

# कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 96 / निर्माण / 2022

सिस्टम टेंडर नं. 113762

कोरबा दिनांक 04.11.2022

## 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 सड़क कार्य हेतु दिनांक 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदाएं आमंत्रित की जाती हैं :-

| क्र. | कार्य का नाम  | प्राक्कलन राशि<br>(लाख में) | धरोहर राशि | कार्यावधि                 | ठेकेदार का वर्ग          | निविदा खुलने की तिथि |
|------|---|-----------------------------|------------|---------------------------|--------------------------|----------------------|
| 1    | कोरबा जोन अंतर्गत सुनालिया चौक से सीतामणी चौक तक, आर.एस.एस.नगर जोन अंतर्गत मैग्जिन भाठा से बिरसा मुण्डा तक एवं बांकी मोंगरा जोन अंतर्गत विभिन्न स्थानों पर बी.टी. रोड निर्माण कार्य | 298.56                      | 225000/-   | 06 माह (वर्षा ऋतु छोड़कर) | वर्ग बी एवं प्रवर श्रेणी | 22.11.2022 से .....  |

- 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।
- 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।
- इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
- सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- निविदा उन्हीं ठेकेदारों को प्रदाय किये जावेंगे जो कि कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो अन्यथा निविदा प्रदाय नहीं किया जावेगा।
- 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 वैध शपथपत्र देना अनिवार्य होगा।
- 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।
- सशर्त निविदा स्वीकार नहीं की जावेगी। निविदा उन्हीं ठेकेदारों को दी जाएगी जिन्हें इस प्रकार के कार्य का अनुभव हो।
- निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
- निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
- अन्य सूचनाएं नगर पालिक निगम, साकेत भवन रामपुर कोरबा कार्यालय में प्राप्त की जा सकती हैं।
- बिना कारण बताये निविदा स्वीकृत/अस्वीकृत या पूर्ण रूप से अमान्य करने का अधिकार सक्षम अधिकारी/प्राधिकारी को रहेगा।
- डामरीकरण कार्य का निविदा प्रपत्र कय करते समय ठेकेदार को स्वयं के स्वामित्व के आटोमेटिक ड्रम मिक्स प्लांट, रोलर एवं अन्य मशीनरी, हॉट मिक्स प्लांट, पेवर फिनिशर एवं रोड रोलर आदि मशीनों के प्रमाण पत्र आवेदन के साथ संलग्न करना आवश्यक होगा तथा निविदाकार का 60 किमी. की परिधि में हॉल मिक्स प्लांट होना आवश्यक है।
- ठेकेदार द्वारा 60/70 ग्रेड का डामर IOC, BPCL, HPCI से ही कय कर लगाना होगा। ठेकेदार को तेल कंपनी को दी जाने वाली प्रदाय आदेश की प्रतिलिपि इस कार्यालय को देनी होगी।
- कार्य में प्रयुक्त डामर खरीदी के देयक (बिल) कार्यालय में प्रस्तुत करने पर ही भुगतान किया जायेगा।
- जब निविदा के दरों में असामान्य कमी प्रतीत हो तब सफल निविदादाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी, जबकि निविदा की दरों में काफी कमी हो, जैसे निविदादाता को अनुमानित लागत से 10 प्रतिशत से कम निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत के अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर. पोस्ट ऑफिस टाईम डिपॉजिट, एन.एस.सी. जो कि संबंधित निकाय के आयुक्त/मुख्य नगर पालिका अधिकारी के नाम से देय होगा, जमा कराना अनिवार्य होगा उपरोक्त राशि को जमा न कराने की दशा में निविदा निरस्त कर दी जावेगी।

प्रतिलिपि-

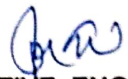
प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, रायपुर को uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

कार्यपालन अभियंता  
नगर पालिक निगम  
कोरबा (छत्तीसगढ़)



### Date-Time Detail(s)

| Seq. No. | Nagar Nigam Stage | Contractor Stage | Start    |       | Expiry   |       | Remarks        |
|----------|-------------------|------------------|----------|-------|----------|-------|----------------|
|          |                   |                  | Date     | Time  | Date     | Time  |                |
| 1        | Release Tender    |                  | 04.11.22 | 17.30 | 04.11.22 | 17.30 | Release Tender |
| 2        |                   | Bid Submission   | 04.11.22 | 17.30 | 21.11.22 | 17.30 |                |
| 3        | Tender Open       |                  | 22.11.22 | 10.30 | --       | --    |                |

  
EXECUTIVE ENGINEER  
KORBA (CG)

For, Commissioner Korba (C.G.)



