

MUNICIPAL CORPORATION, RAIPUR
OFFICE OF THE COMMISSIONER MUNICIPAL CORPORATION
e-Procurement Tender Notice

Main Portal: <http://cgeprocurement.gov.in>
UADD Portal: <http://uadd.cgeprocurement.gov.in>

Second-call

SYSTEM TENDER NO:6233 NIT NO: 246 /EE/WATER/15 RAIPUR DATED: 20 /01/2015

Online bids are invited for the following works of works up to **12/02 /2015 at 17:30 hours.**

Name of Work/Description of Item	Operation of 80 MLD water treatment plant clear water pumping station, Raw pumping station including Raw & clear water substation at Filter plant Raipur
Probable Amount of Contract	Rs. 26,88,000/-

The details can be viewed and downloaded online directly from the Government of Chhattisgarh e-Procurement Portal <http://cgeprocurement.gov.in> on Sub Portal of Municipal Corporation through Urban Administration and development Department. <http://uadd.cgeprocurement.gov.in> from **28 /01/2015 17.30 Hours.** (IST) on wards.

For more details on the tender and bidding process you may please visit the above-mentioned portal.

NOTE: -

1. All eligible/interested contractors are mandated to get enrolled on e-Procurement portal (<http://cgeprocurement.gov.in>)
2. Contractors can contact Help Desk for any clarification of their doubts regarding the process of Electronic Procurement System. **Help Desk** at B-31 " SAKET" Opp. Gulab Industries, Shailendra Nagar Raipur or through Email ID raipur@nextenders.com Phone No. 0771-4079400

EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
RAIPUR (C.G.)

Dated:

Endt No. RAIPUR

1.
2.
3.
4. Notice Board.

EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
RAIPUR (C.G.)

MUNICIPAL CORPORATION, RAIPUR
OFFICE OF THE COMMISSIONER MUNICIPAL CORPORATION

Notice Inviting Tender

Executive Engineer Raipur Municipal Corporation invites Online lump sum Tenders on behalf of Raipur Municipal Corporation in **form F** from E registration in PWD CG Government with experience GoC e-Procurement System (<http://cgeprocurement.gov.in>) through Sub Portal <http://uadd.cgeprocurement.gov.in>

(1)	Name of work	-	Operation of 80 MLD water treatment plant clear water pumping station, Raw pumping station including Raw & clear water substation at Filter plant Raipur
(2)	Amount of the Estimate	-	Rs.26,88,000 /-
(3)	Time allowed for completion (Including rainy season)	-	1 Year
(4)	Earnest Money Deposit	-	RS. 27,000/-
(5)	Bid Hash Submission Fee	-	RS. 390/-
(6)	Eligible class of contractor/firm	-	E registration in PWD CG Government

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://cgeprocurement.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 Help Desk**, B-31"SAKET" Opp. Gulab Industries, Shailendra Nagar Raipur or through Email ID Raipur@nextenders.com Phone No. 0771-4079400
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://cgeprocurement.gov.in>).
4. Tender Download, Submit Bid Hash online, Submission of Bids, EMD and other Documents and other activities will be governed by the time schedules given under "Key Dates".
5. Physical Submission of EMD (by Registered Post/Speed Post) FDR/Demand Draft in favour of Executive Engineer, (water works) Room No. 416, 3rd floor, Municipal Corporation, Raipur dated 18/02 /2015 Time up to 17.30 PM.
6. Conditions related to e-Procurement are furnished in **Annexure O** of tender document and will overrule other conditions wherever applicable/relevant.
7. 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.
8. The Bidders may refer Help Manual available online to perform there online activities.
9. If there is any amendment in the tender it will be published online only.
10. EMD, live Registration copy, Commercial tax Registration and/or Commercial tax Clearance and Affidavit on Non Judicial Stamp worth Rs. 100/- should be essentially physically submitted by the Tender along with Other necessary documents by Registered/Speed Post only.

