

No: IIT Mandi(CW)/SE-656/2014-15/681-682

Date: 05-01-2015

**NOTICE INVITING QUOTATION**

Quotation as per schedule attached is hereby invited by the undersigned so as to reach this office on or before 13-01-2015 upto 01:00 PM and shall be opened on same day at 03:30 PM in the O/o Superintending Engineer, IIT Mandi at Kamand campus in the presence of intending contractors or their authorized representatives.

**Name of work: Laying of sewerage line and water supply line for LGSF hostel between Studio apartment and Dining hall at Kamand 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. The work is of urgent nature and is to be completed within 30 days from issue of work order.
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. IIT Mandi website.
  2. Notice Board, IIT Mandi.

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Superintending Engineer

## SCHEDULE OF QUANTITY

Name of work : - Laying of sewerage line and water supply line for LGSF hostel between Studio apartment and Dining hall at Kamand campus of IIT Mandi						
Sr. No.	Description of items	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
<b>Earth work</b>						
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m all kinds of soil as per entire satisfaction and direction of Engineer-in-charge.	15.04	cum			
2	P/L Hard stone soling hHand packet under floor including carriage of material with in all lead & lift as per entire satisfaction and direction of Engineer-in-charge.	1.99	cum			
3	Providing and laying in position cement concrete of specified gradeexcluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) as per entire satisfaction and direction of Engineer-in-charge.	1.33	cum			
<b>Stone Work</b>						
4	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.	4.91	cum			
5	P/L hard stone bolder filling back side of retaining wall and breast wall as per entire satisfaction and direction of Engineer-in-charge.	1.23	cum			
6	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 of 50 m 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.	8.00	metre			
7	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded 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.	1.00	Each			
8	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 100x100 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.	2.00	Each			
9	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.	11.00	metre			
10	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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 Bend 87.5° 110 mm bend as per entire satisfaction and direction of Engineer-in-charge.	4.00	Each			
11	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore as per entire satisfaction and direction of Engineer-in-charge.	1.00	Each			
12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc 25 mm dia nominal bore as per entire satisfaction and direction of Engineer-in-charge.	230.00	metre			
13	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 25 mm nominal bore as per entire satisfaction and direction of Engineer-in-charge.	2.00	Each			
14	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 25 mm nominal bore as per entire satisfaction and direction of Engineer-in-charge.	12.00	Each			
15	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 25 mm nominal bore as per entire satisfaction and direction of Engineer-in-charge.	7.00	Each			
<b>Total</b>						