# OFFICE OF THE MUNICIPAL CORPORATION, KORBA

## ABSTRACT


**Name of Work: Construction of B.T. Road From MajginBhata RSS Nagar To Birsa Munda Nagar**

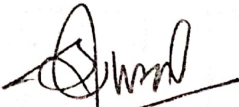
SOR :SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]

| Sl. No. | DESCRIPTION   | N | L | B | H/D | QTY     | UNIT | RATE    | AMOUNT     |
|---------|---|---|---|---|-----|---------|------|---------|------------|
| 1       | Excavation in Soil (by Mechanical Means.)<br>Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.  |   |   |   |     | 2227.50 |      |         |            |
|         |   |   |   |   |     | 2227.50 | CUM  | 95.00   | 211612.50  |
| 3       | Removal of Unserviceable Soil with Disposal up to 1000 meters including loading and unloading.  |   |   |   |     | 2089.20 | CUM  | 85.00   | 177582.00  |
| 5       | Construction of sub-grade with Material Obtained from Borrow Pits/Borrow Area (Construction of sub-grade with approved material/selected soil having C.B.R.>8 (unless specified otherwise in the contract) obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2)  |   |   |   |     | 2227.50 |      |         |            |
|         |   |   |   |   |     | 2227.50 | CUM  | 250.00  | 556875.00  |
| 6       | Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.) |   |   |   |     | 1485.00 |      |         |            |
|         |   |   |   |   |     | 60.00   |      |         |            |
|         | <b>Total</b>  |   |   |   |     | 1545.00 | Cum  | 1434.00 | 2215530.00 |
| 7       | Tack coat Providing and applying tack coat with bitumen emulsion(RS-1, grade conforming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.  |   |   |   |     |         |      |         |            |
|         | Granular surfaces treated with primes @ 0.30 kg /Sqm  |   |   |   |     | 5940.00 |      |         |            |
|         |   |   |   |   |     | 200.00  |      |         |            |
|         | <b>Total</b>  |   |   |   |     | 6140.00 | Sqm  | 17.00   | 104380.00  |
|         | Bituminous surface @ 0.25 kg /Sqm   |   |   |   |     | 5346.00 |      |         |            |
|         |   |   |   |   |     | 190.00  |      |         |            |
|         |   |   |   |   |     | 5536.00 | Sqm  | 15.00   | 83040.00   |

| DESCRIPTION  | N | L | B | H/D | QTY     | UNIT  | RATE    | AMOUNT     |
|--|---|---|---|-----|---------|-------|---------|------------|
| Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported and laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)   |   |   |   |     |         |       |         |            |
| B With mechanical paver finisher   |   |   |   |     |         |       |         |            |
| (ii) for Grading-II(19 mm nominal maximum size, bitumen content 3.40%  |   |   |   |     |         |       |         |            |
| Extra For Turning/ Chwok/Colony Road Junction  |   |   |   |     | 267.30  |       |         |            |
|  |   |   |   |     | 9.50    |       |         |            |
|  |   |   |   |     | 276.80  | Cum   | 6255.00 | 1731384.00 |
| Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508) |   |   |   |     |         |       |         |            |
| B. With mechanical paver finisher  |   |   |   |     |         |       |         |            |
| With bitumen   |   |   |   |     |         |       |         |            |
| Type B ( 13.2 mm to 0.09 mm size aggregates )  |   |   |   |     |         |       |         |            |
|  |   |   |   |     | 5346.00 |       |         |            |
|  |   |   |   |     | 190.00  |       |         |            |
|  |   |   |   |     | 5536.00 | Sqm   | 146.00  | 808256.00  |
| Excavation for Structures (Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.)  |   |   |   |     |         |       |         |            |
|  |   |   |   |     | 32.40   |       |         |            |
|  |   |   |   |     | 64.80   |       |         |            |
|  |   |   |   |     | 97.20   | Cum   | 146.00  | 14191.20   |
| Providing and laying Reinforced Cement Concrete pipe NP 3 /prestressed concrete pipe on first class bedding. (Laying Reinforced cement concrete pipe NP3 /prestressed concrete pipe for culverts on first class bedding of granular material including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets)  |   |   |   |     |         |       |         |            |
| 600 mm dia   |   |   |   |     | 32.00   |       |         |            |
|  |   |   |   |     | 32.00   | Meter | 2617.00 | 83744.00   |
| 1000 mm dia  |   |   |   |     |         |       |         |            |
|  |   |   |   |     | 32.00   |       |         |            |
|  |   |   |   |     | 32.00   | Meter | 5528.00 | 176896.00  |
| Plain cement concrete complete as per drawing and Technical Specifications   |   |   |   |     |         |       |         |            |
| PCC Grade M 15   |   |   |   |     |         |       |         |            |

