

# कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 638 / 2025

सिस्टम टेंडर नं. 170220

कोरबा दिनांक 18.06.2025

## ई-निविदा आमंत्रण सूचना

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

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि — 15.07.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि — 15.07.2025 सायंकाल 4.00 बजे से

| क्र. | कार्य का नाम                                                                                                       | प्राक्कलन राशि (लाख में) | धरोहर राशि (FDR/TDR) | कार्यावधि | निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट) | ठेकेदार का वर्ग          | निविदा खुलने की तिथि |
|------|--------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|-----------|-----------------------------------------|--------------------------|----------------------|
| 1    | सामुदायिक भवन निर्माण (यादव समाज) जमनीपाली में कबीर सदन के पास वार्ड क 47 (सार्वजनिक उपयोग हेतु (अ.जा.वि.प्रा. मद) | 10.00                    | 7500/-               | 03 माह    | 750/-                                   | वर्ग डी एवं प्रवर श्रेणी | 15.07.2025 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, पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
  - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
  - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात् का, निविदा 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 एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
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 फ्लाई 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 कड़िका 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 कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
18. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।

प्रतिलिपि-

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

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

**Date-Time Detail(s)**

| Seq.<br>No. | Nagar Nigam Stage | Contractor Stage                | Start      |       | Expiry     |       | Remarks        |
|-------------|-------------------|---------------------------------|------------|-------|------------|-------|----------------|
|             |                   |                                 | Date       | Time  | Date       | Time  |                |
| 1           | Release Tender    |                                 | 18.06.2025 | 15.30 | 18.06.2025 | 15.30 | Release Tender |
| 2           |                   | Bid Submission                  | 18.06.2025 | 15.30 | 11.07.2025 | 17.30 |                |
| 3           |                   | Physical Document<br>Submission | 18.06.2025 | 15.30 | 15.07.2025 | 15.00 |                |
| 4           | Tender Open       |                                 | 15.07.2025 | 16.00 | --         | --    |                |

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

# OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

## DETAILED ESTIMATE

**Name Of Work :-** सामुदायिक भवन निर्माण (यादव समाज) जमनीपाली में कबीर सदन के पास वार्ड 47  
(सार्वजनिक उपयोग हेतु)

**As Per SOR :-** SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING - 01.01.2015]

| S. N. | REF  | ITEM DESCRIPTION                                                                                                                                                                                                                                             | N  | L     | B     | H/D   | QTY    | UNIT | RATE   | AMOUNT   |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|-------|-------|--------|------|--------|----------|
| 1     | 1.2  | Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).      |    |       |       |       |        |      |        |          |
|       |      |                                                                                                                                                                                                                                                              | 1  | 20.00 | 10.00 |       | 200.00 |      |        |          |
|       |      |                                                                                                                                                                                                                                                              |    |       |       | Total | 200.00 | sqm  | 7.20   | 1440.00  |
| 2     | 1.1  | 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. |    |       |       |       |        |      |        |          |
|       | 1.1  | In all types of soils.                                                                                                                                                                                                                                       |    |       |       |       |        |      |        |          |
|       |      | Col                                                                                                                                                                                                                                                          | 13 | 2.10  | 2.10  | 1.80  | 103.19 |      |        |          |
|       |      | Wall                                                                                                                                                                                                                                                         | 1  | 12.18 | 0.40  | 0.40  | 1.95   |      |        |          |
|       |      | Step                                                                                                                                                                                                                                                         | 1  | 2.00  | 1.20  | 0.20  | 0.48   |      |        |          |
|       |      | S.T                                                                                                                                                                                                                                                          | 1  | 3.60  | 3.00  | 1.80  | 19.44  |      |        |          |
|       |      |                                                                                                                                                                                                                                                              |    |       |       | Total | 125.06 | Cum  | 185.00 | 23136.62 |
| 3     | 1.6  | Extra for every additional lift of 1.5 m or part thereof.                                                                                                                                                                                                    |    |       |       |       |        |      |        |          |
|       | 6.1  | All types of soils                                                                                                                                                                                                                                           |    |       |       |       |        |      |        |          |
|       |      | Col                                                                                                                                                                                                                                                          | 13 | 2.10  | 2.10  | 0.30  | 17.20  |      |        |          |
|       |      |                                                                                                                                                                                                                                                              | 1  | 3.60  | 3.00  | 0.30  | 3.24   |      |        |          |
|       |      |                                                                                                                                                                                                                                                              |    |       |       | Total | 20.44  | Cum  | 26.50  | 541.63   |
| 4     | 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.           |    |       |       |       |        |      |        |          |
|       |      |                                                                                                                                                                                                                                                              |    |       |       |       | 52.78  |      |        |          |
|       |      |                                                                                                                                                                                                                                                              |    |       |       | Total | 52.78  | Sqm  | 65.00  | 3430.70  |

