

No:-IIT Mandi(CW)/SE-956/2018-19/205-206

Dated: 06.04.2018

NOTICE INVITING QUOTATION

Sealed item rate quotations as per schedule attached are hereby invited by the undersigned from registered contractors so as to reach in this office on or before **11/04/2018 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 contractors or their authorized representatives.

Name of work: -Construction of Environmental Engineering Lab at North Campus of IIT Mandi. S.H.:- Providing EI in Environmental Engineering Lab.

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

Terms & Conditions:-

1. The work will be carried out as per CPWD General Specifications for **Electrical 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.
3. All damages done during execution of the work is to be made good by the agency 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. Agency 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 :- Construction of Environmental Engineering Lab at North Campus of IIT Mandi. S.H. :- Providing EI in Environmental Engineering Lab.

Sr. No.	Item Description	Qty	Unit	Rates(In Rs)		Amount (In Rs)
				(In Figure)	(In Words)	
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed heavy duty PVC casing, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required of make:- Havells, KEI, Finolex as per entire satisfaction and direction of engineer-in-charge.	42	Point			
2	Supplying and fixingn two Modular stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required of make:- Havells Crabtree Athena, Northwest, Philips as per entire satisfaction and direction of engineer-in-charge.	6	Each			
3	Wiring for circuit/ submain wiring along with earth wire with the 2 x 2.5 Sq. mm. + 1 x 2.5 Sq. mm of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy duty PVC casing as required of make:- Havells, KEI, Finolex as per entire satisfaction and direction of engineer-in-charge.	75	Metre			
4	Supplying and drawing 3 x 4 Sq. mm FRLS PVC insulated copper conductor single core cable in existing surface / recessed heavy duty PVC casing as required of make:- Havells, KEI, Finolex. as per entire satisfaction and direction of engineer-in-charge.	100	Metre			
5	Supplying and drawing 6 x 4 Sq. mm. FRLS PVC insulated copper conductor single core cable in existing surface / recessed heavy duty PVC casing as required of make:- Havells, KEI, Finolex as per entire satisfaction and direction of engineer-in-charge.	40	Metre			
6	Supplying and drawing 9 x 4 Sq. mm FRLS PVC insulated copper conductor single core cable in existing surface / recessed heavy duty PVC casing as required of make:- Havells, KEI, Finolex as per entire satisfaction and direction of engineer-in-charge.	120	Metre			
7	Supplying and drawing 3 x 6 Sq. mm FRLS PVC insulated copper conductor single core cable in existing surface / recessed heavy duty PVC casing as required of make:- Havells, KEI, Finolex as per entire satisfaction and direction of engineer-in-charge.	20	Metre			
8	Supplying of 16 Sq. mm size of 1.1 KV four core copper conductor PVC insulated, galvanized steel wire/strip armoured Cables. Conforming to IS:7098 Part-I amended up to date of make:- Havells , KEI, Polycab as per entire satisfaction and direction of engineer-in-charge.	55	Metre			
9	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loor earthing as required as per entire satisfaction and direction of engineer-in-charge.	110	Metre			
10	Laying and fixing of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of up to 35 sq. mm (Clamped with 1mm thick saddle) as per entire satisfaction and direction of engineer-in-charge.	55	Metre			
11	Supplying and fixing 5/6 amp switch modular on the existing modular plate & switch box including connections but excluding modular plate etc. as required of make :- Havells Crabtree Athena, Northwest, Philips as per entire satisfaction and direction of engineer-in-charge.	38	Each			
12	Supplying and fixing 3 pin 5/6 amp socket outlet modular on the existing modular plate & switch box including connections but excluding modular plate etc. as required of make :- Havells Crabtree Athena, Northwest, Philips as per entire satisfaction and direction of engineer-in-charge.	38	Each			
13	Supplying and fixing 15/16 amp switch modular on the existing modular plate & switch box including connections but excluding modular plate etc. as required of make :- Havells Crabtree Athena, Northwest, Philips as per entire satisfaction and direction of engineer-in-charge.	16	Each			

Sr. No.	Item Description	Qty	Unit	Rates(In Rs)		Amount (In Rs)
				(In Figure)	(In Words)	
14	Supplying and fixing 6 pin 15/16 amp socket outlet modular on the existing modular plate & switch box including connections but excluding modular plate etc. as required of make :- Havells Crabtree Athena, Northwest, Philips as per entire satisfaction and direction of engineer-in-charge.	16	Each			
15	Supplying and fixing 3 Module , PVC box alongwith modular base & cover plate for modular switches in recess etc as required of make :- Havells Crabtree Athena, Northwest, Philips as per entire satisfaction and direction of engineer-in-charge.	12	Each			
16	Supplying and fixing 6 Module , PVC box alongwith modular base & cover plate for modular switches in recess etc as required as per entire satisfaction and direction of engineer-in-charge.	7	Each			
17	Supplying and fixing 12 Module , PVC box alongwith modular base & cover plate for modular switches in recess etc as required of make :- Havells Crabtree Athena, Northwest, Philips as per entire satisfaction and direction of engineer-in-charge.	7	Each			
18	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of Single pole, in the existing MCB DB complete with connections, testing and commissioning etc. as required of make:- Havells, C&S, L&T, Hager as per entire satisfaction and direction of engineer-in-charge.	31	Each			
19	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required of make:- Havells, C&S, L&T, Hager as per entire satisfaction and direction of engineer-in-charge.	1	Each			
20	Supplying and fixing 63 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of Triple Pole and neutral, in the existing MCB DB complete with connections, testing and commissioning etc. as required of make:- Havells, C&S, L&T, Hager as per entire satisfaction and direction of engineer-in-charge.	1	Each			
21	Supplying and fixing 63 amps rating, four pole,(three phase and neutral), 415 volts, residual current circuit breaker (RCCB),having a sensitivity current upto 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required of make:- Havells, C&S, L&T, Hager as per entire satisfaction and direction of engineer-in-charge.	1	Each			
22	Supplying and fixing 12 way (8 + 36), Double door, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) of make:- Havells, C&S, L&T, Hager as per entire satisfaction and direction of engineer-in-charge.	1	Each			
23	Supplying and fixing of Heavy duty 32 mm PVC casing caping double lock along with accessories in surface as required of make :- Diplast, Polyfit, AKG as per entire satisfaction and direction of engineer-in-charge.	270	Metre			
24	Supplying, installation, testing and commissioning of decorative ultra slim LED lighting fixture with co extruded polycarbonate body, environmental friendly, energy efficient 20 watt LED 6500K luminaries of make:- Havells, Wipro, Philips as per entire satisfaction and direction of engineer-in-charge.	19	Each			
25	Supply, installation, testing & commissioning of Energy saving 5 star rating ceiling fan 1200 mm sweep complete with required mounting bracket./down rod of required size and length , connecting wires etc . of make:- Havells, Usha, Bajaj as per entire satisfaction and direction of engineer-in-charge.	6	Each			
26	Supplying and fixing extra down rod of 150 cm length G.I. pipe,15 mm dia, heavy gauge including painting etc. as required as per entire satisfaction and direction of engineer-in-charge.	6	Each			

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				(In Figure)	(In Words)	
27	Supply, installation, testing & commissioning of Exhaust fan 250 mm sweep complete with required mounting bracket, of required size and length , connecting wires etc. of make:- Havells, Bajaj, Usha as per entire satisfaction and direction of engineer-in-charge.	7	Each			
	Total					

sd/-
Superintending Engineer