

OFFICE OF MUNICIPAL CORPORATION KORBA

Notice Inviting Tender

NIT No:31/2018/

korba Dated 14-05-2018

Commissioner, MUNICIPAL CORPORATION KORBA invites online Tenders on behalf of MUNICIPAL CORPORATION KORBA on Form "A" From Eligible Class registered contractors who have completed work of BUILDING 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.	35549
2	Name of Work/Description of Work	CONSTRUCTION CC ROAD FROM SHANTI NAGAR TO KUCHAINA BASTI IN WARD NO 61,62
3	Probable Amount of contract	Rs. 306.02Lakh
4	Earnest Money Deposit	Rs. 1.54 Lakh (TO BE PAID ONLINE)
5	Processing Fees	Rs. 3000.00 (TO BE PAID ONLINE)
6	Eligible class of contractor/firm	B and above
7	Cost of Bid Hash Submission Fees	311.00 (TO BE PAID ONLINE)
8	Time allowed for Completion	18 MONTH (l/c Rainy Season)
9	SOR Applicable	CGPWD BRIDGE AND ROAD SOR DT 1.1.2015, CGPWD ELECTRICAL SOR DT 1.07.2015
10	Financial Capacity (as per clause 3.8.1)	Rs. 46.00Lakh & above

- 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 bids 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, EMD (ONLINE ONLY) or FDR, TDR and other Documents and other activities will be governed by the time schedules given under – key Dates.
- 5- 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.
- 6- The Bidders may refer Help Manual available online to perform their online activities.
- 7- The Commissioner, MUNICIPAL CORPORATION KORBA reserves the right to reject any part of/whole tender without assigning any reason and to restrict the list of pre-qualified tenderer to any number deemed fit by it.

- 8- Before the deadline for submission of tender the Commissioner MUNICIPAL CORPORATION KORBA 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- All the contractors are required to submit all documents online only.
- a. Attested copy of Registration certificates.(Unified Registration System e-Registration' PWD Chhattisgarh).
 - b. The Earnest Money Deposit EMD (Only Online)
 - c. Processing Fees. (Only Online)
 - d. Affidavitin Original
 - e. Tender document fee with detail
 - f. Earnest money deposit (emd) with detail.
 - g. Valid bank solvency in bank letter head
 - h. Attested copy of PAN & Valid G.S.T. Registration certificate in C.G.
10. 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.
11. 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 Additional to EMD failing which the tender in this favor shall be liable for Rejection.
12. Those Contractor Who have satisfactorily completed Similar Work of CC Road Grade M-40 & Above amounting to 50% of the probable amount of contract & above in Single Work, with work completion certificate signed by officer not below of Rank of Executive Engineer will be able to put the Tender..
- 13.Other Details can be seen in the tender documents.


Excutive Engineer
MUNICIPAL CORPORATION
KORBA(C.G.)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		14.05.18	13.00	14.05.18	17.30	Release Tender
2		Bid Submission	14.05.18	17.31	08.06.18	17.30	
3		Submission of EMD(Online Submission)	14.05.18	17.31	08.06.18	17.31	
4	Tender Open		08.06.18	10.30	--	--	


EXECUTIVE ENGINEER

KORBA (CG)

For, Commissioner Korba (C.G.)

SCHEDULE

FOR THE CONSTRUCTION OF NEW CC ROAD FROM SHANTI NAGAR TO KUCHAINA BASTI WARD NO 61 &62

Sl.	REF	Item of Work	Qty	unit	Rate	Amount
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(based on rates of CG pwd ROAD Sor Effective from 2015)