KEY DATES

Seq No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		28.01.15	10.30	28.01.15	17.30	
2		Bid Download	28.01.15	17.31	12.02.15	17.30	
3		Submit Bid Hash on line Payment of bid submission fee	28.01.15	17.31	12.02.15	17.30	Envelope A and Envelope C
4	Close For Bidding (Super Hash)		12.02.15	17.31	13.02.15	17.30	Envelope A and Envelope C
5		Submit Bids on line (only with encryption by department pub. Key.)	13.02.15	17.31	16.02.15	17.30	Envelope A and Envelope C
6		1) Physical Submission of EMD in Envelope A (by Post)	28.01.15	17.31	18.02.15	17.30	Submission of EMD & copy of registration etc. (Envelope 'A &B' by registered post/ speed post only)
7	Open Envelope A		19.02.15	10.30	20.02.15	17.30	Envelope A&B
8	Evaluation of Envelope A		19.02.15	10.30	20.02.15	17.30	
9	Open Price/financial bid Envelope C		19.02.15	10.30	20.02.15	17.30	Envelop 'C'
10	Evaluation of price Envelope C (and information to successful bidders in negotiation)		19.02.15	10.30	20.02.15	17.30	
11		Fill Negotiate Rates (if required)	23.02.15	17.31	23.02.15	17.32	
12	View Item rate Form		23.02.15	17.33	23.02.15	17.34	
13	Tender Award		23.02.15	17.35	28.02.15	17.30	

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The bids of the contractors have to be digitally signed by the Digital Certificate of the Contractor before submitting the bids online.

All the contractors are required to submit Envelope A physically containing the following :

1. The Earnest Money Deposit (EMD) as specified in the Tender-documents.
2. Attested copy of Registration certificates.
3. Attested copy of registration amendment certificate
4. Attested copy of valid Commercial Tax Registration certificate in state of Chhattisgarh/valid Commercial Tax clearance certificate.
5. Attested copy of experience certificate.

The contractors shall also upload the scanned copy of EMD instrument along with other details (Pre-qualification document etc.) during Online Bidding submission Process.

Executive Engineer
Municipal Corporation,
(WATER WORKS DEPT.)
Raipur (C.G.)

Note: - All eligible/interested contractors are mandated to get enrolled on the eProcurement portal (<http://cgeprocurement.gov.in>) and get empanelled through the sub-portal (<http://pwd.cgeprocurement.gov.in>) in order to download the tender documents and participate in the subsequent bidding process.

For any other queries regarding online registration on the above mentioned website and digital certificate, please contact to Wipro Limited in Consortium with M/s Nex Tenders (India) Pvt. Ltd., B-31 "SAKET" Opp. Gulab Industries, Shailendra Nagar Raipur - 492 001 (C.G.) Ph. (0771) - 3207996, 3204997, 4221020 (Fax) (0771) 4221023 Email - raipur@nextenders.com

ANNEXURE - O

INFORMATION & INSTRUCTIONS
TO THE BIDDERS OF RAIPUR MUNICIPAL CORPORATION
FOR e-PROCUREMENT SYSTEM (<http://cgeprocurement.gov.in>) Through Sub Portal
(<http://uadd.cgeprocurement.gov.in>) of Urban Administration & Development Corporation

Special conditions and Instructions for e-Procurement System as given in the subsequent pages will over-rule the conditions stated in the Tender document wherever relevant and applicable.

1. Enrollment/Registration & Empanelment of the Contractors/Bidders on Government of Chhattisgarh's e-Procurement Portal.

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://cgeprocurement.gov.in>) and the get empanelled (if required by the Corporation) on the sub-portal of Urban Administration & Development Corporation, Chhattisgarh at <http://uadd.cgeprocurement.gov.in>.

Only after concerned officer approves the empanelment of the contractor/bidder online, the contractor/bidder shall be allowed to participate in the tenders floated by the Corporation using the e-Procurement System.

2. Set-up of Machine:

In order to operate on the e-Procurement System, setting of User's Machine is required. For which the User has to install some utilities in his machine as per the instructions in Help Manual for Machine Setup (Available for download on the e-Procurement Portal). The copy of the same may be obtained From Service Provider of the e-Procurement system:
"Wipro Limited in consortium with the M/s NexTenders (India) Pvt. Ltd."

3. Obtaining a Digital Certificate:

The bids submitted online should be signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an approved certifying authority, authorized by the Controller of Certifying Authorities, Government of India.

A Digital Certificate is issued upon receipt of mandatory identity proofs and verification letters attested by Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued.

The registered contractors may obtain information required to issuance of a class II Digital Signature Certificate from the Controller of Certifying Authorities (www.cga.gov.in) or the Service Provider of e-Procurement system of Government of Chhattisgarh:

Wipro Limited in Consortium with NexTenders (India) Pvt. Ltd.

“Saket” B-31, Shailendra Nagar Raipur
Tel. No. 0771 - 40 79 400, 42 21 020,
Fax No.0771 4221023
E-mail: raipur@nextenders.com

Important Note: Submission of Bids for a particular tender shall be done only using the digital certificate. In case, during the process of a particular tender, the user loses his Digital Certificate (i.e. due to virus attack, hardware problem, operating system problem etc.) he may not be able to submit the bid online. Hence the users are advised to back up the certificate and keep the copies at safe places under proper security to be used in case of emergencies.