|   |      |                                                                                                                                                                                                                         |    |       |      |       |       |     |          |
|---|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|-------|-------|-----|----------|
| 5 | 1.1  | 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. |    |       |      |       |       |     |          |
|   |      | Col.                                                                                                                                                                                                                    | 13 | 2.10  | 2.10 | 0.10  | 5.73  |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 9.00  | 5.50 | 0.20  | 9.90  |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 3.00  | 5.50 | 0.20  | 3.30  |     |          |
|   |      | S.T                                                                                                                                                                                                                     | 1  | 3.60  | 3.00 | 0.10  | 1.08  |     |          |
|   |      |                                                                                                                                                                                                                         |    |       |      | Total | 20.01 | Cum | 371.00   |
|   |      |                                                                                                                                                                                                                         |    |       |      |       |       |     | 7424.82  |
| 6 | 1.19 | 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  | 9.00  | 5.50 | 0.40  | 19.80 |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 3.00  | 5.50 | 0.40  | 6.60  |     |          |
|   |      |                                                                                                                                                                                                                         |    |       |      | Total | 26.40 | Cum | 242.00   |
|   |      |                                                                                                                                                                                                                         |    |       |      |       |       |     | 6388.80  |
| 7 | 1.26 | Carriage by mechanical transport upto 5 km lead                                                                                                                                                                         |    |       |      |       |       |     |          |
|   | 26.1 | Earth                                                                                                                                                                                                                   |    |       |      |       |       |     |          |
|   |      |                                                                                                                                                                                                                         |    |       |      |       | 15.00 | Cum | 111.00   |
|   |      |                                                                                                                                                                                                                         |    |       |      |       |       |     | 1665.00  |
| 8 | 3.1  | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.                                                    |    |       |      |       |       |     |          |
|   | 1.2  | 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).                                                                                                                                          |    |       |      |       |       |     |          |
|   |      |                                                                                                                                                                                                                         | 13 | 1.70  | 1.70 | 0.10  | 3.76  |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 42.06 | 0.40 | 0.08  | 1.35  |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 3.60  | 3.00 | 0.10  | 1.08  |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 9.00  | 5.50 | 0.08  | 3.96  |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 3.00  | 5.50 | 0.08  | 1.32  |     |          |
|   |      |                                                                                                                                                                                                                         | 1  | 2.00  | 1.10 | 0.08  | 0.18  |     |          |
|   |      |                                                                                                                                                                                                                         |    |       |      | Total | 11.64 | Cum | 2659.00  |
|   |      |                                                                                                                                                                                                                         |    |       |      |       |       |     | 30947.89 |
| 9 | 3.2  | Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.                                               |    |       |      |       |       |     |          |
|   | 2.1  | 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).                                                                                                                                        |    |       |      |       |       |     |          |
|   |      |                                                                                                                                                                                                                         | 13 | 1.50  | 1.50 | 0.40  | 11.70 |     |          |
|   |      |                                                                                                                                                                                                                         | 13 | 0.20  | 0.30 | 1.60  | 1.25  |     |          |
|   |      |                                                                                                                                                                                                                         | 13 | 0.20  | 0.30 | 3.60  | 2.81  |     |          |
|   |      |                                                                                                                                                                                                                         | 4  | 0.20  | 0.30 | 2.40  | 0.58  |     |          |

|    |      |                                                                                                                                                                                                                                                                                                |    |       |      |       |         |     |         |           |
|----|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|-------|---------|-----|---------|-----------|
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 42.06 | 0.20 | 0.30  | 2.52    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 39.06 | 0.20 | 0.20  | 1.56    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 42.06 | 0.20 | 0.20  | 1.68    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 11.00 | 0.20 | 0.10  | 0.22    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 2  | 5.50  | 0.20 | 0.40  | 0.88    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 2  | 1.20  | 0.20 | 0.20  | 0.10    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 13.20 | 6.90 | 0.13  | 11.39   |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 3.60  | 3.00 | 0.13  | 1.35    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 2  | 12.40 | 0.50 | 0.09  | 1.12    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 2.00  | 1.20 | 0.10  | 0.24    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 42.06 | 0.20 | 0.10  | 0.84    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 2  | 3.00  | 1.20 | 0.13  | 0.90    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 2  | 2.50  | 1.50 | 0.13  | 0.94    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 18 | 0.50  | 1.50 | 0.17  | 2.30    |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                |    |       |      | Total | 42.36   | Cum | 4163.00 | 176349.26 |
| 10 | 3.12 | Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:                                                                         |    |       |      |       |         |     |         |           |
|    | 12.1 | Thermo-Mechanically treated bars FE 415                                                                                                                                                                                                                                                        |    |       |      |       | 3000.00 | Kg  | 54.50   | 163500.00 |
| 11 | 3.4  | 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:                                                                                                                                      |    |       |      |       | 26.81   | Cum | 97.50   | 2613.90   |
| 12 | 3.13 | Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.                                                                                                 |    |       |      |       |         |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                |    |       |      |       | 0.67    | Cum | 4237.00 | 2838.70   |
| 13 | 3.14 | Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.                                                                                                                                                                               |    |       |      |       | 20.00   | Kg  | 43.50   | 870.00    |
| 14 | 3.16 | Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth. |    |       |      |       |         |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                | 1  | 40.00 |      | 0.50  | 20.00   |     |         |           |
|    |      |                                                                                                                                                                                                                                                                                                |    |       |      | Total | 20.00   | Cum | 273.00  | 5460.00   |

