

OFFICE OF MUNICIPAL CORPORATION KORBA

Notice Inviting Tender

NITNo:414/2026

Korba, Dated 07.09.2026

Commissioner, Municipal Corporation Korba invites online Tenders on behalf of Municipal Corporation Korba on Form "A" for respective applicable Schedule of Rates And Item Rates from eligible class registered contractors in "unified Registration system e-Registration" PWD Chhattisgarh on Govt. of-C.G. e-Procurement System (<http://eproc.cgstate.gov.in>)

1	System Tender No.	198652 (1st Call)
2	Name of Work/Description of Work	CONSTRUCTION OF CC ROAD OF BALCO MAIN ROAD (DENGUNALA CROSSING) TO DARRI MAIN ROAD
3	Probable Amount of contract	₹ 347.76 LAC
4	Earnest Money Deposit	₹ 1.74 LAC (In shape of FDR/TDR in favor of Commissioner, Municipal Corporation, Korba)
5	Cost of Tender form fees	₹ 3,000.00 (In shape of Demand Draft in favor of Commissioner, Municipal Corporation, Korba)
6	Eligible class of contractor/firm	Class-B & Above.
	Time allowed for Completion	06 Months (Including rainy season)
8	SOR Applicable	CGPWD Building SOR 10.06.2016 & Amendment. CGPWD Road SOR 15.06.2025 CGPWD E&M SOR 01.06.2020 CGPHE USOR 01.06.2020
9	Financial Capacity (as per clause 3.8.1)	₹ 52.16 LAC valid Bank solvency certificate is to be attached along with the bid.

1. In order to participate in the tenders floated using the e-Procurement System, all contractors/bidders are required to get enrolled on the e-Procurement portal <http://eproc.cgstate.gov.in>.
2. The bids submitted online should be signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. The registered contractors may obtain information required to issuance of Digital Certificate from e-Procurement System M Junction Raipur.
3. For submitting the bid online, the contractors/bidders are required to make online payment using the electronic payments gateway service Bid Hash Submission Fee as mentioned above the different modes of electronic payments accepted on the e-Procurement System is available and can be viewed online on the e-Procurement Website (<http://eproc.cgstate.gov.in>).
4. Tender Download, Submit Bid Hash online, Submission of Bids and other

Documents and other activities will be governed by the time schedules given under-key Dates. Also, Bidder has to submit all the mandatory/required documents, if the mandatory/required documents not submitted by bidder then bid will be disqualified without any further clarification & Joint Venture /Consortium is not allowed.

5. Any bidder/contractor who is debarred, blacklisted, banned or suspended by the Central Government, State Government, Public Sector Undertaking (PSU), Urban Local Body (ULB), or any Government Department as on the last date of bid submission shall not be eligible to participate in this bid. During the evaluation stage if it comes under the notice that the bidder hides crucial information related to his eligibility than the firm is disqualified and their financial bid shall not be opened.
6. The Bidders has to submit (Upload Scan Copies/fill) his offer/credentials online as required in the tender in the online templates in relevant envelopes.
7. The Bidders may refer Help Manual available online to perform their online activity. The Commissioner, Municipal Corporation Korba (CG) reserves the right to reject any part of/wholetenderwithoutassigninganyreasonandto restrictthelistofpre-qualified tenderer to any number deemed fit by it.
8. Before the deadline for submission of tender the Commissioner, Municipal Corporation, Korba (C.G.) may modify the tender document by issuing amendment. (Any amendment thus issued shall be part of the tender and shall be published on web site)
9. Tenderers are required to submit all documents/information with the technical tender as required in the NIT or elsewhere in the Tender Document, otherwise it shall lead to rejection of bids.
10. The bidder shall quote the tender as a percentage either at par, above, or below the Schedule of Rates (SOR). Quoting item-wise rates for any SOR & NON-SOR item shall lead to disqualification of the bid.
11. The bidders are required to submit 'Envelope "A & B" physically and online respectively as per dates Indicated in Key Dates. The Physical Envelope should contain the following: -
 - A. Envelope 'A' (Key Submission - Submit physically & online)- All the required document submission is mandatory for opening of technical bid.
 - i. The Earnest Money Deposit (EMD) in the form of FDR/TDR of a Nationalized or Scheduled bank of India in favour of the Commissioner, Municipal Corporation, Korba payable at District - Korba (CG). The Earnest Money of the successful Bidders will be retained as part of the security deposit.
 - ii. Tender Document Fee (In the shape of demand draft in favour of Commissioner, Municipal Corporation, Korba)
 - iii. Notarized Affidavit and Pre Contract Integrity Pact separately in Original as per prescribed format. (On ₹100/- non-judicial stamp paper each)
 - B. Envelope-'B'(Technical Bid-Submit Online Only):-
 - i. The bidder mandatorily submits all relevant documents that demonstrate

their eligibility and qualification as per the criteria outlined in the tender document. Incomplete or missing documents will result in automatic disqualification during the technical evaluation stage.