In case of online tendering, the digital certificate issued to the authorized user of a firm and used for electronic tendering will be considered equivalent to no-objection certificate/power of attorney to that user. The firm has to authorize a specific individual via an authorization certificate signed by all partners to use the digital certificate as per Indian *IT Act 2000*. Unless the certificate is revoked, it shall be assumed to represent adequate authority of the user to bid on behalf of the firm for the Municipal Corporation tenders as per *Information Technology Act 2000*. The digital signature of this authorized user will be binding on the firm, it shall be the responsibility of management/partners of the registered firm to inform the Certifying Authority or Sub-Certifying Authority, if the authorized user changes, and apply for a fresh digital certificate and issue a fresh ‘*authorization certificate*’ for the new user.

The same procedure holds true for the authorized users in a Private/Public company. In this case, the authorization certificate will have to be signed by the directors of the company.

4. Opening of an Electronic Payment Account:

For submitting the bids online, the contractors/bidders are required to make online payment using the electronic payments gateway service as mentioned in the NIT. Arrangements have been made for Contractors/Bidders to make payments online via Credit Card/Cash Cards/Internet Banking. 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://cgeprocurement.gov.in>).

5. Payments for submission of bids online:

The Tender Documents may be downloaded free of cost from online GOC eProcurement Portal by eligible Contractors/Bidders. The Contractors/Bidders are required to make the payment for bid hash submission through online payment modes mentioned in *Point No.4* above. *In Online Tendering, the "Application Form" for the issue of Tender Documents shall not be required.*

The suppliers shall submit the bids by making online payment of Bid Hash Submission fees using the service of the secure electronic payments gateway, and print out the system generated receipt of their reference which can be produced whenever required.

The secure electronic payments gateway is an online interface between Contractors/Bidders and Credit Card/Online payment authorization network.

Submission of Bids, EMD and other Documents will be governed by the time schedules given under "Key Dates" on the online e-Procurement System Portal for the particular tender.

(Please refer to the Help Manual for viewing of New Tenders online on the e-Procurement Portal)

6. Tender Download: Eligible/Interested Bidders can download the Tender Document online.

7. Submission of Bid Seal (Hash): The online submission of bids will be preceded by submission of the "digitally signed bid seal (hash)" as stated in the tender time schedule (Key Dates) published in the NIT. The contractors cannot change any bid data after the generation of bid seal (Hash).

8. Generation of Super-Hash: After the time of submission of Bid Seal (Hash) by the Contractors/Bidders has lapsed, the bid round will be closed and a "digitally signed tender Super-Hash" which will be prepared by concerned Municipal Corporation Official. This is equivalent to sealing the tender box.

9. Submission of Actual Online Bids: Suppliers have to submit and sign their encrypted bids (by their user Public-Key) online using their digital certificate after the generation of Super-Hash within the date and time as stated in the tender schedule (Key Dates). The electronic bids of only those suppliers who have submitted their bid seals (hashes) within the stipulated time, as per the tender time schedule (Key Dates), shall be accepted by the system. A supplier who does not submit his bid seal (hash) within the stipulated time shall not be allowed to submit his bid.

10. Submission of Earnest Money Deposit: The Suppliers will also submit their Earnest Money Deposit as usual in a sealed physical "Cover-A" and the same should reach the stipulated Municipal Corporation office as stated in the Tender Document, by post. The Supplier shall also upload scanned copy of EMD instrument along with other details during online bidding.

11. Opening of Tender Documents: The authority receiving the tenders or his duly authorized officer shall first open the "Envelope A" of all the contractors/Bidders and check for the validity of EMD and documents submitted in the "Envelope-A", as required by Municipal Corporation. In case, the requirements are incomplete, the Technical Bid of the concerned supplier received shall not be opened.

The authority shall then open the bids submitted by the suppliers online through the e-Procurement website. The official shall match the hash of each bid with the hash submitted by the contractors prior to bid submission. In

12. Fill Negotiated Rates: The bidders may have to fill in Negotiated Rates if so required during this process. In case of no negotiation or no change in rates successful bidder need to complete to Fill Negotiated Rates Stage.

13. Key Dates: The suppliers are strictly advised to follow the tender schedule (Key Dates) for their side of tasks and responsibilities to submit their bids, as the system is time and date locked.