|    |      |                                                                                                                                                                 |    |       |      |       |       |       |          |
|----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|-------|-------|-------|----------|
| 15 | 2.1  | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: |    |       |      |       |       |       |          |
|    | 1.1  | Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.                                |    |       |      |       |       |       |          |
|    |      | Col.                                                                                                                                                            | 13 | 4.00  | 1.70 | 0.10  | 8.84  |       |          |
|    |      |                                                                                                                                                                 | 13 | 4.00  | 1.50 | 0.40  | 31.20 |       |          |
|    |      |                                                                                                                                                                 | 13 | 1.00  |      | 1.60  | 20.80 |       |          |
|    |      |                                                                                                                                                                 | 2  | 42.06 |      | 0.30  | 25.24 |       |          |
|    |      |                                                                                                                                                                 |    |       |      | Total | 86.08 | Sqm   | 139.00   |
|    |      |                                                                                                                                                                 |    |       |      |       |       |       | 11964.56 |
|    | 1.3  | Window sills, anchor blocks, string course, bends, copings, bed plates and like.                                                                                |    |       |      |       |       |       |          |
|    |      |                                                                                                                                                                 | 2  | 42.06 |      | 0.10  | 8.41  |       |          |
|    |      |                                                                                                                                                                 |    |       |      | Total | 8.41  | Sqm   | 184.00   |
|    |      |                                                                                                                                                                 |    |       |      |       |       |       | 1547.81  |
|    | 1.4  | Edge of slab, breaks in floor and walls upto 200mm.                                                                                                             |    |       |      |       |       |       |          |
|    |      |                                                                                                                                                                 |    |       |      |       | 53.40 | metre | 34.00    |
|    |      |                                                                                                                                                                 |    |       |      |       |       |       | 1815.60  |
|    | 1.5  | Columns, Pillars, Piers and likes- rectangular or square in shape                                                                                               |    |       |      |       |       |       |          |
|    |      |                                                                                                                                                                 | 13 | 1.00  |      | 3.60  | 46.80 |       |          |
|    |      |                                                                                                                                                                 | 4  | 1.00  |      | 2.40  | 9.60  |       |          |
|    |      |                                                                                                                                                                 |    |       |      | Total | 56.40 | Sqm   | 297.00   |
|    |      |                                                                                                                                                                 |    |       |      |       |       |       | 16750.80 |
|    | 1.7  | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)                                                                 |    |       |      |       |       |       |          |
|    |      |                                                                                                                                                                 | 1  | 13.20 |      | 6.90  | 91.08 |       |          |
|    |      |                                                                                                                                                                 | 1  | 3.60  |      | 3.00  | 10.80 |       |          |
|    |      | Deduction--                                                                                                                                                     | 1  | 42.06 |      | 0.20  | 8.41  |       |          |
|    |      | Deduction--                                                                                                                                                     | 2  | 5.50  |      | 0.20  | 2.20  |       |          |
|    |      | Deduction--                                                                                                                                                     | 1  | 12.40 |      | 0.20  | 2.48  |       |          |
|    |      |                                                                                                                                                                 |    |       |      |       | 88.79 | Sqm   | 235.00   |
|    |      |                                                                                                                                                                 |    |       |      |       |       |       | 20865.18 |
|    | 1.8  | Beams, lintels, cantilevers & walls                                                                                                                             |    |       |      |       |       |       |          |
|    |      |                                                                                                                                                                 | 1  | 42.06 |      | 0.20  | 8.41  |       |          |
|    |      |                                                                                                                                                                 | 2  | 42.06 |      | 0.20  | 16.82 |       |          |
|    |      |                                                                                                                                                                 | 1  | 11.00 |      | 0.20  | 2.20  |       |          |
|    |      |                                                                                                                                                                 | 2  | 11.00 |      | 0.10  | 2.20  |       |          |
|    |      |                                                                                                                                                                 | 2  | 1.20  |      | 0.20  | 0.48  |       |          |
|    |      |                                                                                                                                                                 | 2  | 2.00  | 1.20 | 0.20  | 0.96  |       |          |
|    |      |                                                                                                                                                                 | 2  | 5.50  |      | 0.20  | 2.20  |       |          |
|    |      |                                                                                                                                                                 | 4  | 5.50  |      | 0.40  | 8.80  |       |          |
|    |      |                                                                                                                                                                 |    |       |      | Total | 42.08 | Sqm   | 202.00   |
|    |      |                                                                                                                                                                 |    |       |      |       |       |       | 8499.35  |
|    | 1.13 | Weather shade, chhajja, Cornices and mouldings                                                                                                                  |    |       |      |       |       |       |          |
|    |      |                                                                                                                                                                 | 2  | 12.40 |      | 0.50  | 12.40 |       |          |
|    |      |                                                                                                                                                                 | 2  | 12.40 |      | 0.08  | 1.98  |       |          |
|    |      |                                                                                                                                                                 | 4  | 0.50  |      | 0.09  | 0.18  |       |          |
|    |      |                                                                                                                                                                 | 1  | 2.00  |      | 1.20  | 2.40  |       |          |
|    |      |                                                                                                                                                                 | 1  | 2.00  |      | 0.08  | 0.16  |       |          |