| DESCRIPTION   | N | L | B | H/D | QTY   | UNIT | RATE    | AMOUNT     |
|---------------|---|---|---|-----|-------|------|---------|------------|
|               |   |   |   |     | 2.24  |      |         |            |
|               |   |   |   |     | 3.52  |      |         |            |
|               |   |   |   |     | 2.88  |      |         |            |
|               |   |   |   |     | 2.88  |      |         |            |
| PCC 1:4 M 20  |   |   |   |     | 11.52 | Cum  | 3768.00 | 43407.36   |
|               |   |   |   |     | 24.00 |      |         |            |
|               |   |   |   |     | 46.20 |      |         |            |
|               |   |   |   |     | 70.20 | Cum  | 4174.00 | 293014.80  |
| Total Ammount |   |   |   |     |       |      |         | 6499912.86 |
| SAY AS        |   |   |   |     |       |      |         | 6500000.00 |

  
 Sub Engineer  
 Municipal Corporation  
 Korba (C.G.)

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

  
 Executive Engineer  
 Municipal Corporation  
 Korba (C.G.)

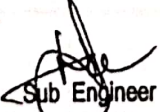
**OFFICE OF THE MUNICIPAL CORPORATION, KORBA ( C.G.)**  
**ABSTRACT**

As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]  
CONSTRUCTION OF BT ROAD FROM SUNALIYA CHOWK TO SITAMANI CHOWK WARD NO. 11

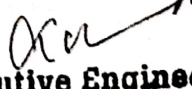
| S.N | REF  | ITEM DESCRIPTION   | UNIT | QTY     | RATE    | AMOUNT       |
|-----|------|--|------|---------|---------|--------------|
| 1   | 5.2  | Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503.  |      |         |         |              |
|     | (i)  | Bituminous surface @ 0.25 kg /Sqm  | Sqm  | 38525   | 15.00   | 577,875.00   |
| 2   | 5.3  | Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)   |      |         |         |              |
|     | B    | With mechanical paver finisher   |      |         |         |              |
|     | (ii) | for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)  | Cum  | 400.00  | 6255.00 | 2,502,000.00 |
| 3   | 5.8  | Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508) |      |         |         |              |
|     | II.  | With mechanical paver finisher   |      |         |         |              |
|     | A    | With bitumen   |      |         |         |              |
|     | ii)  | Type B ( 13.2 mm to 0.09 mm size aggregates )  | Sqm  | 30525   | 146.00  | 4,456,650.00 |
| 4   | NS-1 | Road Marking with Hot Applied Thermoplastic Compound with Reflectorizing Glass Beads on Bituminous Surface (p/l of hot applied thermoplastic compound 2.5 mm thick i/c reflectorizing glass beads @ 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35-1997. The finished surface to be level, uniform and free from streaks & holes.)   | SQM  | 1159.42 | 707.00  | 819,709.94   |

As per Estimate Amount Rs. 8356234.94

By Rs 83,56,234.94

  
Sub Engineer  
Nagar Palik Nigam,  
Korba

  
Aast. Engineer  
Nagar Palik Nigam,  
Korba

  
Executive Engineer,  
Municipal Corporation  
KORBA ( C. G.)