- ii. Scanned copy of the Earnest Money, Tender Document Fee and Affidavit.
- iii. Valid Registration Certificates. CG PWD and (Partnership Deed, registration amendment certificate as the case may be)
- iv. Copy of PAN card issued by IncomeTax Department.
- v. Copy of Valid GST/CGST Registration must be valid up to Bid due date as per key dates otherwise tender will be disqualified while opening.
- vi. Valid Bank Solvency Certificate in Bank Letter Head. (Not older than 12 Months) mention the Bank Dispatch No. or Ref. No. or Verifiable unique number or Date otherwise tender will be disqualified while opening) The bank solvency shall be submitted by the contractor 15% on the cost put to tender.
- vii. If the participating bidder is partnership firm then the memorandum of partnership of the firm.
- viii. Income Tax Return acknowledgment of last five assessed financial years available as on bid due date.
- ix. Documentary proof of the engineer appointment letter with appropriate date and authentication by authorized signatory along with relevant qualification certificates as well as proof of monthly payments within three months.
- x. Registration certificate of EPF supported with Form 5A and ESIC. Last three months relevant payment receipt/challan copies of the dues subjected to the payments of EPF and ESIC is mandatorily CA Certified needed to be enclosed.
- xi. The bidder is required to attach a self-evaluated Bid Capacity statement duly calculated as per the prescribed methodology along with Chartered Accountant certified turnover certificates for the last five financial years, clearly mentioning the UDIN and date of issue.
- xii. As per pre Qualification Criteria mentioned in PQ document. (Annexure-1 to 13) & including supporting documents as mentioned in the PQ document.

Envelope-"C"- (Financial Bid-Submit Only Online)

If the bidder quotes his rates in physical submissions then it will lead to disqualification during evaluation of the bid.

12. Physical Submission-These sealed envelope should be sent by registered A.D. or speed post to **Office of the Commissioner, Municipal Corporation, Saket Bhawan, ITI Rampur Chowk, Kosabadi, Pin-495677 Korba (C.G.)** before expiry of physical submission of the bid. (Please mention the Name of Work, N.I.T. No. in Physical Envelope)
13. Required documents of qualified tenderer shall be opened online on the prescribed date and time as per Notice Inviting Tender. After verification of proper and other required documents financial offers of such qualified bidders shall be opened online by the Commissioner, Municipal Corporation, Korba (C.G.) in the presence of the tenderer

(s)/representative who choose to attend at that time.

14. Additional performance shall be deposited by the successful bidder at the time of signing of agreement when the bid amount is seriously unbalanced. i.e. less than the estimated cost by more than 10% in such an event the successful bidder will deposit the additional performance security to the extent of differential cost of bid amount and 90% of the estimated cost in shape of Bank guarantee of Nationalized Bank in favor of Commissioner, Municipal Corporation, Korba (C.G.) in Addition to EMD failing which the tender in this favor shall be liable for Rejection. The same shall be released along with the normal Security Deposit.
15. It is mandatory for bidder to submit all mandatory/required documents in online in website <http://eproc.cgstate.gov.in>. Any documents which are not submitted in online but submitted physically will not be accepted.
16. Bidder has to submit all the mandatory/required documents, if the mandatory/required documents not submitted by bidder then bid will be disqualified with out any further clarification.
17. If any document as required is not received as per the desired form, then the Bidder will be disqualified without any further clarification and his financial bid will not be opened.
18. The provision of Clause 11 regarding price escalation shall not be applicable under this contract. No escalation nor increase in the contract price will be paid for any reason, including fluctuations in material costs, labor wages, or any other inputs, during the entire duration of the project.
19. In case of any discrepancy, ambiguity or dispute related to the interpretation of the term and condition of the tender documents, the decision of the Commissioner, Municipal Corporation Korba, shall be final and binding on all parties involved.
20. After the issuance of the work order, the successful bidder must mandatorily comply with the all-applicable rules and regulations of relevant government departments, including but not limited to those related to mining labor laws, income tax, Goods and Service tax (GST), other statutory obligations. The bidder will be solely responsible for adhering to these regulations throughout duration of the project.
21. The successful bidder shall mandatorily register himself under the Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. Proof of such registration shall be submitted for processing of running and final bills. Further, labour cess at the rate of 1% shall be deducted from each running and final bill as applicable.
22. The evaluation of bids shall be carried out by considering the lowest aggregate amount. The bidder quoting the lowest rate shall be considered as the Lowest Bidder (L1).
23. Security deposit at the rate of 5% shall be deducted from each running and final bill and shall be refunded to the contractor after completion of the security period of one year, reckoned from the date of completion of work, subject to certification that the work is in good condition.
24. The contractor shall also be responsible for performance of work carried out by him for

