



**INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR – 721 302, INDIA**

No. : IIT/AGFE/WORKS/Tender/FARM/DKS/2018-19/01

Date: 12.08.2018

**NOTICE INVITING TENDER**

**Last date for submission of Tender on 13.09.2018 upto 5:00 P.M & opening on 20.09.2018 at 3:30 P.M.**

The Head of the Department, Agricultural and Food Engineering Department IIT Kharagpur, invites the sealed tender in two bids system from eligible Agency of the Indian Institute of Technology, Kharagpur / CPWD/PWD/MES/also in Govt. Academic Institutions for the following work.

SI No.	Name of work	Earnest Money Deposit (Rs.)	Paper Cost (Rs.)	Completion time
1.	Construction of 300 mm x 200 mm x 150 m deep tube well at Expt. Farm of AgFE Dept.	15000/-	500/-	1 Month

Exemption for submission of Tender Fee & Earnest Money Deposit will be followed as per Government of India rules subject to submission of proper & valid necessary documents.

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 60% 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 value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of applications for tenders.

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 later, 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 each Tender Paper Rs.500.00 [Non refundable], (in the form of DD drawn in favour of IIT Kharagpur, payable at Kharagpur) & the EMD (in the form of DD drawn in favour of IIT Kharagpur, payable at Kharagpur) also in the same envelope.

Completion certificate issued by Competent Authority will only be considered as credential. If the Completion certificate issued by Competent Authority does not reflect the type of work, then Final bill / Schedule of quantity of the qualifying works also be attached along with the Completion certificates. Certificate from private individuals / Organisations for whom such works have been executed shall not be accepted.

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 **Prof D.K. Swain, Prof-in Charge(Expt. Farm), 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, GST & 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.

Corrigendum and addendum, if any would appear on the IIT Kharagpur website & CPP Portal only and not to be published in any news paper. IIT Kharagpur reserves the right to reject any or all the tenders in part or full without assigning any reasons thereof.

In case the bid submission date happens to be a non-working day for any reason, then the date will be automatically get extended to the next working day in the Institution.

Tender document to be downloaded from the Institute website [www.iitkgp.ac.in](http://www.iitkgp.ac.in) and the tender shall be submitted along with Demand Draft of Rs.1000/- (towards the cost of bid document non refundable) in favour of "IIT Kharagpur" and payable at kharagpur, otherwise the tender will be treated as cancelled

The sealed envelope containing Commercial Bid of the Tenderers will not be opened if their Technical bids are found unacceptable by the Committee.

The tender papers can be submitted on all working days (except holidays) during office hours either by Speed Post/Registered Post addressed to **Prof D.K.Swain,Prof-in-Charge(Expt.Farm), Agricultural and Food Engineering Department, IIT, Kharagpur, 721302** or by dropping the tender papers in the box to be kept in the office of the Agricultural and Food Engineering Department, IIT, Kharagpur, 721302, Latest by 5:00 PM on 13.09.2018 & it will be open on 20.09.2018 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 also.

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

Head  
Agricultural and Food Engineering Department  
On behalf of Indian Institute of Technology Kharagpur

Agricultural and Food Engineering Department  
IIT Kharagpur

TENDER PAPER ISSUED TO :

NAME OF WORK : Construction of 300 mm x 200 mm x 150 m deep tube well at  
Expt. Farm of Agricultural and Food Engineering Department

Submission of Tender Paper 13.09.2018 upto 5:00 P.M.

## 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/proprietorship)
  
3. Whether OEM/representing foreign principle :  
(attach copy of certificate/authorization)
  
4. Details of key top official/authorized official :  
(attach details)
  
5. Details of tie-ups for supply/services, if any:  
(Attach details, agreements, escalation matrix)
  
6. Income Tax and Service Tax returns of previous three assessment year (copy):
  
7. Financial status of bidder and/or his associates including Annual Report & Balance Sheet/Statement of Account of past three years with Registration of Companies (ROC) receipts duly authenticated by Chartered Accountant :
  
8. Current list/address of clients where similar material has been supplied and successfully working :
  
9. Name of the vendor's three largest clients, to whom similar products and services were extended & amount of transaction/annual bills to such clients :
  