Schedule of Quantity

NAME OF WORK :- Operation of 80 MLD water treatment plant clear water pumping station, Raw water pumping station including Raw & clear water substation at Filter plant Raipur.

S.N.	Particular	Unit	Qty
1	Operation and maintenance of raw water, clear water Pumping station, electric substation and 80 MLD water treatment plant ic (Cleaning at intake well site, 80 MLD plant premises and maint. of garden at 80 MLD plant premises, including Cleaning grass and uprooting of rank vegetation graves brush wood outside the periphery of the area cleared an all work related to filter plant		
	i) Supervisor	Month	12 x 1
	ii) Operator -11	Month	12 x 11
	iii) Unskilled Helper -17	Month	12 x 17

**EXECUTIVE ENGINEER
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RAIPUR (C.G.)**

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- 5- Bdnkjks dks 20 , e-, y-Mh- tyla a ds l pkyu dk vuLko gkus ij ikFkfedrk nh tkoskA
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- 12- fufonk dh foLrR tkudkj h uxj fuxe jk; ij dh osl kbV (<http://cgeprocurement.gov.in>) through sub portal <http://uadd>. Cgeprocurement.gov.in l s iklr dh tk l drh gA
- 13- fu; e , oa "krk rFkk Ldki , oa LiFl fQds'ku dh foLrR tkudkj ANNEXURE- E ea l yXu gA

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ANNEXURE- E

Name of Work – Operation & Maintenance (O&M) of Water Treatment Plant Clear Water Pumping Station, Raw Water Pumping Station including Raw and Clear Water Electric Sub Station for Raipur City Water Supply System.

Location of Works-

- i. Raw Water Pumping Station & Raw Water Electric Sub Station- It is located on the bank of Kharoon River near Village Bhatagaon 3.5 Km away from Raipur City.
- ii. Water Treatment Plant, Clear Water Pumping Station & Clear Water Electric Sub Station –
These are located at Rawanbhata along Ring Road No. 1 and are at distance of 1.5 Km from Raipur City.

Scope & Specification of Works under the contract.-

1. The work under the Contract consists of –
Operation & Maintenance of following works-
 - a. Raw Water Pumping Station & Raw Water Electric Substation.
 - b. Clear Water Pumping Station & Clear Water Sub Station.
 - c. Water Treatment Plant at Rawanbhata
2. All O&M Works shall be carried out as per-
 - a. Government (State & Central) laws & rules such as Indian Electricity Act 1948 ,Factory Act 1948,Contract & Labor (Regulation & Abolition) Act 1972,Compensation Act, Provident Fund Act etc and rules framed under the said acts by the Competent Authority with all up to date amendments.
 - b. Laws and rules prevailing during contract and pertaining to the scope of contract.
 - c. Time to time directions, Instructions & Entire Satisfaction of Engineer In Charge of Raipur Municipal Corporation.(RMC).
3. All Plant, Machinery & Equipments shall be Maintained & Operated by the Contractor.
4. The Electrical Energy for O&M of Pumps at Raw Water & Clear Water Pump Houses and all Electrical & Mechanical Equipments at Water Treatment Plants shall be made available at respective locations by RMC at No Cost. However Diesel, petrol, Kerosene etc. Required for any Dewatering operation at these locations during O&M will have to be Arranged by contractor at his Own cost only.
5. All materials required for smooth running of mechanical part and leak Proof ness of valves as well as Electrical maintenance etc. gland packing, rubber & metallic washers, all electrical items etc shall be arranged by contractor at his cost only.
6. All Chemicals viz- Alum, Liquefied Chlorine, Bleaching powder and Coagulant aides for O&M of Water Treatment Plant shall be arranged by the Deptt.
7. Raw Water up to Bhatagaon Anicut of Storage Capacity 60 MCFT shall be made available by RMC.
8. Similarly cleaning of all unites of WTP for all sorts of depositions viz- Silt, algae, floting materials etc. shall be done by the Contractor.
9. Major repairs work/ Civil Engineering works/ replacement of materials (Providing materials & spares only) will be on Department Account minor repairs, will be on contactor's account
10. All routine maintenance & Operational works will have to be carried out by Contractors Staff only.
11. The Operational Technical, Skilled, Semiskilled, Unskilled staff for Running & maintenance of Raw & Clear Water Pumps, Water Treatment Plant, Electric Sub Stations in required number as prescribed in CPHEEO Manual on Water Supply & Treatment Manual of Govt. Of India, Ministry of Urban Development for all the three shifts of 8 hour duration will have to be deployed by the Contractor.