a period of 60 (Sixty) Month beyond the completion of work for which performance security has to be furnished by him @ 5% (five percent) of amount of contract. For this purpose, contractor has to submit to the department a Bank Guarantee of 5% amount of the value of work done on every running and final bill payable to him. If contractor fails to submit bank guarantee of 5% amount of the gross bill, then 5% amount of bill shall be deducted from his running and final bill payment. However, the contractor can get refund of such performance cash security amount deducted if he submits appropriate bank guarantee valid for the period as stated above or 60 (Sixty) Month after actual completion.

25. If the successful contractor fails to execute the agreement within the stipulated time period prescribed in the tender document, action shall be taken as per the provisions contained in the tender conditions. In addition, thereto, as per the resolution passed by the Municipal Council of Municipal Corporation Korba, the contractor shall also be liable to be debarred from participating in any future tenders invited by the Municipal Corporation Korba for a period of 06 (six) months."
26. If the contractor fails to complete the work within the stipulated time period after issuance of the work order, action shall be taken against the contractor as per the terms and conditions of the agreement. In addition, thereto, as per the resolution passed by the Municipal Council of Municipal Corporation Korba, the contractor shall also be liable to be debarred from participating in any future tenders invited by the Municipal Corporation Korba for a period of 01 (one) year.
27. Upon issuance of the work order, the successful bidder shall comply with all provisions of the Construction and Demolition Waste Management Rules, 2016.
28. सड़क कांकीट कार्य हेतु ठेकेदार को स्वयं के स्वामित्व के आटोमेटिक बैच मिक्सिंग प्लांट की बिल की प्रति अथवा लीज पर बैच मिक्सिंग प्लांट लेने का अनुबंध की प्रति एवं प्लांट के बिल की प्रति संलग्न करना अनिवार्य होगा।
29. निविदाकार को पेवर मशीन, मोटर ग्रेडर, रोलर एवं अन्य मशीनरी के प्रमाणित बिल/आर.सी., प्रयोग में लाये जाने वाले टीपर की आर.सी. संलग्न करना आवश्यक होगा।


Superintending Engineer
Municipal Corporation,
Korba(C.G.)

SYSTEMTENDERNo 198652 (1stCall)

NIT No: 414/Kosabadi/

Korba Dated 07.09.2026

KeyDates

Task	Date	Time
BidStartDate	07.09.2026	20.30 PM
BidDueDate	28.09.2026	17.30 PM
PhysicalDocSubmissionEndDate	01.10.2026	15.00 PM
BidOpenDate(Scheduled)	01.10.2026	16.00 PM


Superintending Engineer
Municipal Corporation,
Korba(C.G.)

MUNICIPAL COORPORATION KORBA (C.G.)
CONSTRUCTION OF CC ROAD OF BLACO MAIN ROAD (DENGUNALA CROSSING) TO DARRI MAIN ROAD

DETAILED ESTIMATE

S. NO.	SOR NO.	PARTICULAR	UNIT	RATE	QTY.	AMOUNT
		AS PER PWD BUILDING SOR 01.01.2015				
1	1.1.1	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. In all types of soils.	CUM	185.00	2047.12	378,717.57
2	3.1.2	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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	CUM	2659.00	124.07	329,896.81
3	2.1.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	SQM	139.00	4135.60	574,848.40
4	2.1.7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ).	SQM	235.00	1033.90	242,966.50
5	3.3.1	Providing and laying design mix reinforced cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work. M 20 Grade	CUM	4231.00	589.32	2,493,425.61
6	3.12.2	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: Thermo-Mechanically treated bars FE 500D	KG	54.50	58932.30	3,211,810.35
7	18.76.2	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 110 mm dia pipe.	m	267.00	100.00	26,700.00
8	3.9	Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.	cum	469.00	11.70	5,487.30

