

# WATER WORKS SECTION IIT Kharagpur

No. : IIT/WW/EE/TEN/2017-18/12

Date: 24.10.2017

## NOTICE INVITING TENDER

**Last Date for submission of Tender: -14<sup>th</sup> Nov,17 upto 3:00 P.M. Bid Opening on 17<sup>th</sup> Nov,17 at 3.30 P.M**

The Executive Engineer, Water Works & Sanitary Section IIT Kharagpur, invites the sealed tender in two bids system from eligible Agency of the Indian Institute of Technology, Kharagpur / CPWD/ PWD/ MES/ Railway for the following work.

Sl. No.	Name of the work	Estimated Cost (Rs.)	Earnest Money Deposit (Rs.)	Time for completion
1	Construction of a new deep tube well near swimming pool area at IIT Kharagpur	7,81,848/-	15,650/-	45 (Forty-five days)

### Eligibility Criteria

The bidder should have executed three similar works each of value 40% of the estimated cost or two similar works each of value 50% of the estimated cost or one work of value 80% of the estimated cost in the last seven years ending last day of the month previous to the one in which the tenders are invited credential in form of completion certificate as well as final bill copy to be enclosed.

The offer/bids to be submitted in two bids system i.e. 1. Technical bid, & 2. Commercial bid. The technical bid must consists of all the details as specified above, as in a eligible criteria, the technical bid & commercial bid must be in separate envelopes duly sealed and marked as "Technical bid" & "Commercial bid" respectively.

Sealed Technical bid and commercial bid are to be put in a big size envelope. "Tender For Above Mentioned Work" is to be written on the left side of this envelope. The technical bid envelop should contains the Cost of tender Paper Rs. 500.00 [Non refundable], (in the form of DD drawn in favour of IIT Kharagpur, payable at Kharagpur) & the EMD of Rs. 15,650/- (in the form of DD drawn in favour of IIT Kharagpur, payable at Kharagpur) also in the same envelope.

The tenderer shall visit & inspect the site & obtain all information on his own responsibility & at own cost, which may be necessary for the purpose of quoting & submitting the tender. No excuse or ignorance as to site conditions & local information shall be accepted after awarding of the contract. All costs, charges & expenses that may be incurred in connection with the preparation of his tender shall be borne by him & the Institute accepts no liability whatsoever therefore. If there is any clarification required, the tenderer shall submit the queries in writing 03 days before the last date & time of submission of the tender, to the Executive Engineer (W.W & Sanitary Section), IIT, Kharagpur.

The bid shall remain valid for a period of 90 days from the date of opening of the bid. If before expiry of the validity period or issue of work order, whichever is earlier, the bidder amends/modifies/withdraws his bid, making unacceptable to the institute, then the Earnest Money Deposit shall be liable to forfeiture at the option of the Institute.

The Rates quoted by the tenderer should be inclusive of all taxes & duties, freight, cost for loading & unloading etc. & must hold good till the completion of work & shall not be subjected to escalation due to increase in local market rates of materials. No claim on this account what so ever shall be entertained at any stage including the extended period.

Each page of bid document shall have to be signed & stamped by the Bidder/ Authorised Signatory before submission. The bidders have to submit the tender documents & correspondences accompanying the tender with proper sign & stamp on each page along with the bid. The person/ officer signing the tender/bid should be delegated with an appropriate **Power of Attorney (duly endorsed by a Notary Public)** by the **owner / Proprietor/ Partner/ CEO/ MD/ Director** of the company to sign such documents.

The Intending bidders will have to produce documentary evidence in original in support of their credentials before the competent authority whenever demanded for verification. If any information furnished by the bidder found as false/fabricated then his bid will be rejected & treated as cancelled, even if the after signing of contract also it would lead to termination of contract at any stage besides liabilities towards prosecution under appropriate law. In such cases the bidder/ tenderer will be debarred from participation in future tendering process.

