

No: IIT Mandi (CW)/SE-817/2016-17/1774-75

Date: 31-01-2017

**NOTICE INVITING TENDER**

Sealed item rate tender from eligible contractor of appropriate class enlisted with CPWD, BSNL or HPPWD dealing with civil works for the following works as per schedule attached are hereby invited by the undersigned. Tender shall be received upto 01:00 PM on 10-02-2017 and shall be opened on same day at 03:30 PM in the O/o Superintending Engineer, IIT Mandi at Kamand in the presence of intending contractors or their authorized representatives.

Name of work:- C/o sewerage line, soak pit and septic tank for faculty housing block and guest house at Gharpa, South campus of IIT Mandi.

----- As Per Schedule Attached -----

**Terms & Conditions:-**

- 1 The work will be carried out as per CPWD General Specifications for Civil works amended up to date & as per the instructions of the Engineer-in-charge.
- 2 This works is of urgent nature and is to be completed within 25 days.
- 3 All damages done during execution of the work is to be made good by the contractor and nothing extra will be paid separately for the same.
- 4 The Prices quoted should be net and nothing extra is to be paid.
- 5 Contractor shall abide by labour rules and regulations.
- 6 All the applicable taxes shall be deducted from bill.
- 7 All material to be used on the work will have to be got approved from the Engineer-in-charge.

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Superintending Engineer

**COPY TO:-**

1. Institute website
2. Notice Board, IIT Mandi.

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Superintending Engineer

## INDIAN INSTITUTE OF TECHNOLOGY MANDI NOTICE INVITING TENDER

Item rate tender is invited by The Superintending Engineer, IIT Mandi on behalf of Board of Governor from approved and eligible Contractors of appropriate class enlisted with CPWD, BSNL or HPPWD etc. dealing with civil works for "C/o sewerage line, soak pit and septic tank for faculty housing block and guest house at Gharpa, South campus of IIT Mandi".

The enlistment of the contractors should be valid on the last date of sale of tenders.

In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tenders.

In case both the last date of receipt of application and sale of tenders are extended, the enlistment of contractor should be valid on either of the two dates i.e. original date of sale of tender or on the extended date of sale of tenders.

1.1 The work is estimated to cost Rs. 4,04,748/-. This estimate, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the tenders. He will also nominate Division which will deal with all matters relating to the invitation of tenders.

For composite tender, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of each component separately. The eligibility of tenderer will correspond to the combined estimated cost of different components put to tender.

1.2 Tenders will be issued to eligible contractors provided they produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

### Criteria of eligibility for issue of tender documents

1.2.1 Conditions for Non-CPWD contractors only, if tenders are also open to non-CPWD contractors. For works estimated to cost up to Rs. 15 Crore.

Three similar works each of value not less than 40% of estimated cost or two similar work each of value not less than 50% of estimated cost or one similar work of value not less than 80% of estimated cost (rounded to nearest Rs. 10 lac) in last 7 years ending last day of the month previous to the one in which the tenders are invited.

Note :- For works costing above Rs. 3 Crore but up to Rs. 15 Crore, when tenders are open to non-CPWD contractors also, then class II contractors of CPWD shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.

1.2.2 Criteria of eligibility for CPWD as well as non-CPWD contractors.

For works estimated to cost above Rs. 15 Crore.

Three similar works each of value not less than 40% of estimated cost or two similar work each of value not less than 60% of estimated cost or one similar work of value not less than 80% of estimated cost (rounded to

~~nearest Rs. 10 lac) in last 7 years ending last day of the month previous to the one in which the tenders are invited.~~

~~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 the last date of receipt of application for tender.~~

### 1.2.3 To become eligible for issue of tender, the tenderer shall have to furnish an affidavit as under :-

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in IIT Mandi in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

2. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD 7/8 which is available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be 25 days from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work is available.