9	14.72	Providing and applying minimum 2 Coats Glossy finish Enamel paint in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of (Product such as Asian Apcolite Premium Enamel Dulux Promise Premium Enamel Nerolac Synthetic Enamel, Opus Prime enamel) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackle and labour etc. complete for the work.	SQM	84.00	377.37	31,699.37
		AS PER PWD ROAD SOR 01.01.2025			0.00	0.00
1	2.1 (i)	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all leads & lifts and filling in depression/pit with suitable soil including compaction in layers at OMC as directed by Engineer-in-charge and as per relevant clauses of section-200 for :- Girth from 300 mm to 600 mm	Each	325.00	20.00	6,500.00
2	2.1 (ii)	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all leads & lifts and filling in depression/pit with suitable soil including compaction in layers at OMC as directed by Engineer-in-charge and as per relevant clauses of section-200 for :- Girth beyond 600 mm to 900 mm	Each	499.00	12.00	5,988.00
3	2.1 (iii)	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all leads & lifts and filling in depression/pit with suitable soil including compaction in layers at OMC as directed by Engineer-in-charge and as per relevant clauses of section-200 for :- Girth beyond 900 mm to 1800 mm	Each	882.00	11.00	9,702.00
4	2.1 (iv)	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all leads & lifts and filling in depression/pit with suitable soil including compaction in layers at OMC as directed by Engineer-in-charge and as per relevant clauses of section-200 for :- Girth above 1800 mm	Each	1694.00	5.00	8,470.00
5	2.4	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness if required and as per relevant clauses of section-200.	Hact.	61253.00	0.52	31,695.36

6	2.5/I/C	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 including all leads and lifts and as per relevant clauses of section-200 in Lime / Cement Concrete Pre-stressed / Reinforced cement concrete grade M-20 & above	Cum	1342.00	137.53	184,565.26
7	2.5/II/B	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 including all leads and lifts and as per relevant clauses of section-200 in Brick / Tile work In cement mortar	cum	368.00	42.00	15,456.00
8	3.2	Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all leads & lifts as per relevant clauses of section 300.	cum	103.00	3434.08	353,710.24
9	2.10	Dismantling of cement concrete pavement i/c breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials with all leads, stacking serviceable and unserviceable materials separately and as per relevant clauses of section-200.	cum	1321.00	529.08	698,914.68
10	1.2 (ii)	Transportation of different other material i/c loading & unloading Beyond 1 Kms. and upto 10 Kms.(Add extra for every 1 Km.) Loose moorum/sand/earth/surkhi/cement/ stone dust/hot mix asphalt material	Cum	126.00	3619.75	456,088.75
11	3.12	Construction of embankment with Material Obtained from Borrow Pits/Borrow Area Construction of embankment with approved material/selected soil having C.B.R. > 5 (unless specified otherwise in the contract) obtained from borrow pits/borrow area with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2.	cum	238.00	4470.22	1,063,912.36
12	3.13	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/borrow area with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2	cum	268.00	828.52	222,043.36

13	4.1 A (b) (i)	Granular Sub-base as per Table:- 400-1 Construction of granular sub-base by providing graded Material, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface watering, rolling and compacting with vibratory power roller at OMC to achieve the desired density, complete as per clause 401 Plant mix method (with Mechanically crushed stone only) For Lower Sub-base with Grading-V Material	Cum.	1573.00	651.39	1,024,636.47
14	ROAD SOR 2025 4.14 A i	Providing & laying precast interlocking concrete blocks of required compressive strength with approved size, shape/ pattern over coarse sand bed of thickness 30 +/-5 mm and joints filled with fine sand including leveling with surface vibrator, temping and sweeping etc. complete as per IRC-SP-63. 60mm thick precast interlocking concrete block of C.C. M-30 grade on Footpath/Cycle Track Plain precast interlock concrete block	SQM	537.00	1033.90	555,204.30
15	6.1	Dry Lean Cement Concrete Sub- base Construction of dry lean cement concrete Sub-base as per TRC:SP-49 over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 26.5 mm, aggregate cement ratio not to exceed 15:1, aggregate predation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days. mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing as per clause 601.	Cum.	2562.00	915.93	2,346,612.66
16	6.2.B.(i)	Cement Concrete Pavement Construction of unreinforced, dowel jointed, plain cement concrete pavement as per IRC:58 over a prepared sub-base, coarse and fine aggregate conforming to 1S:383 and graded as per table 600-3 mixed in a batching and mixing plant as per approved mix design, transported to site, laid with slip form / fixed form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing as per clause 602. Using Fixed Form Paver With Cement concrete grade M-40 and minimum cement content @ 400 kg/cum.	cum	5041.00	1831.86	9,234,406.26