|    |      |                                                                                                                                             |    |       |      |           |       |     |         |           |
|----|------|---------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|-----------|-------|-----|---------|-----------|
|    |      |                                                                                                                                             | 2  | 1.20  |      | 0.09      | 0.22  |     |         |           |
|    |      |                                                                                                                                             |    |       |      | Total     | 17.34 | Sqm | 294.00  | 5097.96   |
|    | 1.15 | Stair cases of all types excluding spiral and folded plate type, including risers and landings                                              |    |       |      |           |       |     |         |           |
|    |      |                                                                                                                                             | 2  | 3.00  |      | 1.50      | 9.00  |     |         |           |
|    |      |                                                                                                                                             | 2  | 2.50  |      | 1.50      | 7.50  |     |         |           |
|    |      |                                                                                                                                             | 18 | 1.50  |      | 0.17      | 4.59  |     |         |           |
|    |      |                                                                                                                                             | 18 | 0.50  | 0.30 | 0.17      | 0.46  |     |         |           |
|    |      |                                                                                                                                             |    |       |      | Total     | 21.55 | Sqm | 230.00  | 4956.27   |
| 16 | 4.13 | Grading roof for water proofing treatment with:                                                                                             |    |       |      |           |       |     |         |           |
|    | 13.1 | Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)                                              |    |       |      |           |       |     |         |           |
|    |      |                                                                                                                                             | 1  | 13.20 | 6.90 | 0.02      | 1.82  |     |         |           |
|    |      |                                                                                                                                             |    |       |      | Total     | 1.82  | cum | 3817.00 | 6953.05   |
| 17 | 7.5  | Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: |    |       |      |           |       |     |         |           |
|    | 5.3  | Cement Mortar 1:5 (1 cement : 5 coarse sand)                                                                                                |    |       |      |           |       |     |         |           |
|    |      |                                                                                                                                             | 1  | 33.56 | 0.20 | 0.60      | 4.03  |     |         |           |
|    |      |                                                                                                                                             | 1  | 1.80  | 1.00 | 0.40      | 0.72  |     |         |           |
|    |      |                                                                                                                                             | 1  | 1.80  | 0.70 | 0.20      | 0.25  |     |         |           |
|    |      |                                                                                                                                             | 1  | 1.80  | 0.40 | 0.20      | 0.14  |     |         |           |
|    |      |                                                                                                                                             | 2  | 3.60  | 0.20 | 1.70      | 2.45  |     |         |           |
|    |      |                                                                                                                                             | 2  | 2.60  | 0.20 | 1.70      | 1.77  |     |         |           |
|    |      |                                                                                                                                             | 1  | 2.60  | 0.10 | 1.70      | 0.44  |     |         |           |
|    |      |                                                                                                                                             | 1  | 39.06 | 0.20 | 2.90      | 22.65 |     |         |           |
|    |      |                                                                                                                                             | 1  | 30.40 | 0.20 | 0.90      | 5.47  |     |         |           |
|    |      |                                                                                                                                             | 1  | 11.00 | 0.20 | 2.40      | 5.28  |     |         |           |
|    |      |                                                                                                                                             |    |       |      |           | 43.21 |     |         |           |
|    |      | Deduction (-)                                                                                                                               |    |       |      |           |       |     |         |           |
|    |      | D                                                                                                                                           | 1  | 1.80  | 0.20 | 2.10      | 0.76  |     |         |           |
|    |      |                                                                                                                                             | 1  | 1.80  | 0.20 | 2.10      | 0.76  |     |         |           |
|    |      | D.                                                                                                                                          | 1  | 1.00  | 0.20 | 2.10      | 0.42  |     |         |           |
|    |      | W                                                                                                                                           | 6  | 1.20  | 0.20 | 1.20      | 1.73  |     |         |           |
|    |      |                                                                                                                                             |    |       |      | Total     | 3.66  |     |         |           |
|    |      |                                                                                                                                             |    |       |      | G.Total = | 39.55 | Cum | 3350.00 | 132485.80 |
| 18 | 7.6  | Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:    |    |       |      |           | 30.20 | Cum | 121.00  | 3654.20   |

|    |       |                                                                                                                                                                                                                                                                                                |   |      |      |       |        |     |         |          |
|----|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|-------|--------|-----|---------|----------|
| 19 | 7.11  | Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:                                                                                                             |   |      |      |       |        |     |         |          |
|    | 11.2  | Cement Mortar 1:4 (1 cement : 4 coarse sand)                                                                                                                                                                                                                                                   |   |      |      |       |        |     |         |          |
|    |       |                                                                                                                                                                                                                                                                                                | 1 | 4.50 |      | 1.65  | 7.43   |     |         |          |
|    |       | Deduction--                                                                                                                                                                                                                                                                                    | 1 | 0.80 |      | 2.10  | 1.68   |     |         |          |
|    |       |                                                                                                                                                                                                                                                                                                |   |      |      |       | 5.75   | Sqm | 382.00  | 2194.59  |
| 20 | 8.152 | Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture     |   |      |      |       |        |     |         |          |
|    | 152.2 | Both side Pre-laminated panel PVC door shutter                                                                                                                                                                                                                                                 |   |      |      |       |        |     |         |          |
|    |       |                                                                                                                                                                                                                                                                                                | 1 | 0.80 | 2.10 |       | 1.68   |     |         |          |
|    |       |                                                                                                                                                                                                                                                                                                |   |      |      | Total | 1.68   | Sqm | 2832.00 | 4757.76  |
| 21 | 9.16  | Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with                                                         |   |      |      |       |        |     |         |          |
|    | 16.2  | Angle-iron frames                                                                                                                                                                                                                                                                              |   |      |      |       |        |     |         |          |
|    |       |                                                                                                                                                                                                                                                                                                |   |      |      |       | 90.00  | kg  | 73.50   | 6615.00  |
| 22 | 9.15  | Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.                                                                                                    |   |      |      |       |        |     |         |          |
|    |       |                                                                                                                                                                                                                                                                                                |   |      |      |       | 274.00 | kg  | 67.50   | 18495.00 |
| 23 | 9.13  | Providing and fixing steel door/window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate |   |      |      |       |        |     |         |          |
|    |       |                                                                                                                                                                                                                                                                                                |   |      |      |       | 110.00 | kg  | 75.00   | 8250.00  |

