WATER WORKS SECTION
IIT Kharagpur

No. : IIT/WW/EE/TEN/2016-17/30 Date: 09.01.2017

NOTICE INVITING TENDER

Last Date for submission of Tender: - **30th Jan, 2017 upto 4:00 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/also in Govt. Academic Institutions for the following work.

Sl. No.	Name of the work	Estimated Cost (Rs.)	Earnest Money Deposit (Rs.)	Time for completion
1	Water line connection to all the Entrepreneur sheds, new building along with overhead water tanks, all fittings & accessories, new pipelines for Tea gardens and total renovation work at STEP, Gopali Campus.	8,06,114/-	16,100/-	30 (Thirty 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 terders 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. 16,100/- (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.

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 4:00 PM on 30th Jan, 2017. 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(Link: Tenders)

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

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

Estimate for: Water line connection to all the Enterprenuer sheds, new building along with overhead water tanks, all fittings & accessories, new pipelines for Tea gardens and total renovation work at STEP, Gopali Campus.					
Sl. No.	**Description**	**Quantity**	**Unit**	**Rate (Rs.)**	**Amount Rs.**
1	Supplying, fitting and fixing PVC pipes of ORIPLAST or Institute approved make of (medium duty) conforming to ASTMD - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads,fitting, fixing etc. complete in all respect including cost of all necessary fittings as required,jointing materials like teflon, solvent cement etc. in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials.) **For Exposed Work**				
a	15 mm dia	127.00	Mtr		
b	20 mm dia	265.00	Mtr		
c	25 mm dia	60.00	Mtr		
d	40 mm dia	40.00	Mtr		
2	Supplying, fitting and fixing PVC pipes for **underground work** of approved make (medium duty) conforming to ASTMD - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials like teflon, solvent cement etc. cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials No separate payment will be made for accessories, specials.)				
a	20 mm dia	55.00	Mtr		
b	25 mm dia	140.00	Mtr		
c	40 mm dia	60.00	Mtr		
d	50 mm dia	616.00	Mtr		
e	80 mm dia	100.00	Mtr		
3	Supply, fitting, fixing of High Density Poly-ethylene Pipe conforming to IS - 4984 - 1985 (6 Kg / Sq.Cm.) (Working Pressure) complete in all respect including cost of jointing materials like solvent cement etc. in any position above ground. "Finolex" make or as approved by Engineer in charge				
a	40 mm dia	30.00	Mtr		

b	50 mm dia	40.00	Mtr		
4	Stainless Steel sink supplied fitted and fixed of Institute approved make with C.P waste, Coupling, Sink waste pipe 1.15 cm long & C.I bracket. standerd quality. Size 600mm x 450mm x 200mm	18	Nos		
5	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern (White colour) Parryware "Slimline Economy Single flush" or its equivalent approved by Engineer In charge with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	4	Nos		
6	Supplying P.V.C water storage tank of approved quality with closed top with lid (Black) - Multilayer. (500 ltrs. X 16 ,1000 ltrs. X 2 & 2000 X 2)	14000	Ltrs		
7	Supplying, fitting and fixing Chromium plated Bib Cock short body (Equivalent to Code No. 511 of Essco or institute approved brand).	24	Each		
8	32 mm dia P.V.C corrugated waste pipe PRAYAG or equivalent make for basin or sink with coupled at one end 1.15 cm long.	6	Nos		
9	Supplying,fitting and fixing 15 mm dia "PRAYAG" make or Institute approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass/C.P/poly nut, 15 mm dia.,450mm long	6	Nos		
10	Supplying, fitting and fixing Chromium plated round shower 100 mm dia with revolving joint (Equivalent to Code:542N of Essco or institute approved brand)	2	Each		
11	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq.cm. (for water lines only)				
a	20mm dia	2	Each		
b	25mm dia	16	Each		
c	50mm dia	6	Each		
d	80mm dia	2	Each		
12	C.I. Sluice valve100mm dia. with flanged ends drilled to as per I.S. 1358/62 and having all cast iron components as per I.S. 780/71 solid forged bronze inside screw spindle having ultimate tensile strength not less than 4.72 MT per sq. Cm Spindle nut valve and seat faces of hard wear resisting, manufactured from best quality gunmetal conforming to I.S. 780/71, painted black all over with asphalt base paint tested to 21 Kg (hadraulic pressure) per sq. cm., valve opening to anticlockwise direction, fitted and fixed complete.	2	Each		
13	Supplying, fitting & fixing of 100 mm dia. blank flange	2	Each		
14	Supplying,fitting & fixing of 80mm dia. long bend	2	Each		
15	Supplying,fitting & fixing of 80mm dia. Socket	2	Each		
16	Supplying, fitting & fixing of 20mm dia. rotating Sprinkler	20	Each		
17	Dismantling G.I or P.V.C Pipe with fittings carefully including removing to any distance and stacking				

a	15 mm dia to 32 mm dia	116.00	Mtr		
b	40 mm dia to 50 mm dia	156.00	Mtr		
18	Cutting chase upto 125 x 150 mm. and subsequent mending of damages.				
a	In brick wall	15.00	Mtr		
b	In concrete wall	5.00	Mtr		
19	Brick work with 1st class bricks in cement mortar (1:4), in foundation & plinth	3.60	Cum		
20	15 mm thick plaster with cement mortor (1:4)	8.90	Sqm		
21	Neat cement punning about 1.5mm thick in wall,dado,window sill,floor etc. NOTE:Cement 0.152 cu.m per100 sq.m.	8.90	Sqm		
				Total: Rs.	

WATER WORKS SECTION
IIT Kharagpur

TENDER PAPER ISSUED TO:

NAME OF WORK : Water line connection to all the Enterprenuer sheds, new building along with overhead water tanks, all fittings & accessories, new pipelines for Tea gardens and total renovation work at STEP, Gopali Campus.

Completion Time: 30 Days.

Submission of Tender Paper: **30th Jan, 2017 upto 4:00 P.M.**