17	8.1 CG PWD ROAD SOR 2025	Cast in Situ Cement Concrete M20 kerb Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in PCC M20 grade on PCC M15 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb concrete to be laid with kerb casting machine, foundation concrete laid manually, all complete as per clause 409.	RMT	253.00	1033.90	261,576.70
18	8.20.i	Painting Lines, Dashes, Arrows etc on Roads in Two Coats on New Work (Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control) Over 10 cm in width	Sqm	627.00	2176.36	1,364,577.41
19	8.1 (I)A.(a) (ii)	Retro- reflectorized Traffic signs as per Clause 801 Providing and fixing of retro- reflectorized cautionary, mandatory and informatory sign digitally printed over reflectorized sheeting of required grade confirming to ASTM D 4956 including covering with transparent sheeting (lamination sheeting) to protect from fading and damage due to wheather effect as per Clause 6 of IRC:67 2022 made of retro-reflective type sheeting fixed over Aluminum/ Aluminium Composite Material (ACM) sheeting including application of fluorocarbon coating applied on exposed surface of aluminium to ensure corrosion resistance, supported on a mild steel back frame of ISA 40 x 40 x 5 mm and mild steel angle iron post 75 mm x75 mm x 6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45cm x 60cm, as per approved drawing and painting all exposed components of the signs and supports with primer and 2 coats of epoxy paints or powder coating and the part of post below ground shall be painted with 3 coats of redoxide paint as per clause 7.2 of IRC:67-2022. (Note: The details of manufacturer type of	Sqm	5090.00	6.00	30,540.00
20	8.23 (ii)	Kilo Meter Stone (Reinforced cement concrete M15grade kilometer stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc) Ordinary Kilometer stone (Precast)	each	1829.00	4.00	7,316.00
21	8.38 A	Metal Beam Crash Barrier Type - A, "W" : Metal Beam Crash Barrier Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanized by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811.3.	metre	3351.00	500.00	1,675,500.00

		AS PER PHED SOR 01.06.2020 AND AMMENDMENTS 2022-23			0.00	0.00
1	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.15, PAGE NO 51	Earth work in excavation for pipe trench in ordinary soil areas including dressing, watering, ramming and disposal of excavated earth lead up to 50m and lift up to 1.5m, disposal earth to be levelled, neatly dressed.	Cum	201.00	238.88	48,013.88
2		Dismantling of Cement Concrete Pavment by mechanical means using pneumatic tools, cutter breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately.	Cum	1227.00	40.50	49,693.50
3	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.21, PAGE NO 52	Pumping out water caused by springs, tides or river seepage, broken water mains or drains or well or the like.	KL	71.00	1600.00	113,600.00
4	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.24, PAGE NO 52	Supply & Filling moorum/river sand for pipe bedding or over the pipe (including supply)	cum	864.00	34.88	30,132.00
5	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.1, PAGE NO 2	Providing, laying and jointing including testing following socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (class K 7) conforming to IS: 8329/ 2000 with suitable Rubber Gasket (Push on) joints as per IS:5382/2018 200MM DIA	mtr	2378.00	11.00	26,158.00
6	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.1, PAGE NO 2	Providing, laying and jointing including testing following socket & spigot centrifugally cast (Spun) Ductile Iron pressure pipes with inside cement mortar lining (class K 7) conforming to IS: 8329/ 2000 with suitable Rubber Gasket (Push on) joints as per IS:5382/2018 150MM DIA	mtr	1804.00	10.00	18,040.00
7	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.23, PAGE NO 11	Providing and Laying including testing Ductile Iron Double Socket branch flange Tee conforming to IS:9523/2000 having dimension as per table 21 of IS:9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS:9523/2000. 200 mm x 150 mm	each	5155.00	1.00	5,155.00

8	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.23, PAGE NO 11	Providing and Laying including testing Ductile Iron Double Socket branch flange Tee conforming to IS:9523/2000 having dimension as per table 21 of IS:9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS:9523/2000. 200 mm x 200 mm	each	6015.00	1.00	6,015.00
9	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.23, PAGE NO 11	Providing and Laying including testing Ductile Iron Double Socket branch flange Tee conforming to IS:9523/2000 having dimension as per table 21 of IS:9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS:9523/2000. 150 mm x 100 mm	each	3150.00	1.00	3,150.00
10	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.13, PAGE NO 7	Providing and Laying including testing Ductile Iron Double Socket 90° Bends conforming to IS: 9523/2000 having dimension as per table 15 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 200 Dia	each	4154.00	4.00	16,616.00
11	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.13, PAGE NO 7	Providing and Laying including testing Ductile Iron Double Socket 90° Bends conforming to IS: 9523/2000 having dimension as per table 15 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 150 Dia	each	2595.00	2.00	5,190.00
12	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.15, PAGE NO 7	Providing and Laying including testing Ductile Iron Double Socket 45° Bends conforming to IS: 9523/2000 having dimension as per table 16 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 200 Dia	each	3376.00	2.00	6,752.00
13	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.15, PAGE NO 7	Providing and Laying including testing Ductile Iron Double Socket 45° Bends conforming to IS: 9523/2000 having dimension as per table 16 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 150 Dia	each	2078.00	2.00	4,156.00
14	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.17, PAGE NO 8	Providing and Laying including testing Ductile Iron Double Socket 22.5° Bends conforming to IS: 9523/2000 having dimension as per table 17 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 200 Dia	each	2856.00	4.00	11,424.00