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

Tarring of Road at Various Places of <sup>Gajra</sup> Ward No. 67

*Bankimongra*

Schedule of rates public works department [PWD ROAD- 01-01-2015]

| S. N. | SOR Ref. | DESCRIPTION   | NO | L       | B      | D/H      | QTY     | UNIT     | RATE      | AMOUNT |
|-------|----------|---|----|---------|--------|----------|---------|----------|-----------|--------|
| 1     | 3.11     | Scarifying existing bituminous surface to a depth of 50 mm (Scarifying the existing bituminous road surface to a depth of 50mm and disposal of scarified material with in all lifts and lead up to 1000 meters) as per clause 305.4.3.    |    |         |        |          |         |          |           |        |
|       |          | Sumedha Culvert to Gajra Pani Tanki Modh  | 1  | 1430.00 | 3.00   |          | 4290.00 |          |           |        |
|       |          | CISF Camp to SECL Hospital  | 1  | 328.00  | 3.00   |          | 984.00  |          |           |        |
|       |          | Shakti Chowk to Banwari Side Basti Road   | 1  | 594.00  | 2.80   |          | 1663.20 |          |           |        |
|       |          | Shakti Chowk to Gajra-Bankimongra Main Road   | 1  | 872.00  | 3.00   |          | 2616.00 |          |           |        |
|       |          | Shakti Chowk to Gajra Side Basti Road   | 1  | 880.00  | 3.00   |          | 2640.00 |          |           |        |
|       |          | Gajra School to Gajra Chowk   | 1  | 582.00  | 2.80   |          | 1629.60 |          |           |        |
|       |          | Gajra Chowk Modh to Gajra Pani Tanki Chowk Road   | 1  | 618.00  | 3.00   |          | 1854.00 |          |           |        |
|       |          | Gajra Chowk Modh to Gajra Colony Modh   | 1  | 768.00  | 3.00   |          | 2304.00 |          |           |        |
|       |          |   | 1  | 25.00   | 8.00   |          | 200.00  |          |           |        |
|       |          |   | 1  | 15.00   | 6.40   |          | 96.00   |          |           |        |
|       |          |   |    |         |        |          | Total=  | 18276.80 | Sqm       | 23.00  |
| 2     | 5.2      | Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503. |    |         |        |          |         |          |           |        |
|       |          | (i) Bituminous surface @ 0.25 kg /Sqm   |    |         |        |          |         |          |           |        |
|       |          | Sumedha Culvert to Gajra Pani Tanki   | 2  | 1430.00 | 3.00   |          | 8580.00 |          |           |        |
|       |          | CISF Camp to SECL Hospital  | 2  | 328.00  | 3.00   |          | 1968.00 |          |           |        |
|       |          | Shakti Chowk to Banwari Side Basti Road   | 2  | 594.00  | 2.80   |          | 3326.40 |          |           |        |
|       |          | Shakti Chowk to Gajra-Bankimongra Main  | 2  | 872.00  | 3.00   |          | 5232.00 |          |           |        |
|       |          | Shakti Chowk to Gajra Side Basti Road   | 2  | 880.00  | 3.00   |          | 5280.00 |          |           |        |
|       |          | Gajra School to Gajra Chowk   | 2  | 582.00  | 2.80   |          | 3259.20 |          |           |        |
|       |          | Gajra Chowk Modh to Gajra Pani Tanki  | 2  | 618.00  | 3.00   |          | 3708.00 |          |           |        |
|       |          | Gajra Chowk Modh to Gajra Colony Modh   | 2  | 768.00  | 3.00   |          | 4608.00 |          |           |        |
|       |          |   | 2  | 25.00   | 8.00   |          | 400.00  |          |           |        |
|       |          |   | 2  | 15.00   | 6.40   |          | 192.00  |          |           |        |
|       |          |   |    |         | Total= | 36553.60 | Sqm     | 15.00    | 548304.00 |        |