OR

The site for the work shall be made available in parts as specified below:-

5. Tender document consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the office of the SE, IIT Mandi at Kamand campus between hours of 09:00 AM & 05:00 PM from 31-01-2017 to 09-02-2017 everyday except on Saturday, Sunday and Public Holidays. Cost of the tender document i.e. Rs 500/- (Five Hundred only) in the shape of DD in favour of Registrar, IIT Mandi payable at Kamand, Distt. Mandi (H.P.) of any schedule bank shall be submitted by the tenderer at the time of submission of tender.
6. (i) Tenders shall be accompanied with Earnest money of Rs. 8,095 /- (Rupee Eight Thousand and Ninety Five only) in the shape of Deposit at Call receipt of a scheduled bank/fixed deposit receipt of a scheduled bank/demand draft of a scheduled bank issued in favour of Registrar, IIT Mandi, payable at Kamand, Distt. Mandi (H.P.).
  - ii) The tender, earnest money and the cost of tender document shall be placed in separate sealed envelopes, each marked "Tender", "Earnest Money" and "Cost of Tender document" respectively. All the envelopes shall be submitted together in another sealed envelope with the name of work, NIT no. and due date of opening written on envelope, which will be received upto 01:00 PM on 10-02-2017 at Kamand campus of IIT Mandi and will be opened by the undersigned on same day at 03:30 PM in Kamand campus of IIT Mandi in the presence of intending tenders or his authorized representative. The envelop marked "Tender" of only those tenderers shall be opened, whose earnest money, placed in the other envelope, is found to be in order.
7. The contractor whose tender is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of DD in favour of Registrar IIT Mandi payable at Kamand, Distt. Mandi (H.P.).

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F'. including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

8. The description of the work is as follows: **C/o sewerage line, soak pit and septic tank for faculty housing block and guest house at Gharpa, South campus of IIT Mandi** and further details as per schedule of quantity. Copies of other drawing and documents pertaining to the works will be open for inspection by the tenderers at the office of above mentioned officer.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

9. The competent authority on behalf of the BoG does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
10. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
11. The competent authority on behalf of BoG reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
12. The contractor shall not be permitted to tender for works in the IIT Mandi responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Indian Institute of Technology or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
13. No Engineer of gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
14. The tender for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of tenders/Ninety days from the date of opening of financial bid in case tenders are invited on 2/3 envelop system (strike out as the case may be) if any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

15. This notice inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
  - b) Standard C.P.W.D. Form 7/8

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Superintending Engineer

## SCHEDULE OF QUANTITY

Name of work : - C/o sewerage line, soak pit and septic tank for faculty housing block and guest house at Gharpa, South campus of IIT Mandi.

Sr. No.	Description of items	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto all distance and lift upto all height, as directed by Engineer-in-charge all kinds of soil as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	115.00	cum			
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead upto all distance all kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	85.00	mtr.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level "1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	3.00	cum			
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	10.00	cum			
5	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	22.00	sqm			
6	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	20.00	sqm			
7	Edges of slabs and breaks in floors and walls Under 20 cm wide as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	24.00	metre			
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	403.00	kg			
9	P/L Hard stone for soling Hand packet under floor including carriage of material with in all lead & lift as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	11.00	cum			
10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement: 4 coarse sand) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	5.00	Sqm			
11	Coursed rubble masonry (second sort) with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement: 6 coarse sand) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	18.00	cum			
12	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix 1:3 (1 cement: 3 fine sand) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	46.00	Sqm			

Sr. No.	Description of items	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
13	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	13.00	mtr			
14	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design 150 x 100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	6.00	Each			
15	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 150 mm dia. R.C.C. pipe as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	89.00	mtr			
16	Constructing brick masonry manhole in cement mortar 1:4 (1cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominalsize), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	9.00	Each			
17	Constructing brick masonry circular manhole 1.22 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand) inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design 1.68 m deep with SFRC Cover and frame (heavy duty HD20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg. fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1.00	Each			
18	Extra depth for circular type manhole 1.22 m internal dia (at bottom) beyond 1.68 m to 2.29 m With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	0.60	mtr			
19	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1.00	Each			
20	Providing and fixing PVC terminal guard pvc 100 mm as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1.00	Each			

Sr. No.	Description of items	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
21	Supplying and fixing C.I. cover with frame for manholes and Septic Tank 455x610 mm rectangular C.I. cover (light duty) the weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	2.00	each			
						Total

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Superintending Engineer