The sealed envelope containing Commercial Bid of the Tenderers will not be opened if their Technical bids are found unacceptable by the Committee. No conditional offer will be accepted

The tender papers can be submitted on all working days (except holidays) during office hours either by Speed Post/Registered Post addressed to the Executive Engineer (W.W & Sanitary Section), IIT, Kharagpur, 721302 or by dropping the tender papers in the box to be kept in the office of the Executive Engineer (W.W & Sanitary Section), IIT, Kharagpur, 721302, Latest by 3:00 PM on 17<sup>th</sup> Nov, 2017 & it will be open on the same day at 3.30 p.m. In the event of this day being declared as a holiday, the tender papers may be submitted up to the afore-mentioned time on the next working day.

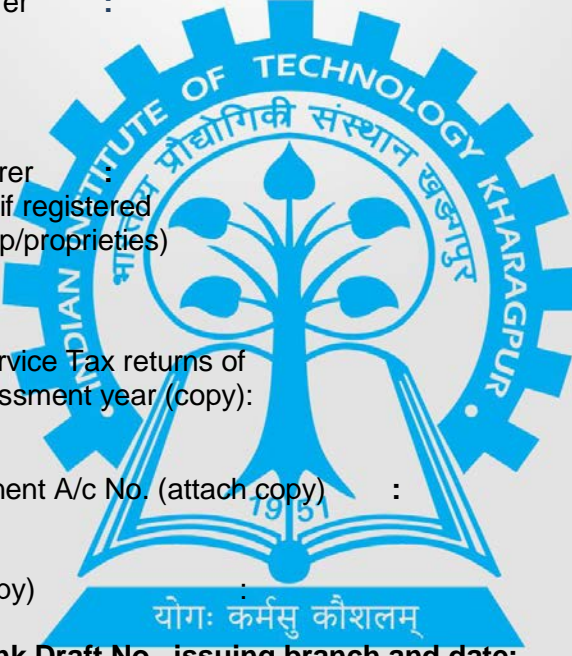
For all these details please visit Institute's website [www.iitkgp.ac.in](http://www.iitkgp.ac.in) (Link: Tenders) as well as CPP portal.

The Institute reserves the right to accept or reject the whole or a part of the lowest offer without showing any reason.

Executive Engineer  
Water Works and Sanitary Section  
On behalf of Indian Institute of Technology Kharagpur

## TECHNICAL BID DOCUMENT

### FORMAT TO BE FILLED BY THE AGENCY OF THE INDIAN INSTITUTE OF TECHNOLOGY/ CPWD/PWD/MES/ ALSO IN GOVT. ACADEMIC INSTITUTIONS. SUBMITTING TENDER FOR SUPPLY FOR IIT KHARAGPUR

1. Name of the Tenderer :
  2. Status of the Tenderer (attach documents, if registered company/partnership/proprieties)
  3. Income Tax and Service Tax returns of previous three assessment year (copy):
  4. Income Tax Permanent A/c No. (attach copy) :
  5. GST No. (attach copy) :
  6. **Details of EMD/Bank Draft No., issuing branch and date:**
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Certified that all above information are correct to the best of my/our information, knowledge and belief.

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Dated signature & seal of the Authorized person of OEM/Vendor

## GENERAL TERMS & CONDITIONS

- (1) Period of validity: Bids shall remain valid for acceptance for a period of *Three months* (90 days) from the date of opening of Price Bids.
- (2) Conditional offer will not be accepted.
- (3) Late Tenders:- Tender received after the due date and time of submission as mentioned below shall not be accepted.
- (4) Indian Agents of Bidders or Indian Agents who are bidding on behalf of their principals are to enclose the following documents:
  - (a) Current Sales Tax clearance certificates and PAN No.
- (5) All Tenders (unless otherwise specified) are to be submitted/handed over to *The Office, of Water Works Section , IIT Kharagpur-721 302.*
- (7) The person attending the bid opening session should be delegated with appropriate Authorization from Company to sign such documents. Only two persons on behalf of each Company will be allowed to participate/attend the Bid opening session.
- (8) Bid once submitted shall be the property of IIT Kharagpur and shall not be returned to the vendor at any time.
- 9) A bid submitted with false information will not only be rejected but the vendor may also be debarred from participation in future tendering process.
- (10) Canvassing in any form not only invites disqualification in this tender but may also result in debarring the vendor from participation in the future tendering process.