|    |       |                                                                                                                                                                                                                                                                                                                                                                                             |   |      |      |      |        |     |        |  |          |  |
|----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|------|--------|-----|--------|--|----------|--|
| 24 | 11.1  | Providing and making 6mm thick cement plaster of mix:                                                                                                                                                                                                                                                                                                                                       |   |      |      |      |        |     |        |  |          |  |
|    | 1.2   | In Cement mortar 1:4 (1 cement : 4 fine sand)                                                                                                                                                                                                                                                                                                                                               |   |      |      |      | 142.11 | Sqm | 87.00  |  | 12363.57 |  |
| 25 | 11.2  | Providing and making 12mm thick cement plaster of mix                                                                                                                                                                                                                                                                                                                                       |   |      |      |      |        |     |        |  |          |  |
|    | 2.3   | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                                                                                                                                                               |   |      |      |      | 150.74 | Sqm | 96.50  |  | 14546.41 |  |
| 26 | 11.3  | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:                                                                                                                                                                                                                                                                                       |   |      |      |      |        |     |        |  |          |  |
|    | 3.3   | In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                                                                                                                                                               |   |      |      |      | 180.68 | Sqm | 113.00 |  | 20416.84 |  |
| 27 | 12.7  | Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.                                                     |   |      |      |      |        |     |        |  |          |  |
|    | 7.2   | Size above 200x300mm                                                                                                                                                                                                                                                                                                                                                                        |   |      |      |      |        |     |        |  |          |  |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                             |   |      |      |      | 7.08   | Sqm | 646.00 |  | 4573.68  |  |
| 28 | 12.9  | Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete                                                                                                                  |   |      |      |      |        |     |        |  |          |  |
|    | 9.2   | Size above 300x300mm                                                                                                                                                                                                                                                                                                                                                                        |   |      |      |      |        |     |        |  |          |  |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                             | 1 | 3.00 | 1.50 |      | 4.50   | Sqm | 728.00 |  | 3276.00  |  |
| 29 | 12.13 | Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete. |   |      |      |      |        |     |        |  |          |  |
|    | 13.1  | Size 600x600mm                                                                                                                                                                                                                                                                                                                                                                              |   |      |      |      |        |     |        |  |          |  |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                             | 1 | 9.00 |      | 5.50 | 49.50  |     |        |  |          |  |
|    |       |                                                                                                                                                                                                                                                                                                                                                                                             | 1 | 3.00 |      | 2.50 | 7.50   |     |        |  |          |  |

[illegible]

|     |       |                                                                                                                                                                                                                                                       |   |       |      |       |        |      |         |          |
|-----|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|-------|--------|------|---------|----------|
| 1.5 |       | 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).                                                                                                                                                                      |   |       |      |       |        |      |         |          |
|     |       |                                                                                                                                                                                                                                                       | 1 | 30.40 | 0.20 | 0.05  | 0.30   |      |         |          |
|     |       |                                                                                                                                                                                                                                                       |   |       |      | Total | 0.30   | Cum  | 4073.00 | 1238.19  |
| 34  | 14.49 | Wall painting with premium emulsion (plastic) manufactured with the cow dung processing emulsion paint of required shade to give an even shade.                                                                                                       |   |       |      |       |        |      |         |          |
|     | 49.1  | On new work (two or more coats)                                                                                                                                                                                                                       |   |       |      |       | 265.49 | Sqm  | 69.00   | 18318.81 |
| 35  | 14.50 | Painting exterior surface with ACRYLIC SMOOTH exterior paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with:                                             |   |       |      |       |        |      |         |          |
|     | 50.1  | On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)                                                                                                               |   |       |      |       | 208.04 | Sqm  | 79.00   | 16435.16 |
| 36  | 14.51 | Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even.                                                                                                 |   |       |      |       | 473.53 | Sqm  | 101.00  | 47826.53 |
| 37  | 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 |   |       |      |       |        |      |         |          |
|     | 1.1   | White Long pattern W.C. pan of size 580 mm                                                                                                                                                                                                            |   |       |      |       |        |      |         |          |
|     |       |                                                                                                                                                                                                                                                       |   |       |      |       | 1.00   | each | 2459.00 | 2459.00  |
| 38  | 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:                                                                                                               |   |       |      |       |        |      |         |          |
|     | 13.1  | Flat back half stall urinal of size 460x380x250mm                                                                                                                                                                                                     |   |       |      |       |        |      |         |          |
|     |       |                                                                                                                                                                                                                                                       |   |       |      |       | 1.00   | each | 1776.00 | 1776.00  |