PART A

CC ROAD WORK

1	4.13	Construction of Shoulders (Construction of shoulders as per clause 408 with selected soil from borrow pits / borrow areas having CBR not less than 12 and shall have L.L. and P.I. not more than 25% and 6% respectively, inclusive of all leads and lifts, including clearing and scrapping of existing surface, providing required cross fall, compacting. watering rolling and royalty charges etc. complete.				
		A With vibratory roller	3060.00	CUM	291.00	890460.00
2	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 lifts and lead upto 1000 meters as per relevant clauses of section 300.				
			900.00	CUM	110.40	99360.00
3	4.1	4.1 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 A Plant mix method (with Mechanically crushed stone only) (a) For Lower Sub-base with (i) Grading-III Material				
			1032.75	CUM	1423.00	1469603.25
4	6.1	Dry Lean Cement Concrete Sub-base as per IRC:SP-49 (Construction of dry lean cement concrete Sub-base 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 gradation 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.)				
			1032.75	CUM	2332.00	2408373.00

Sl.	REF	Item of Work	Qty	unit	Rate	Amount
5	6.2	Cement Concrete Pavement (Construction of un-reinforced, dowel jointed, plain cement concrete pavement as per IRC:58 over a prepared sub-base, coarse and fine aggregate conforming to IS: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 a fixed form or slip 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.) (i) With Cement concrete grade M-40 and minimum cement content @ 400 kg/cum.	1912.50			
			1912.50	cum	4926.00	9420975.00
					Total	14288771.25

EMBANKMENT WORK

1	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 with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2)	27125.36	CUM	250.00	6781340.00
2	9.11	9.11 Providing and laying Pitching Stone/Boulder on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications as per clause 2504.	540.00	CUM	2413.00	1303020.00
3	9.12	9.12 Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification including trimming of slopes to proper profile and preparation of bed and as per clause 2504.	270.00	CUM	2079.00	561330.00

Sl.	REF	Item of Work	Qty	unit	Rate	Amount
4	9.10	9.10 Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and Technical specification as per clause 2503.				
			30.00	CUM	2413.00	72390.00
5	6.7	6.7 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)				
			5.40	cum	4391.00	23711.40
Total						8741791.40
CC ROAD WORK						14288771.25
EMBANKMENT WORK						8741791.40
PART A						23030562.65

PART B

CULVERT WORK

1	2.1B	excavation for for Structure (earth work in Excavation of foundation of structures a per Drwaing and technical spcefication , including setting out, construction of shoring &bracing , removal of stumps and other deleterious matter , drssing of sides and bottom and backfilling with approved material. B ordinary rock (not requiring blasting)	301.14	Cum	207.00	62335.98
2	2.3	2.3 Sand fillingin foundation trenches as per drawing &technical specification	51.36	Cum	1234.00	63378.24
3	2.6	2.6 Plain/Reinforced cement concrete in open foundation complete as per drawing and technical specifications. A Using concrete mixer (i) PCC Grade M15	49.02	Cum	4613.00	226129.26
4	3.6/D/(a) iii	Providing & laying plain/ reinforced cement concrete in sub structure complete as per drawing and teechnical specification section 1500,1700 and 2000 . A) using concrete mixture (iii) RCC arade M-30	225.88	Cum	6370.00	1438855.60
5	3.7	Supplying , Fittingand Placing HYSDBar Reinforcement in substructure complete as per draawing and technical Specification section 1600 and 2200 3.7	24.8468	tonne	69002.00	1714478.89
6	4.1/C/II/(a)iii	Furnishing & pplacing reinforced/ Prestressed cement concrete in super structure complete as per drawing and teechnical specification section 1500,1700 and 2000 . RCC grade M-30 For Solid slab super structure a) using concrete mixture (i) height up to 5m 4.1/C/II/(a)iii				

Sl.	REF	Item of Work	Qty	unit	Rate	Amount
			70.872	Cum	7002.00	496245.74
7	4.2	Supplying , Fittingand Placing HYSDBar Reinforcement in substructure complete as per draawing and technical Specification section 1600 and 2200 4.2	8.50	tonne	70101.00	596138.90
PART B TOTAL						4597562.62