|   |      |   |   |         |      |        |         |     |            |
|---|------|---|---|---------|------|--------|---------|-----|------------|
| 3 | 5.1  | Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502.  |   |         |      |        |         |     |            |
|   | (i)  | On WBM/WMM surface @0.85 Kg/sqm.  |   |         |      |        |         |     |            |
|   |      | Sumedha Culvert to Gajra Pani Tanki   | 1 | 392.00  | 3.00 |        | 1176.00 |     |            |
|   |      |   | 2 | 1200.00 | 1.50 |        | 3600.00 |     |            |
|   |      | CISF Camp to SECL Hospital  | 1 | 150.00  | 3.00 |        | 450.00  |     |            |
|   |      | Shakti Chowk to Banwari Side Basti Road   | 1 | 124.00  | 2.80 |        | 347.20  |     |            |
|   |      | Shakti Chowk to Gajra Side Basti Road   | 1 | 280.00  | 2.80 |        | 784.00  |     |            |
|   |      | Gajra School to Gajra Chowk   | 1 | 100.00  | 2.80 |        | 280.00  |     |            |
|   |      | Gajra Chowk Modh to Gajra Colony Modh   | 1 | 260.00  | 2.80 |        | 728.00  |     |            |
|   |      | Gajra Chowk Modh to Gajra Pani Tanki  | 1 | 241.50  | 2.80 |        | 676.20  |     |            |
|   |      |   | 1 | 25.00   | 8.00 |        | 200.00  |     |            |
|   |      |   | 1 | 15.00   | 6.40 |        | 96.00   |     |            |
|   |      |   |   |         |      | Total= | 8337.40 | Sqm | 64.00      |
|   |      |   |   |         |      |        |         |     | 533593.60  |
| 4 | 4.10 | Wet Mix Macadam (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406.) |   |         |      |        |         |     |            |
|   |      | Sumedha Culvert to Gajra Pani Tanki Modh  | 1 | 392.00  | 3.00 | 0.20   | 235.20  |     |            |
|   |      |   | 2 | 1200.00 | 1.50 | 0.40   | 1440.00 |     |            |
|   |      | CISF Camp to SECL Hospital  | 1 | 150.00  | 3.00 | 0.15   | 67.50   |     |            |
|   |      | Shakti Chowk to Banwari Side Basti Road   | 1 | 124.00  | 2.80 | 0.20   | 69.44   |     |            |
|   |      | Shakti Chowk to Gajra Side Basti Road   | 1 | 280.00  | 2.80 | 0.15   | 117.60  |     |            |
|   |      | Gajra School to Gajra Chowk   | 1 | 100.00  | 2.80 | 0.15   | 42.00   |     |            |
|   |      | Gajra Chowk Modh to Gajra Colony Modh   | 1 | 260.00  | 2.80 | 0.15   | 109.20  |     |            |
|   |      | Gajra Chowk Modh to Gajra Pani Tanki Chowk Road   | 1 | 241.50  | 2.80 | 0.20   | 135.24  |     |            |
|   |      |   | 1 | 25.00   | 8.00 | 0.15   | 30.00   |     |            |
|   |      |   | 1 | 15.00   | 6.40 | 0.15   | 14.40   |     |            |
|   |      |   |   |         |      | Total= | 2260.58 | Cum | 1434.00    |
|   |      |   |   |         |      |        |         |     | 3241671.72 |