|    |       |                                                                                                                                                                                                                                                                                                                                             |  |  |  |       |       |         |         |
|----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------|-------|---------|---------|
| 39 | 18.20 | Providing and fixing stainless steel<br>304(18/8) wash basin with<br>C.I. brackets, 32 mm C.P. brass<br>waste of standard pattern,<br>including painting of brackets,<br>cutting and making good the walls<br>wherever required :                                                                                                           |  |  |  |       |       |         |         |
|    | 20.1  | Size 450x380 mm                                                                                                                                                                                                                                                                                                                             |  |  |  | 1.00  | each  | 3876.00 | 3876.00 |
| 40 | 18.25 | Providing and fixing flexible P.V.C.<br>waste pipe for sink or wash basin<br>including P.V.C. waste fittings<br>complete                                                                                                                                                                                                                    |  |  |  |       |       |         |         |
|    | 25.1  | 32 mm dia                                                                                                                                                                                                                                                                                                                                   |  |  |  | 1.00  | each  | 68.50   | 68.50   |
| 41 | 18.76 | Providing and fixing on wall face<br>or under floor UV stabilized<br>Unplasticised Rigid PVC pipes<br>(single socketed) having 3.2mm<br>wall thickness conforming to IS :<br>13592 (4kg/sqcm) including<br>required couplers, jointing with<br>seal ring conforming to IS : 5382<br>leaving 10 mm gap for thermal<br>expansion etc complete |  |  |  |       |       |         |         |
|    | 76.2  | 110 mm dia pipe.                                                                                                                                                                                                                                                                                                                            |  |  |  | 10.00 | metre | 267.00  | 2670.00 |
| 42 | 18.77 | Providing and fixing on wall face<br>UV stabilized Unplasticised - PVC<br>moulded fittings/ accessories<br>having 3.2mm wall thickness for<br>Rigid PVC pipes conforming to IS :<br>13592 (heavy) jointing with seal<br>ring conforming to IS : 5382<br>leaving 10 mm gap for thermal<br>expansion.                                         |  |  |  |       |       |         |         |
|    | 77.3  | Vent covel                                                                                                                                                                                                                                                                                                                                  |  |  |  |       |       |         |         |
|    | 3.2   | 110 mm                                                                                                                                                                                                                                                                                                                                      |  |  |  | 1.00  | Each  | 44.00   | 44.00   |
|    | 77.5  | "P" trap 110mmx110mm long                                                                                                                                                                                                                                                                                                                   |  |  |  | 1.00  | Each  | 227.00  | 227.00  |
|    | 77.6  | Nahani trap 110x75 mm                                                                                                                                                                                                                                                                                                                       |  |  |  | 1.00  | Each  | 90.50   | 90.50   |
| 43 | 19.5  | Providing and fixing Chlorinated<br>Polyvinyl Chloride (CPVC) pipes,<br>having thermal stability for hot &<br>cold water supply including all<br>CPVC plain & brass threaded<br>fittings                                                                                                                                                    |  |  |  |       |       |         |         |
|    | 5.1   | 15 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                             |  |  |  | 25.00 | metre | 133.00  | 3325.00 |
|    | 5.2   | 20 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                             |  |  |  | 15.00 | metre | 167.00  | 2505.00 |
|    | 5.4   | 32 mm nominal outer dia .Pipes                                                                                                                                                                                                                                                                                                              |  |  |  | 8.00  | metre | 284.00  | 2272.00 |
| 44 | 19.11 | Providing and fixing G.I. Union in<br>G.I. pipe (New work) including<br>cutting<br>and threading the pipe and making<br>long screws etc. complete:                                                                                                                                                                                          |  |  |  |       |       |         |         |
|    | 11.1  | 15 mm nominal bore                                                                                                                                                                                                                                                                                                                          |  |  |  | 3.00  | Each  | 85.00   | 255.00  |
|    | 11.2  | 25 mm nominal bore                                                                                                                                                                                                                                                                                                                          |  |  |  | 2.00  | Each  | 98.00   | 196.00  |

|    |       |                                                                                                                                                                                                                                                                                                           |  |  |  |  |         |       |        |         |
|----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---------|-------|--------|---------|
|    | 11.4  | 12 mm nominal bore                                                                                                                                                                                                                                                                                        |  |  |  |  | 1.00    | Each  | 148.00 | 148.00  |
| 45 | 19.13 | Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:                                                                                                                                                                                                                          |  |  |  |  |         |       |        |         |
|    | 13.2  | Bib cock (350 grams)                                                                                                                                                                                                                                                                                      |  |  |  |  | 1.00    | Each  | 237.00 | 237.00  |
|    | 13.3  | stop cock (350 grams)                                                                                                                                                                                                                                                                                     |  |  |  |  | 1.00    | Each  | 237.00 | 237.00  |
| 46 | 19.17 | Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :                                                                                                                                                                                         |  |  |  |  |         |       |        |         |
|    | 17.1  | 15 mm nominal bore                                                                                                                                                                                                                                                                                        |  |  |  |  | 1.00    | Each  | 284.00 | 284.00  |
|    | 17.3  | 25 mm nominal bore                                                                                                                                                                                                                                                                                        |  |  |  |  | 1.00    | Each  | 432.00 | 432.00  |
| 47 | 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 | litre | 7.30   | 7300.00 |
| 48 | 19.43 | Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same :                                                                                                                                                                                                              |  |  |  |  | 1.00    | Each  | 125.00 | 125.00  |
| 49 | 19.44 | Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof |  |  |  |  |         |       |        |         |
|    |       |                                                                                                                                                                                                                                                                                                           |  |  |  |  | 1.00    | Each  | 94.00  | 94.00   |
| 50 | 19.45 | Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.                                                                                                                                                                             |  |  |  |  |         |       |        |         |
|    |       |                                                                                                                                                                                                                                                                                                           |  |  |  |  | 48.00   | Each  | 46.00  | 2208.00 |