PART C

ELECTRICAL WORK

1		Supply of hot dipped galvanized (in single dip to average 65 micron) octoganal pole made of 3mm thick steel sheet having window and flush cover with locking arrangement at suitable height from base for cable termination block, pole suitably reinforced with welded steel section at window cut section to make the strength of pole unaffected, with following minimum specifications including 3mm thick anchor plate, 4 nos 20mm dia foundation bolts of EN8 grade. (designed for wind speed upto 150km/hr) 8 metre high, dia 135mm at bottom and 70mm at top, base plate size 225x225x16mm, foundation bolts 750mm long	70.00	each	11322.00	792540.00
2	21.90	21.9 Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102.50 including having MS triangular stiffner of size 150 X 50 X 5 mm thick, making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy, painting with one coat of approved steel primer etc. as required.				
	21.9.1	21.9.1 Single Over Hang 0.75 metre Long	70.00	each	949.00	66430.00
3	21.11	21.11 Erection of GI octogonal/ tubular pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as required. 8 metre high	70.00	each	823.00	57610.00
4	21.17	21.17 Supplying and fixing PVC water tight terminal box of approved make and brand with detachable gland plate in bottom, hinged front openable cover, rubber gasket, having 1 Nos 4way connector and 1 No SPMCB inside the box for cable connection, fixed to pole with 2 Nos clamp made from 25x3mm GI flat with 2 No GI nuts bolts complete as required.				
	21.17.2	21.17.2 300x200x125 mm for 3 phase	70.00	each	934.00	65380.00

Sl.	REF	Item of Work	Qty	unit	Rate	Amount
5	5.11	5.11 Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required.				
	5.11.2	5.11.2 2 x 1.5 sq. mm	500.00	meter	33.00	16500.00
6	8.30	8.30 Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 5 KV surge protection on pole bracket complete as required and furnishing 2 Yrs Guarantee certificate from manufacturer				
	8.30.4	8.30.4 90 watt	70.00	each	18616.00	1303120.00
7		16.2 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 required				
	16.2.1	16.2.1 63 mm outer dia	1800.00	each	140.00	252000.00
8		17.3 Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade in existing RCC/ HUME/ STONEWARE/ METAL/ HDPE pipe as required.				
	17.3.22	17.3.22 4 x 10 sq. mm.	1800.00	meter	117.00	210600.00
9	17.28	17.28 Supplying, fixing and cramping suitable size and all type aluminium ferule/ lugs to following size 1.1 KV grade power cable core / lead, pressed with high pressure cramping tool including connection to switch gear/ MCCB etc as required.				
		10 sq. mm	600.00	each	12.50	7500.00
10		17.8 Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as required.				
	17.8.13	17.8.13 4 x 10 sq. mm.	60.00	meter	105.00	6300.00
11		9.10 Providing and fixing metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).				
	9.10.2	9.10.2 63 amp	1.00	each	1821.00	1821.00

Sl.	REF	Item of Work	Qty	unit	Rate	Amount
12		14.1 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. (but without charcoal or coke and salt) as required.				
			1.00	set	2472.00	2472.00
13	14.19	14.19 Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as required.				
			10.00	meter	20.50	205.00
14	32.1	32.1 Earth work in all type soil except soft rock / hard rock with all lead and 1.5 metre lift, dressing, stacking excavated strata including refilling of excavated soil in trench / pit to ground level complete as required.				
			6.00	cum	163.00	978.00
15	32.7	32.7 Providing timber / steel form work for cement concrete work at all levels including removing of the same.				
			100.00	sqm	98.50	9850.00
16	21.12	21.12 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 (minimum 90kg per cum), form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc. as required				
			28.00	cum	4906.00	137368.00
17	16.5	16.5 Supplying and fixing G.I. pipe along with wall or pole/ support with 2 Nos MS clamps for protection of under ground cable in approved manner including bolts and nuts or metal dash fasteners complete as required.				
		16.5.2 40 mm dia	80.00	meter	364.00	29120.00
18	33.12	33.12 Painting of following height steel tubular poles with two coat of aluminium paint of approved brand including cleaning the surface as required:				
	33.12.2	33.12.2 Above 6 metre and upto 8 metre	70.00	each	201.00	14070.00
					Total	2973864.00