|   |      |  |   |         |      |      |         |         |     |         |            |  |  |
|---|------|--|---|---------|------|------|---------|---------|-----|---------|------------|--|--|
| 5 | 5.3  | Bituminous Macadam (Providing and laying bituminous macadam as per clause 504 with mixed prepared in minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction)   |   |         |      |      |         |         |     |         |            |  |  |
|   | B    | With mechanical paver finisher   |   |         |      |      |         |         |     |         |            |  |  |
|   | (ii) | for Grading-II(19 mm nominal maximum size, bitumen content 3.40%)  |   |         |      |      |         |         |     |         |            |  |  |
|   |      | Sumedha Culvert to Gajra Pani Tanki Modh   | 1 | 1430.00 | 3.00 | 0.05 | 214.50  |         |     |         |            |  |  |
|   |      |  | 2 | 1200.00 | 1.50 | 0.05 | 180.00  |         |     |         |            |  |  |
|   |      | CISF Camp to SECL Hospital   | 1 | 328.00  | 3.00 | 0.05 | 49.20   |         |     |         |            |  |  |
|   |      | Shakti Chowk to Banwari Side Basti Road  | 1 | 594.00  | 2.80 | 0.05 | 83.16   |         |     |         |            |  |  |
|   |      | Shakti Chowk to Gajra-Bankimongra Main Road  | 1 | 872.00  | 3.00 | 0.05 | 130.80  |         |     |         |            |  |  |
|   |      | Shakti Chowk to Gajra Side Basti Road  | 1 | 880.00  | 3.00 | 0.05 | 132.00  |         |     |         |            |  |  |
|   |      | Gajra School to Gajra Chowk  | 1 | 582.00  | 2.80 | 0.05 | 81.48   |         |     |         |            |  |  |
|   |      | Gajra Chowk Modh to Gajra Pani Tanki Chowk Road  | 1 | 618.00  | 3.00 | 0.05 | 92.70   |         |     |         |            |  |  |
|   |      | Gajra Chowk Modh to Gajra Colony Modh  | 1 | 768.00  | 3.00 | 0.05 | 115.20  |         |     |         |            |  |  |
|   |      |  | 1 | 25.00   | 8.00 | 0.05 | 10.00   |         |     |         |            |  |  |
|   |      |  | 1 | 15.00   | 6.40 | 0.05 | 4.80    |         |     |         |            |  |  |
|   |      |  |   |         |      |      | Total=  | 1093.84 | Cum | 6255.00 | 6841969.20 |  |  |
| 6 | 5.8  | Close Graded Premix Surfacing/Mixed Seal Surfacing (Mechanical means using minimum 40-60 TPH capacity of HMP. Providing, laying and rolling of close graded premix surfacing material of 20 mm thickness using bitumen to the required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity, and finishing to required level and grade, complete as per clause 508) |   |         |      |      |         |         |     |         |            |  |  |
|   | II   | With mechanical paver finisher   |   |         |      |      |         |         |     |         |            |  |  |
|   | A    | With bitumen   |   |         |      |      |         |         |     |         |            |  |  |
|   | (ii) | Type B ( 13.2 mm to 0.09 mm size aggregates )  |   |         |      |      |         |         |     |         |            |  |  |
|   |      | Sumedha Culvert to Gajra Pani Tanki Modh   | 1 | 1430.00 | 3.00 |      | 4290.00 |         |     |         |            |  |  |
|   |      |  | 2 | 1200.00 | 1.50 |      | 3600.00 |         |     |         |            |  |  |
|   |      | CISF Camp to SECL Hospital   | 1 | 328.00  | 3.00 |      | 984.00  |         |     |         |            |  |  |
|   |      | Shakti Chowk to Banwari Side Basti Road  | 1 | 594.00  | 2.80 |      | 1663.20 |         |     |         |            |  |  |
|   |      | Shakti Chowk to Gajra-Bankimongra Main Road  | 1 | 872.00  | 3.00 |      | 2616.00 |         |     |         |            |  |  |
|   |      | Shakti Chowk to Gajra Side Basti Road  | 1 | 880.00  | 3.00 |      | 2640.00 |         |     |         |            |  |  |