|                        |      |                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |       |       |         |         |  |
|------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------|-------|---------|---------|--|
| 51                     | 19.4 | Constructing masonry Chamber<br>30x50 cm, inside with modular<br>well burnt clay bricks of 35 kg/<br>cm <sup>2</sup> in cement mortar 1:4 (1<br>cement : 4 coarse<br>sand) for stop cock, with C. I.<br>surface box 100x100 x75 mm<br>(inside) with<br>hinged cover fixed in cement<br>concrete slab 1:2:4 mix                                            |  |  |  |  |       |       |         |         |  |
|                        |      |                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  | 1.00  | Each  | 754.00  | 754.00  |  |
| 52                     | 20.6 | Providing, lowering, laying,<br>aligning, fixing in position at and<br>jointing at all level/ depths ISI<br>marked HDPE pipes of PE-100<br>grade and PN 6 for sewer<br>application as                                                                                                                                                                     |  |  |  |  |       |       |         |         |  |
|                        | 6.2  | 150 mm dia                                                                                                                                                                                                                                                                                                                                                |  |  |  |  | 8.00  | metre | 771.00  | 6168.00 |  |
| 53                     | 20.7 | Constructing brick masonry<br>manhole with well burnt modular<br>clay bricks crushing strength not<br>less than 35kg/cm <sup>2</sup> in cement<br>mortar 1:4 ( 1 cement<br>: 4 coarse sand), R.C.C. top slab<br>with 1:2:4 mix (1 cement : 2 coarse<br>sand : 4 graded stone aggregate<br>20 mm nominal size), foundation<br>in cement concrete 1:4:8 mix |  |  |  |  |       |       |         |         |  |
|                        | 7.1  | Inside size 90x80 cm and 45 cm<br>deep including C.I. cover with<br>frame (light duty) 455x610 mm<br>internal dimensions total weight of<br>cover and frame to be not less<br>than 38 kg                                                                                                                                                                  |  |  |  |  |       |       |         |         |  |
|                        |      |                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  | 1.00  | Each  | 6703.00 | 6703.00 |  |
| <b>ELECTRICAL PART</b> |      |                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |       |       |         |         |  |
| 54                     | 3.1  | Wiring for light/ fan/ exhaust fan /<br>call bell point with 1.5<br>sqmm FR PVC insulated stranded<br>copper conductor single core cable<br>in concealed PVC conduit, with 5<br>amp piano type switch, phenolic<br>laminated sheet, suitable size M.S.<br>box and earthing the point with<br>same size cable etc as required.                             |  |  |  |  |       |       |         |         |  |
|                        | 1.1  | Short Point                                                                                                                                                                                                                                                                                                                                               |  |  |  |  | 8.00  | Point | 236.00  | 1888.00 |  |
|                        | 1.2  | Medium Point                                                                                                                                                                                                                                                                                                                                              |  |  |  |  | 10.00 | Point | 388.00  | 3880.00 |  |
|                        | 1.3  | Long Point                                                                                                                                                                                                                                                                                                                                                |  |  |  |  | 8.00  | Point | 553.00  | 4424.00 |  |

|    |       |                                                                                                                                                                                                                                                            |  |  |  |  |       |       |         |         |
|----|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------|-------|---------|---------|
| 55 | 3.9   | Extra for providing and fixing light point on board in concealed PVC conduit point wiring with modular type 3 pin 5 amp socket outlet and 5 amp switch including cost of base and cover plate and G. I. box etc. as required.                              |  |  |  |  | 2.00  | Point | 240.00  | 480.00  |
| 56 | 3.13  | Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.                                                                           |  |  |  |  |       |       |         |         |
|    | 13.11 | 6 X 2.5 sq. mm in 25mm conduit                                                                                                                                                                                                                             |  |  |  |  | 10.00 | Mtr   | 172.00  | 1720.00 |
|    | 13.3  | 6 X 2.5 sq. mm in 25mm conduit                                                                                                                                                                                                                             |  |  |  |  | 8.00  | Mtr   | 172.00  | 1376.00 |
| 57 | 7.1   | Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as required.                                                                                                      |  |  |  |  |       |       |         |         |
|    | 1.12  | Fan regulator Electronic, step type moving all round                                                                                                                                                                                                       |  |  |  |  | 6.00  | Each  | 178.00  | 1068.00 |
| 58 | 8.1   | Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required. |  |  |  |  |       |       |         |         |
|    | 1.3   | 1400 mm sweep                                                                                                                                                                                                                                              |  |  |  |  | 6.00  | Each  | 1637.00 | 9822.00 |
| 59 | 8.6   | Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as required.                                                       |  |  |  |  |       |       |         |         |
|    | 6.1   | 300 mm sweep                                                                                                                                                                                                                                               |  |  |  |  | 1.00  | Each  | 2558.00 | 2558.00 |
| 60 | 8.11  | Supplying, installation, testing and commissioning of following T-5 fluorescent fitting (luminaries) complete with electronic ballast but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.                       |  |  |  |  |       |       |         |         |
|    | 11.1  | Single box type with decorative end caps                                                                                                                                                                                                                   |  |  |  |  | 2.00  | Each  | 635.00  | 1270.00 |

