.00 | 5720.00  |
|    | 18.25.1 32 mm dia                                                                                                                                                                                                                                                                                                                                                                     |     |      |      |      |        |      |         |          |
| 25 | 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:                                                                                                                                                                                                                              |     |      |      |      | 6.00   | each | 68.50   | 411.00   |
|    | 19.14.1 Bib cock (400 grams)                                                                                                                                                                                                                                                                                                                                                          |     |      |      |      |        |      |         |          |
|    | 19.14.4 Piller Cock (400 grams)                                                                                                                                                                                                                                                                                                                                                       |     |      |      |      | 4.00   | each | 382.00  | 1528.00  |
|    | 19.14.6 Stop cock (concealed) (600 grams)                                                                                                                                                                                                                                                                                                                                             |     |      |      |      | 6.00   | each | 398.00  | 2388.00  |
| 26 | 19.15 Providing and fixing stainless steel drain jali of approved make/quality                                                                                                                                                                                                                                                                                                        |     |      |      |      | 4.00   | each | 494.00  | 1976.00  |
|    |                                                                                                                                                                                                                                                                                                                                                                                       |     |      |      |      | 10.00  | each | 51.00   | 510.00   |
| 27 | 19.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. |     |      |      |      |        |      |         |          |

|                                                                                                                                                                                                                                                                                                                                                                |   |      |      |  |         |       |         |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|--|---------|-------|---------|------------|
| 4.1)15 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                            |   |      |      |  | 15.00   | metre | 110.00  | 1650.00    |
| 9.4.3 )25 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                         |   |      |      |  | 25.00   | metre | 199.00  | 4975.00    |
| Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.                                              |   |      |      |  |         |       |         |            |
| 110 mm dia pipe.                                                                                                                                                                                                                                                                                                                                               |   |      |      |  | 25.00   | Mtr.  | 267.00  | 6675.00    |
| 29 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.                                                                                 |   |      |      |  |         |       |         |            |
| Tee/ Tee with door/ Bend 45°/ Bend 90°                                                                                                                                                                                                                                                                                                                         |   |      |      |  |         |       |         |            |
| 110 mm                                                                                                                                                                                                                                                                                                                                                         |   |      |      |  |         |       |         |            |
| 18.77.5 "P" trap 110mmx110mm long each                                                                                                                                                                                                                                                                                                                         |   |      |      |  | 10.00   | Each  | 154.00  | 1540.00    |
| 30 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 :                       |   |      |      |  | 6.00    | each  | 227.00  | 1362.00    |
| 18.1.3 White Orissa pattern W.C. pan of size 580x440 mm                                                                                                                                                                                                                                                                                                        |   |      |      |  |         |       |         |            |
| 31 18.13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:                                                                                                                                                                                                               |   |      |      |  | 6.00    | each  | 2899.00 | 17394.00   |
| 18.13.2 Flat back type urinal of size 460x380x250mm                                                                                                                                                                                                                                                                                                            |   |      |      |  | 2.00    | each  | 1529.00 | 3058.00    |
| 18.13.3 Wall corner type urinal of sizes 340x410x265mm                                                                                                                                                                                                                                                                                                         |   |      |      |  | 2.00    | each  | 1659.00 | 3318.00    |
| 32 19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank                                                                              |   |      |      |  | 1000.00 | liter | 7.30    | 7300.00    |
| 33 12.65 Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm |   |      |      |  |         |       |         |            |
|                                                                                                                                                                                                                                                                                                                                                                | 1 | 8.55 | 3.00 |  | 25.65   |       |         |            |
|                                                                                                                                                                                                                                                                                                                                                                |   |      |      |  | 25.65   | sqm   | 632.00  | 16210.80   |
| As per SOR Total Estimate Amount Rs.                                                                                                                                                                                                                                                                                                                           |   |      |      |  |         |       |         | 1916973.07 |
| Add Extra for Electrical Amount Rs.                                                                                                                                                                                                                                                                                                                            |   |      |      |  |         |       |         | 82429.84   |
| Total Amount Rs.                                                                                                                                                                                                                                                                                                                                               |   |      |      |  |         |       |         | 1999402.92 |
| Say Amount Rs.                                                                                                                                                                                                                                                                                                                                                 |   |      |      |  |         |       |         | 2000000.00 |

  
 Sub Engineer  
 Municipal Corporation  
 Korba (C.G.)

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