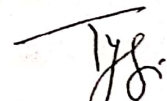
|    |     |   |   |         |      |        |          |     |        |            |
|----|-----|---|---|---------|------|--------|----------|-----|--------|------------|
|    |     | Gajra School to Gajra Chowk   | 1 | 582.00  | 2.80 |        | 1629.60  |     |        |            |
|    |     | Gajra Chowk Modh to Gajra Pani Tanki Chowk Road   | 1 | 618.00  | 3.00 |        | 1854.00  |     |        |            |
|    |     | Gajra Chowk Modh to Gajra Colony Modh   | 1 | 768.00  | 3.00 |        | 2304.00  |     |        |            |
|    |     |   | 1 | 25.00   | 8.00 |        | 200.00   |     |        |            |
|    |     |   | 1 | 15.00   | 6.40 |        | 96.00    |     |        |            |
|    |     |   |   |         |      | Total= | 21876.80 | Sqm | 146.00 | 3194012.80 |
| 7  | 2.4 | Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead up to 1000 meters and as per relevant clauses of section-200 in |   |         |      |        |          |     |        |            |
|    | (i) | Lime / Cement Concrete  |   |         |      |        |          |     |        |            |
|    | B   | Cement Concrete Grade M-15 & M-20   |   |         |      |        |          |     |        |            |
|    |     |   | 2 | 5.00    | 1.50 | 0.30   | 4.50     |     |        |            |
|    |     |   | 2 | 5.00    | 2.00 | 0.30   | 6.00     |     |        |            |
|    |     |   |   |         |      | Total= | 10.50    | Cum | 193.00 | 2026.50    |
| 8  | 9.1 | Excavation for Structures (Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.)   |   |         |      |        |          |     |        |            |
|    |     | Ordinary soil upto 3 m depth  |   |         |      |        |          |     |        |            |
|    |     |   | 2 | 5.00    | 1.50 | 0.30   | 4.50     |     |        |            |
|    |     |   | 2 | 5.00    | 2.00 | 0.35   | 7.00     |     |        |            |
|    |     |   | 2 | 1165.00 | 1.65 | 0.20   | 768.90   |     |        |            |
|    |     |   |   |         |      | Total= | 780.40   | Cum | 118.00 | 92087.20   |
| 9  | 9.7 | Providing 1 st class bedding below pipes with graded sand or other granular materials passing through 5.6 mm sieve as per clause 2904.  |   |         |      |        |          |     |        |            |
|    |     |   | 2 | 5.00    | 1.50 | 0.20   | 3.00     |     |        |            |
|    |     |   | 2 | 5.00    | 2.00 | 0.20   | 4.00     |     |        |            |
|    |     |   |   |         |      | Total= | 6.30     | Cum | 521.00 | 3282.30    |
| 10 | 9.2 | PCC 1:3:6 in Foundation (Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.)   |   |         |      |        |          |     |        |            |
|    |     |   | 2 | 5.00    | 1.50 | 0.15   | 2.25     |     |        |            |

|      |  |   |       |      |        |       |     |         |             |
|------|--|---|-------|------|--------|-------|-----|---------|-------------|
|      |  | 2 | 5.00  | 2.00 | 0.15   | 3.00  |     |         |             |
|      |  |   |       |      | Total= | 5.25  | Cum | 2817.00 | 14789.25    |
| 6.6  | Providing and laying cement concrete for plain concrete/ reinforced concrete i/c form work, shuttering complete in as per drawings and specifications.( For Village roads and ODR )  |   |       |      |        |       |     |         |             |
| (ii) | P.C.C. M-20  |   |       |      |        |       |     |         |             |
|      |  | 2 | 5.00  | 1.50 | 0.25   | 3.75  |     |         |             |
|      |  | 2 | 5.00  | 2.00 | 0.25   | 5.00  |     |         |             |
|      |  |   |       |      | Total= | 8.75  | Cum | 3511.00 | 30721.25    |
| 12   | 9.6 Providing and laying Reinforced Cement Concrete pipe NP 3 / prestressed concrete pipe. (Laying Reinforced cement concrete pipe NP3 /prestressed concrete pipe for culverts including fixing collar with cement mortar 1:2 but excluding bedding below pipes, excavation, protection works, backfilling, concrete and masonry works in head walls and parapets .) |   |       |      |        |       |     |         |             |
|      | <b>B</b> 600 mm dia  | 1 | 15.00 |      |        | 15.00 | m   | 2096.00 | 31440.00    |
|      | <b>C</b> 900 mm dia  | 1 | 17.60 |      |        | 17.60 | m   | 2595.00 | 45672.00    |
|      |  |   |       |      |        |       |     | TOTAL=  | 14999936.22 |

Say Rs. = 15000000.00

  
Sub Engineer  
Municipal Corporation  
Korba (C.G.)

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

  
Executive Engineer  
Municipal Corporation  
Korba (C.G.)