|    |       |                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |      |      |         |         |
|----|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|------|------|---------|---------|
| 61 | 8.11  | Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as                                                                                                                                                                                                             |  |  |  |  |      |      |         |         |
|    | 18.7  | 26 Watt                                                                                                                                                                                                                                                                                                                            |  |  |  |  | 2.00 | Each | 289.00  | 578.00  |
|    | 18.11 | 85 Watt                                                                                                                                                                                                                                                                                                                            |  |  |  |  | 2.00 | Each | 907.00  | 1814.00 |
| 62 | 8.19  | Supplying, fixing, testing and commissioning of following CFL without ballast in existing CFL lighting luminaries as required.                                                                                                                                                                                                     |  |  |  |  |      |      |         |         |
|    | 19.5  | 36W CFL (without choke)                                                                                                                                                                                                                                                                                                            |  |  |  |  | 5.00 | Each | 176.00  | 880.00  |
| 63 | 8.29  | Supplying, installation, testing and commissioning of following 230/250 volts CFL street light fitting with perplex cover on pole bracket complete but without lamp as required.                                                                                                                                                   |  |  |  |  |      |      |         |         |
|    | 29.2  | 85 watt                                                                                                                                                                                                                                                                                                                            |  |  |  |  | 1.00 | Each | 1407.00 | 1407.00 |
| 64 | 8.34  | Supplying, fixing, testing and commissioning of following 230/250 volts metal halide lamp in existing lighting luminaries fixed on pole/ wall/ roof etc as required.                                                                                                                                                               |  |  |  |  |      |      |         |         |
|    | 34.3  | 250 watt (T)                                                                                                                                                                                                                                                                                                                       |  |  |  |  | 1.00 | Each | 1403.00 | 1403.00 |
| 65 | 9.11  | Providing and fixing porcelain re-wireble fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as required. (Thimbeling shall be paid separately).                                                                                                                           |  |  |  |  |      |      |         |         |
|    | 11.3  | 63 amps                                                                                                                                                                                                                                                                                                                            |  |  |  |  | 1.00 | Each | 157.00  | 157.00  |
| 66 | 11.2  | Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board of sheet steel phosphatized and powder painted complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator) |  |  |  |  |      |      |         |         |
|    | 2.1   | 4 way, Single door                                                                                                                                                                                                                                                                                                                 |  |  |  |  | 1.00 | Each | 602.00  | 602.00  |
| 67 | 11.12 | Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                             |  |  |  |  |      |      |         |         |
|    | 12.3  | 40 amps                                                                                                                                                                                                                                                                                                                            |  |  |  |  | 1.00 | Each | 684.00  | 684.00  |

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|----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------|------|---------|---------|
| 68 | 11.1  | Supplying and fixing SP MCB, 240<br>'C' curve, suitable for<br>inductive load in the existing MCB<br>DB complete with connections,<br>testing and commissioning etc. as<br>required.                                                                                                                                              |  |  |  |       |      |         |         |
|    | 11.2  | 6 amps to 32 amps                                                                                                                                                                                                                                                                                                                 |  |  |  | 3.00  | Each | 154.00  | 462.00  |
| 69 | 14.2  | Earthing with G.I. earth pipe 4.5<br>metre long, 40 mm dia including<br>accessories, and providing<br>masonry enclosure with cover<br>plate having locking arrangement<br>and watering pipe etc. with<br>charcoal and salt as required.                                                                                           |  |  |  | 1.00  | Set  | 3454.00 | 3454.00 |
| 70 | 14.19 | Providing and fixing 6 SWG dia G.I.<br>wire on surface or in<br>recess for loop earthing along with<br>existing surface/<br>concealed conduit/ submain<br>wiring/ cable as required.                                                                                                                                              |  |  |  | 8.00  | Mtr  | 20.50   | 164.00  |
| 71 | 17.8  | Supplying and laying following<br>sizes one number PVC<br>insulated/ XLPE, PVC sheathed,<br>unarmoured, aluminium<br>conductor power cable of 1.1 KV<br>grade on surface/ existing cable<br>tray with 1 mm thick GI saddle as<br>required.                                                                                        |  |  |  |       |      |         |         |
|    | 8.2   | 2 x 10 sq. mm                                                                                                                                                                                                                                                                                                                     |  |  |  | 12.00 | Mtr  | 88.00   | 1056.00 |
|    | 8.13  | 4 x 10 sq. mm.                                                                                                                                                                                                                                                                                                                    |  |  |  | 14.00 | Mtr  | 108.00  | 1512.00 |
| 72 | 21.15 | Supplying and fixing of 32mm dia<br>x 2 metre long G.I pipe<br>(light) bracket for mounting street<br>light fittings of all types<br>on poles including bending the<br>pipe to the required shape, 2 Nos<br>40x3mm flat iron clamps with<br>bolts and nuts including wiring<br>with 1.5 sq. mm W.P /PVC wire etc.<br>as required. |  |  |  | 1.00  | Each | 823.00  | 823.00  |
|    |       |                                                                                                                                                                                                                                                                                                                                   |  |  |  |       |      |         |         |
|    |       |                                                                                                                                                                                                                                                                                                                                   |  |  |  |       |      |         |         |

As per Estimate Amount Rs.  
Say Rs.

1000023.17

10,00,000

Sub Er.  
Nagar Palik Nigam  
Korba

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