15	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.17, PAGE NO 8	Providing and Laying including testing Ductile Iron Double Socket 22.5° Bends conforming to IS: 9523/2000 having dimension as per table 17 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 150 Dia	each	1817.00	3.00	5,451.00
16	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.19, PAGE NO 9	Providing and Laying including testing Ductile Iron Double Socket 22.5° Bends conforming to IS: 9523/2000 having dimension as per table 17 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 200 Dia	each	2726.00	4.00	10,904.00
17	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.19, PAGE NO 9	Providing and Laying including testing Ductile Iron Double Socket 22.5° Bends conforming to IS: 9523/2000 having dimension as per table 17 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 150 Dia	each	1687.00	2.00	3,374.00
18	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.9, PAGE NO 5	Providing and Laying including testing Ductile Iron Double Socket 22.5° Bends conforming to IS: 9523/2000 having dimension as per table 17 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 200 Dia	each	3294.00	4.00	13,176.00
19	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.9, PAGE NO 5	Providing and Laying including testing Ductile Iron Double Socket 22.5° Bends conforming to IS: 9523/2000 having dimension as per table 17 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining. 150 Dia	each	2291.00	4.00	9,164.00
20	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.7, PAGE NO 4	Providing and Laying including testing ductile iron PN 16 type flanged sockets conforming to IS: 9523/2000 having dimension as per table 23 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS:9523/2000. 200 Dia	each	3007.00	2.00	6,014.00
21	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.7, PAGE NO 4	Providing and Laying including testing ductile iron PN 16 type flanged sockets conforming to IS: 9523/2000 having dimension as per table 23 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS:9523/2000. 150 Dia	each	2005.00	2.00	4,010.00

22	CG PHED SOR 2020, ITEM NO = 8.1, PAGE NO 115	Providing & fixing of following Cast iron double flanged sluice valves as per I.S.:14846-2000 fitted with cast iron cap including jointing & testing with cost of jointing material such as bolts, nuts, rubber insertions etc. all complete 200 Dia	each	13183.00	1.00	13,183.00
23	CG PHED SOR 2020, ITEM NO = 8.1, PAGE NO 115	Providing & fixing of following Cast iron double flanged sluice valves as per I.S.:14846-2000 fitted with cast iron cap including jointing & testing with cost of jointing material such as bolts, nuts, rubber insertions etc. all complete 150 Dia	each	7559.00	2.00	15,118.00
24	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.11, PAGE NO 6	Providing and Laying including testing Ductile iron Mechanical joint collar with follower glands conforming to IS: 9523/2000 having dimension as per table 24 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen and internal cement mortar lining. 200 Dia	each	5035.00	2.00	10,070.00
25	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.11, PAGE NO 6	Providing and Laying including testing Ductile iron Mechanical joint collar with follower glands conforming to IS: 9523/2000 having dimension as per table 24 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen and internal cement mortar lining. 150 Dia	each	3896.00	4.00	15,584.00
26	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.11, PAGE NO 6	Providing and Laying including testing Ductile iron Mechanical joint collar with follower glands conforming to IS: 9523/2000 having dimension as per table 24 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen and internal cement mortar lining. 100 Dia	each	2647.00	2.00	5,294.00
27	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.25, PAGE NO 13	Providing and Laying including testing Ductile Iron Double Socket Reducer conforming to IS: 9523/2000 having dimension as per table 21 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS: 9523/2000. 200 Dia	each	2474.00	2.00	4,948.00
28	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 4.25, PAGE NO 13	Providing and Laying including testing Ductile Iron Double Socket Reducer conforming to IS: 9523/2000 having dimension as per table 21 of IS: 9523/2000 in the following nominal diameter/sizes with external bitumen coating and internal cement mortar lining with finishing as per clause 13 of IS: 9523/2000. 150 Dia	each	2590.00	2.00	5,180.00

