

No: IIT Mandi (CW)/SE- 973/2018-19/1884-85

Date: 18-05-2018

NOTICE INVITING QUOTATION

Quotation for the work "**Brick work and water proofing for lift in A-07 building at Kamand Campus of IIT Mandi.**" as per schedule attached is hereby invited by the undersigned from registered contractors of appropriate class which shall be handed over to members of works/purchase committee on or before **23-05-2018 up to 03:00 PM** and shall be opened on the same day at **03:30 PM** in the O/o Superintending Engineer, IIT Mandi at Kamand campus in the presence of intending contractor or their authorized representatives.

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 **15 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. Compensation of delay of work will be @ 0.05% per day.
8. Certificate of Registration should also be attached with NIQ.
9. All material to be used on the work will have to be got approved from the Engineer-in-charge.

Sd/-
Superintending Engineer

COPY TO:-

1. Notice board.
2. Institute Website.

Sd/-
Superintending Engineer

Schedule of Quantity

Name of work : - **Brick work and water proofing for lift in A-07 building at Kamand Campus of IIT Mandi.**

Sr. No.	Description of items	Qty.	Unit	Rates(In Rs)		Amount(In Rs)
				(In Figure)	(In Words)	
1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:6 (1 cement : 6 coarse sand) as per entire satisfaction and direction of engineer –in –charge.	3.30	cum			
2	Providing and laying hard stone for soling hand packed under floor i.e carriage of material with in lead and lift. as per entire satisfaction and direction of engineer –in –charge.	0.70	cum			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (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.	0.70	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).: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.	0.70	cum			
5	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size). as per entire satisfaction and direction of engineer –in –charge.	0.30	cum			
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Lintels, beams, plinth beams, girders, bressumers and cantilevers as per entire satisfaction and direction of engineer –in –charge.	2.10	sqm			
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500 D or more. as per entire satisfaction and direction of engineer –in –charge.	30.00	kg			
8	12 mm cement plaster : 1:6 (1 cement: 6 coarse sand) as per entire satisfaction and direction of engineer –in –charge.	19.00	sqm			

Sr. No.	Description of items	Qty.	Unit	Rates(In Rs)		Amount(In Rs)
				(In Figure)	(In Words)	
9	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels/ subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI- 212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guaranteed for 10 years against any leakage. For horizontal surface one coat @1.10 kg per sqm. as per entire satisfaction and direction of engineer-in-charge.	5.00	sqm			
10	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels/ subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI- 212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guaranteed for 10 years against any leakage. For vertical surface two coats @0.70 kg per sqm per coat as per entire satisfaction and direction of engineer-in-charge.	14.50	sqm			
				Total		

- Note :-
1. Quoted rate should be inclusive of all applicable taxes including GST(nothing extra shall be payable).
 2. All Statutory deduction will be made as per prevailing rates.

sd/-
Superintending Engineer