**Construction of a new deep tubewell 250x150x155 mm at swimming pool area.**

**WATER WORKS SECTION  
IIT Kharagpur**

**TENDER PAPER ISSUED TO:**



**NAME OF WORK :** Construction of a new deep tube well near swimming pool area at IIT Khargapur.

**Completion Time:** 45 Days.

**Submission of Tender Paper:** 14<sup>th</sup> Nov, 2017 upto 3:00 P.M.

Sl.	Description	Qty.	Unit	Rate	Amount
1	Labour for boring through any type of soil for sinking tubewell of required dia with top enlargement by rig boring system (either by reverse circulation or by direct rotary method) including hire charges and labour for rig machine tools and plants, staging, force pumping set, and making arrangement for water required for boring etc. complete and lowering of pipes, strainers, blind pipes etc. complete.				
	For depth upto 155 M.(150 mm dia. Tubewell with top enlargement of 250 mm dia.)				
i)	First 50 M. for each tubewell	50	Mtr.		
ii)	Next 50 M. for each tubewell	50	Mtr.		
iii)	Remaining depth. for each tubewell	55	Mtr.		
2	Supply of P.V.C pipe , oriplast or its equivalent quality( Sch80 -ASTMD-D-1785) including lowering the pipe in to the well.				
a)	250 mm inside diameter	48	Mtr.		
b)	150 mm inside diameter	54	Mtr.		
3	Supplying at site 150mm normal dia 7.5 mm wall thickness strainer (ribbed) manufactured including cost of carriage, handling, loading, unloading etc. complete as per direction of EIC.	30	Mtr.		
4	Supply of ERW M.S. double flanged column pipe of approved make (heavy quality) as per standard specification ,100 mm dia.	42	Mtr.		
5	Supplying fitting fixing the following accessories.				
a)	Providing 150 mm centre guide.	12	Set		
b)	Supplying, fitting & fixing of 250mmx100mm dia well cover having a cable entry whole with 40mm G.I socket welded	1	No		
c)	150mm dia end plug	1	No		
d)	Supplying fitting fixing MS housing clamp 12 mm thick of approved quality.	2	sets		
6	Geophysical investigation of the aquifer by electro logging system with all tools & plants including supply of necessary report.	1	each test		
7	Packing the annular space between the tubewell pipes & strainers and the bore with pea size washed gravel of approved quality having size from 2 mm to 5 mm or the size approved by the Engineer-in-charge including cost of all materials labour and equipment complete.	24	Cu.M.		
8	Packing the annular space between housing pipe & the bore with puddle clay balls of	10	Cu.M		

	approved size as per direction of E.I.C. with cost of all materials, labour & equipment.				
9	Washing and developing tube well with air compressor pump and engine for eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with V notch including hire and labour charges for all tools and plants and scaffolding as required.	3	Days		
10	Supplying ,fitting & commissioning of suitable size submersible pump set (5 HP) pump & Motor set, including supply of necessary clamps, pressure gauge etc. Pump make: KSB or equivalent acceptable to IIT Kharagpur.	1	Nos		
11	Supplying fitting fixing the following accessories.				
a)	Ms pump nipple 80 x100mm dia	1	each		
b)	D.I Flange bend 90° 100 mm dia	1	each		
c)	100 dia NR Valve	1	each		
d)	100 mm dia sluice valve	2	each		
12	Supplying fitting fixing the following accessories.				
a)	100mm dia short piece 300 mm long C.I D.F	1	each		
b)	100 mm dia flange tee	1	each		
c)	250mm x 150mm dia upvc reducing socket	1	each		
13	Supplying, fitting & commissioning DOL pump control panel for the above mentioned submersible pumps. The panel will have all the monitoring devices (of approved make) like single phase preventer, hour meter, overload protection, indicator lamps, volt meter , ammeter with CT coil etc. L&T parts or its equivalent.	1	No		
14	Fitting fixing of suspension clamp 80mm dia. made of 6mm thick 100mm dia wide.	2	Pairs		
15	Supplying, fixing 4sq mm flat cable for submersible pump.	150	Mtr.		
	Make: Finolex or equivalent acceptable to IIT Kharagpur.				
16	Supplying, fitting & fixing of 250mm dia M.S pipe at top of the tube well	1	Mtr.		
TOTAL AMOUNT					