29	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.41.1.3 , PAGE NO 54	Providing & laying mechanically mixed cement concrete 20mm nominal size graded crushed stone excluding cost of centering& shuttering. In Plinth & Foundation 1:31/2:3 (M-20)	cum	6545.00	11.21	73,369.45
30	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.79, PAGE NO 58	Construction of Brick masonry valve chamber with 20 cm thick wall in 1:6 C.M. with 12mm thick 1:4 Cement Plaster and base course 10 cm. thick in M-15. Inside Dimensions 110x80x100cm M-20 RCC chamber cover size 130x100cmx120cm including cost of materials, labour etc. complete.	each	7886.00	1.00	7,886.00
31	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.44, PAGE NO 54	Providing and placing in position cold twisted steel and hot rolled deformed steel reinforcement for R.C.C. work i/c cutting, bending, binding etc. complete i/ccost of binding wire and wastage.	kg	70.00	22.00	1,540.00
32	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.19.1, PAGE NO 51	Earth work in excavation for pipe trench in all kinds of rocks in areas including dressing, stacking of useful material and disposal of unserviceable material up to lead up to 50m and lift up to 1.5m. Soft rock with or without blasting or bituminous pavement / cement concrete road. 200 Dia 150 Dia	cum	465.00	60.75	28,248.75
33	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 19.14, PAGE NO 65	House hold connection with 15mm S.S. tap including earth work in excavation for pipe trench in all kinds of soil &W.B.M. in areas with demolishing cement concrete road and reconstruction of same good with providing and fixing 15mm G.M./ brass ferrule 90x15mm MS/ PVC Clamp in main line 15mm dia PVC pipe heavy class from main pipe line to house of consumer up to 5 to 10 meter long as per site condition PVC specials such as 15mm PVC sockets elbows, union with all other work pertaining to it job completed, as per approved specification and as directed by Engineer in charge	job	2054.00	40.00	82,160.00
34	CG PHED SOR AMM NO-7 2022-23, ITEM NO = 18.23, PAGE NO 52	Filling available excavated earth in trenches, lead up to 50m and lift up to 1.5m in all kind of soil excluding Watering and ramming.	cum	62.00	106.24	6,586.92
		AS PER PWD ELECTRICAL SOR 01.06.2020			0.00	0.00
1	19.11.7	Erection of GI octagonal/ tubular/conical pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as per specification. 9 metre high	Each	985.00	76.00	74,860.00

2	32.7.9	Supplying following sizes FRLS PVC insulated , PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade and as per IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 3 x 25 sq. mm	Metre	97.00	1140.00	110,580.00
3	19.12	Designing and providing suitable RCC foundation in Cement Concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) for 3 mere to 12 metre high GI octagonal pole including steel reinforcement form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc. as per specification.	cum	5219.00	38.91	203,081.73
4	14.2.1	Supplying and laying HDPE pipe of 4kg/Sqcm in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification. 63 mm outer dia	Metre	124.00	1900.00	235,600.00
5	14.2.6	Supplying and laying HDPE pipe of 4kg/Sqcm in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification. 160 mm outer dia	Metre	664.00	380.00	252,320.00
6	14.3.3	Supplying and laying following size medium class G.I. pipe in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification. 100 mm internal dia	Metre	879.00	1900.00	1,670,100.00
7	14.3.4	Supplying and laying following size medium class G.I. pipe in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification. 150 mm internal dia	Metre	1183.00	380.00	449,540.00
8	15.1.24	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 4 x 25 sq. mm.	Metre	321.00	1900.00	609,900.00

9	15.23.25	Supplying and making end termination with brass compression gland and aluminum lugs for following size armoured aluminum conductor power cable of 1.1 KV grade as per specification. . 4 X 25 sq. mm (25 mm)	Each	104.00	304.00	31,616.00
10	12.1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as per specification and IS Code 3043: 1987(R 2016)	Set	3243.00	19.00	61,617.00
11	12.12	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including soldering, excavation and refilling the trench etc. as per specification.	Metre	36.00	95.00	3,420.00
12	7.19.1	Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS powder coated sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars, switchgears and other accessories etc complete as per specification. Upto 300 mm deep	sqm	6818.00	9.00	61,362.00
13	7.20.1	Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) aluminium bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and shape insulators, necessary bolts and nuts etc complete as per specification. 100 amp (20x3mm)	Metre	717.00	5.00	3,585.00
14	7.15.2	Providing and making interconnection in cubical panel between BBC and switchgears with following size FRLS PVC insulated aluminium conductor wire lead of length upto 50cm including providing aluminium thimbles on both ends as per specification (To be measured separately for each phase/ neutral). 16 sqmm (63 amp)	Each	55.00	19.00	1,045.00
15	9.1.4	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu. 3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA	Each	3734.00	19.00	70,946.00
16	9.11.2	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 6 amps to 32 amps	Each	148.00	76.00	11,248.00