12. All break down or essential repairs must be carried out immediately so that water supply does not get affected. In case contractor fail to take repair rectification work in time, the Engineer In charge can deploy other agency for such job and expenditure incurred on such job will be recovered from contractor's bill.
13. Maintenance work and if any loss occur to Nagar Nigam Raipur then same will be recovered from contactors payment due and if there is any loss of pumping hour then penalty will imposed as per clause.
14. All Machinery & Equipment at Pump Houses & WTP must be in working Conditions all the time. In case any equipment requires repair or replacement then it must be done maximum within 72 hours in case of failure penalty may be imposed as deem fit by the Engineer in Charge..
15. The dose of Chemical for coagulation & Disinfections should be fixed on actual laboratory test to be carried out at regular intervals as prescribed in CPHEEO Manual.
16. The physical ,Chemical & Bacteriological quality of settled water ,filtered water at filter beds & clear water sump must be maintained as per CPHEEO norms.
17. All measuring devices in pump houses & WTP must be kept in working order duly calibrated as per relevant standards.
18. Day to day record of all consumables must be maintained and must be Produced for verification as and when demanded by Engineer in Charge or Any inspection authority assigned by RMC.
19. In case of power breakdown or insufficient supply of Raw Water immediate Intimation must be given to Engineer in charge through telephone as well as in writing and necessary entries must be made in the relevant log books.
20. Hourly record of running of pumps,& WTP with respect to quantity of water as well as electrical & flow parameters must be maintained in log books.
21. Contractor is responsible for making of quality water as per norms of CPHEEO manual. In case of less supply due to contractors negligence a penalty of Rs.5, 000/- per MLD shall be imposed and hall be Deducted from running bill. Similarly in case the quality of water gets affected with respect to Bacteriological standards a penalty @ Rs. 50, 000/- per day for number of days of default shall be imposed. In case physical & Chemical standards are affected a penalty @ Rs. 5000/- per hour shall be imposed.
22. Contractor should extend full co-operation to Electrical Inspection Dy Director Factories and any other Statutory Authority visiting the plant as per rules. Contractor shall have to comply the suggestions and direction covered under the respective Act and Rule. Contractor will have to arrange necessary to and fro conveyance to them for their inspection of plants. He will responsible to get necessary clearances from Electrical safety dept. and Deputy Director, Factories to run the plant.
23. Contractor will maintain cleanliness ventilation and lighting in the plant & its premises in all three shifts. This include sweeping removing of cobwebs, dust etc. from plant machines and premises. All the materials required for maintaining cleanliness will be on contractor's account.
24. In case of accidental death/injury, causing danger to health/loss of any kind of property and life due to negligence/lapse in the filtration plant. The sole responsibility and liability will be fixed against the contractor. He will be liable to any kind of proceeding investigation damage claim occurred inside the filtration plant and in the city due to any fault in part of contractor in the filtration plant.

25. Each and every filter bed should be chemically treated and back wash thoroughly with solution of sodium hydroxide (NaOH) of 1% strength, to maintain the media in good condition. This chemical treatment should be given as and when required or once in 6 months.
26. All equipments, machineries, flow meters, flow controlling device, LOH, ROF, meters, chlorinators shall be in perfectly working condition. The leakage in WTP should not be observed. There should be no leakage in pipe gallery.
27. Contractor shall maintain the W. T. P. & pumping machinery in good operational condition, round the clock, specifically it should be check that foundation & 'V' notches & launders of clarifier, free from algae and filter bed should not have any mud ball. Back washing should be taken as soon as a head loose of 1.8 mts. Is attached or once in 24 hours whichever come first. Alum solution take & alum solution pipe line should be maintained clean and its machine should be operating condition. Alum solution pipe line must be flushed thoroughly after every use.
28. It will be contractor's responsibility to keep record of daily consumption of electricity and maintain average power factor above 0.9 contractor will receive, scrutinize CSEB energy bill and submit the same to Engineer-in-charges well in advance i. e. at least 7 days in advance. If energy bill is not received from CSEB within course of time and delayed payment charges and or penalty for Low Power Factor (P. F.) is charged and if the cause of the same is not brought to the notice of Engineer-in-charge well in advance, the same will be recovered from contractors monthly bill In short,. and contractor will be reduced the energy consumption to 20% by using apparatus on own cost, contractor will be responsible for collecting, submitting energy bills maintaining average power factor as per norms.
29. Chemicals required for laboratory testing and preparation of standard solution will be supplied by Deptt.

Signature & seal of Contractor

**Executive-Engineer
Nagar Nigam, Raipur (C.G.)**