10. Income Tax Permanent A/c No. (attach copy) :
  
11. **Details of EMD/Bank Draft No., issuing branch and date:**
  
12. GST Registration :

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.
  - (b) Banker's Solvency Certificate.
  - (c) Summary of Audited statement of Accounts for the last three years to be enclosed and financial highlights.
- (5) Customer satisfaction/ completion certificate from one such organization is to be attached with the technical bid.
- (6) All Tenders (unless otherwise specified) are to be submitted/handed over to *The Office, of Agricultural and Food Engineering Dept. , 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.
- (11) Tender Paper cost & EMD to be paid by demand draft in favour of "IIT Kharagpur" on any nationalized Bank of India payable at Kharagpur Branch. Earnest Money will be converted to Security Deposit of successful tenderer.

## Construction of 300mmx200mm x150m deep tube well at Expt. Farm of Agricultural and Food Engineering Dept.

SI No	Description of Work	Quantity	Unit	Rate ( Rs.)	Amount ( Rs. )
1	Labour for boring through any type of soil for sinking tube well of required dia. with top enlargement by rig boring system (either by reserve 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 250 metre (200 mm dia Tubewell with top enlargement of 300 mm dia.)				
a	First 50 metre	50	Mtr		
b	Next 50 metre	50	Mtr		
c	Next 50 metre	50	Mtr		
d	Remaining Depth	10	Mtr		
2	Supply of P.V.C pipe, Oriplast or its equivalent quality (Sch.80-ASTMD-1785) including lowering the pipe into the well.				
a	300 mm inside diameter	54	Mtr		
b	200 mm inside diameter	68	Mtr		
3	Supplying at site 200 mm normal dia 7.5 mm wall thickness strainer (ribbed pipe) manufactured as per IS-12818-1997 including cost of carriage, handling, loading, unloading etc. Complete as per direction of EIC	34	Mtr		
4	Supply of ERW M.S double flanged column pipe of approved make (heavy quality) as per standard specification 100 mm dia	48	Mtr		
5	Providing 200 mm centre guide. With Clamp	12	Set		
6	Supplying fitting and fixing M.S/ G.I top cap 300 mm dia	1	No		
7	Supplying fitting fixing MS housing clamp for 100 mm dia column pipe & 12 mm thick of approved quality.	2	Set		
8	Geophysical investigation of the aquifer by electro logging system with all tools & plants including supply of necessary report.	1	L.S		
9	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		
10	Packing the annular space between housing pipe & the bore with puddle clay balls of approved size as per direction of E.I.C. with cost of all materials, labour & equipment.	10	Cu.M		

11	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.	5	Days		
12	Supplying ,fitting & commissioning of suitable size submersible pumpset(10 HP),including supply of necessary clamps, pressure gauge etc. acceptable to IIT Kharagpur.	2	Nos		
13	Supplying, fitting & commissioning star delta 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.	1	No		
14	Supplying ,fixing 8 sq mm flat cable for submersible pump. Make: Finolex or equivalent acceptable to IIT Kharagpur.	200	Mtr.		
15	Supplying fitting fixing Steel Rope	105	Mtr		
16	Supplying fitting fixing M.S Nipple 80 X 300 mm	1	Each		
17	Supplying, fitting, fixing of E.R.W.M.S housing pipe 300mm dia having 8mm thickness to match with PVC pipes thread above ground level.	1	Mtr		
18	100 mm dia Suspension Clamp of approved quality	2	Pair		
19	Supplying, fitting and fixing 300mm x 200 mm dia UPVC reducing socket.	1	No		
20	Supplying, fitting and fixing D.I 100 mm 90 degree short bend	17	Kg		
21	Supplying, fitting and fixing D.I 100 mm all flange tee	22	Kg		
22	Supplying, fitting and fixing 100 mm heavy non return valve of approve make	1	No		
23	Supplying, fitting and fixing 100 mm heavy sluice valve of approve make	1	No		
				Base Value= Rs.	
				CGST @ 6%	
				SGST @ 6%	
				Total=	

Signature of the Contractor with date & Seal