17	9.12.2	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 6 amps to 32 amps	Each	411.00	19.00	7,809.00
18	9.16.5	Supplying and fixing TP&N MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification. 63 amps	Each	1316.00	5.00	6,580.00
19	10.17	Providing and fixing penal mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as per specification.	Each	94.00	19.00	1,786.00
20	10.18.2	Providing and fixing penal mounting following rating analog type ammeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification. 0-100 amps	Each	372.00	19.00	7,068.00
21	10.20.1	Providing and fixing penal mounting 0-500 volt voltmeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as per specification. Analog type	Each	397.00	19.00	7,543.00
22	10.21.1	Providing and fixing penal mounting selector switch in existing cubical panel including, connections, testing and commissioning etc. as per specification. For voltmeter	Each	189.00	19.00	3,591.00
23	10.21.2	Providing and fixing penal mounting selector switch in existing cubical panel including, connections, testing and commissioning etc. as per specification. For ammeter	Each	207.00	19.00	3,933.00
24	29.8	Dismantling the all sizes outdoor lighting luminaries from steel poles with accessories including shifting of dismantled material to department store.	Each	39.17	15.00	587.55
25	29.14	Dismantling of steel pole, R. S. joist, girder pole from the cement concrete foundation with bracket, insulators, stay wires etc, refilling the pit upto ground level including shifting of dismantled material to department store.	Each	784.74	12.00	9,416.88
					Total	31,417,459.38
					TO SAY Rs (IN LACS) :-	314.17

SOR USED:-

- 1 CG BUILDING SOR 2015
- 2 CG PWD ROAD SOR 2025
- 3 CG PWD ELECTRICAL 2020
- 4 CG PHED ELECTRICAL 2020

MUNICIPAL COORPORATION KORBA (C.G.)						
CONSTRUCTION OF CC ROAD OF BLACO MAIN ROAD (DENGUNALA CROSSING) TO DARRI MAIN ROAD						
BOQ OF NON SOR ITEMS						
S. No.	SOR Item No.	Description of items	Unit	Rate	Qty.	Amount
1	2	3	4	5	6	7
		AS PER NON SOR ITEM'S				
1	NON SOR	Decorative Conical pole of 9 meter with Material: HR Steel as per IS 2062 / BSEN 10025, Taper Profile: Precision-formed conical shaft. Height : 9m, Wall Thickness: 3mm, Finish: Hot Dip Galvanized & PU Painted, Colors: Standard anthracite grey with gold trims. LASER-CUT DECORATIVE PROFILE with personalised logo/content, CNC/laser-cut MS Sheet panel along with customizable geometric or parametric design patterns. Seamless flush-mounted integration. Dual-layer exterior PU paint finish, Highlighted with IP67 Led Strip. LIGHTING ARM ASSEMBLY doublem Arm Length: 1.0/1.5 m , Arm Angle: 10°/15° optimized for light throw, Fixture Mount: Ø60/76 mm spigot, Compatible with multiple LED roadway luminaires. BASE & MOUNTING DETAILS, Decorative flanged base with gold accent cover. M20 / M24 anchor bolt assembly. Lockable maintenance access door. ENVIRONMENTAL & DESIGN	EACH		76.00	0.00
2	NON SOR ITEM	Supply, intallation, testing and commissioning for the following RF Based analogue (0-10v) dimmable LED Street Light fixture with IP66 protected Die-Cast Aluminum housing and Heat resistive Toughened Glass. LED shall having LM80 complied as per L70 standard LEDs minimum tested for 10,000 burning hours with 5700-6000K CCT with minimum life cycle 50000 hrs burning hours at 50°C. . Luminaire shall have RF node for communication thru CCMS. Optics shall be properly designed with Polycarbonate Lenses to avoid dark patches on the road. Street light without lenses will not be acceptable.				
		Driver shall be 3 stage Constant Current Constant Voltage with voltage range of 150-270V AC. Output voltage of driver should be 10% +/- Luminaire fitting complied to Safety Extra Low Voltage norms not exceeding 60V DC. Driver Power factor shall be 0.95 and above and THD shall be less than 10%. (6.75.3)	EACH		76.00	0.00

2	Non SOR	shifting of Existing 11KV Line and reinstalling including required civil and electrical works as directed by Engineer-in-Charge	rmt		250.00	0.00
3	Non SOR	shifting of Existing 33KV Line and reinstalling including required civil and electrical works as directed by Engineer-in-Charge	rmt		15.00	0.00
4	Non SOR	shifting of Existing LT Line and reinstalling including required civil and electrical works as directed by Engineer-in-Charge	rmt		286.00	0.00
5	Non SOR	shifting of Existing Ring Main Unit (RMU) and reinstalling including required civil and electrical works as directed by Engineer-in-Charge.	nos		1.00	0.00
6	Non SOR	Labour Charges for Electrical Shifting Works.	nos		1.00	0.00
7	Non SOR	Miscellaneous work as per requirement as directed by Engineer-in-Charge.	nos		1.00	0.00
				TOTAL NON SOR AMOUNT		0.00
				TO SAY Rs (IN LACS) :-		0.00