

No:-IIT Mandi (CW)/SE-944/2017-18/11949-50

Dated: 19.03.2018

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 **23/03/2018 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:-**Providing additional points for BioX Lab in A-6 building 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 **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

Schedukle of Quantity

Name of Work:- Providing additional points for BioX Lab in A-6 building at Kamand Campus of IIT Mandi.

Sr. No.	Item Description	Qty	Unit	Rate (INR)	Amount (INR)
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. as required of make Havells, KEI, Finolex as per entire satisfaction and direction of Engineer - in - charge.	10	Point		
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy duty PVC casing as required.2 x 2.5 Sq. mm. + 1 x 2.5 Sq. mm of make Havells, KEI, Finolex as required as per entire satisfaction and direction of Engineer - in - charge.	65	Metre		
3	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.	130	Metre		
4	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 required as per entire satisfaction and direction of Engineer - in - charge.	45	Metre		
5	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 required as per entire satisfaction and direction of Engineer - in - charge.	90	Metre		
6	Supplying of 4 core 16 Sq. mm XLPE round unarmoured power cable 1.1 KV grade Conforming to IS :7908 Part-1 amended up to date, of make Havelss, Polyucab, Finolex as required as per entire satisfaction and direction of Engineer - in - charge.	10	Metre		
7	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loor earthing as required. as required as per entire satisfaction and direction of Engineer - in - charge.	20	Metre		

8	Supplying of 3.5 core 50sq. Mm of 1.1 KV aluminium conductor XLPE Insulated, Armoured Cables. Conforming to IS:7908 Part-I 1988 amended up to date of make Havells, Polycab, Finolex as per entire satisfaction and direction of Engineer - in - charge.	10	Metre		
9	Supplying of 8 SWG dia G.I. wire as per entire satisfaction and direction of Engineer - in - charge.	2	Kg		
10	Erection of G.I Wire No. 8 SWG including binding etc. as required as per entire satisfaction and direction of Engineer - in - charge.	2	Kg		
11	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 required as per entire satisfaction and direction of Engineer - in - charge.	10	Metre		
12	Laying and fixing of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of above 35 sq. mm and upto 95 sq. mm (Clamped with 25X3 mm MS flat clamp) as per entire satisfaction and direction of Engineer - in - charge.	10	Metre		
13	Supplying and fixing 5/6 amps switch modular on the existing modular plate & switch box including connections but excluding modular plate etc. as required of make Havells Crabtree, Philips, North West. as required as per entire satisfaction and direction of Engineer - in - charge.	16	Each		
14	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, Philips, North West. as required as per entire satisfaction and direction of Engineer - in - charge.	16	Each		
15	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, Philips, North West. as required as per entire satisfaction and direction of Engineer - in - charge.	24	Each		
16	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, Philips, North West. as required as per entire satisfaction and direction of Engineer - in - charge.	24	Each		

17	Supplying and fixing 6 Module PVC box alongwith modular base & cover plate for modular switches in recess etc as required of make Havells Crabtree, Philips, North West. as required as per entire satisfaction and direction of Engineer - in - charge.	20	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 as required as per entire satisfaction and direction of Engineer - in - charge.	23	Each		
19	Supplying and fixing 63 amps rating, four pole, 415 volts, MCB in the existing TPN Box complete with connections, testing and commissioning etc. as required of make Havells, C&S, L&T as per entire satisfaction and direction of Engineer - in - charge.	1	Each		
20	Supplying and fixing 63 amps rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required of make Havells, C&S, L&T as per entire satisfaction and direction of Engineer - in - charge.	1	Each		
21	Supplying and fixing 63 amps rating, Three pole, 415 volts, MCB in the existing TPN Box complete with connections, testing and commissioning etc. as required of make Havells, C&S, L&T as per entire satisfaction and direction of Engineer - in - charge.	4	Each		
22	Providing and fixing 200 Amp, 36 KA, FP MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. Suitable for fitting in verticle DB frame of make Havells, C&S, L&T as per entire satisfaction and direction of Engineer - in - charge.	1	Each		
23	Supplying and fixing 8 way (8 + 24), 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 as per entire satisfaction and direction of Engineer - in - charge.	1	Each		

24	Supplying and fixing 200 Amp 4 way (4+12) Way, Double door, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, (but without MCB's and incomer) with provision of 200 amps TP 36 KA MCCB as incomer, interconnection between incomer MCCB and bus bars as required of make Havells, C&S, L&T as per entire satisfaction and direction of Engineer - in - charge.	1	Each		
25	Supplying, installation, testing and commissioning of decorative ultra slim LED lighting fixture with co extruded polycarbonate body, environmental friendly, energy efficient 20/22 watt LED 6000K luminaries of make Havells, Wipro, GE, Philips. as per entire satisfaction and direction of Engineer - in - charge.	6	Each		
26	Supply, installation, testing & commissioning of Exhaust fan 250 mm sweep complete with required mounting bracket, of required size and length , connecting wires etc. as per specification. (HAVELLS) Fan Ventil Air - DX White, Bajaj, Usha. as per entire satisfaction and direction of Engineer - in - charge.	2	Each		
27	Supplying and fixing of Heavy duty 25 mm PVC casing capping double lock along with accessories in surface as required. Make of Diplast,Polyfit,AKG. as per entire satisfaction and direction of Engineer - in - charge.	95	Metre		
28	Supplying and fixing of 25 mm medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Make of Diplast,Polyfit,AKG. as per entire satisfaction and direction of Engineer - in - charge.	50	Metre		
29	Supplying and fixing of 32 mm medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Make of Diplast,Polyfit,AKG. as per entire satisfaction and direction of Engineer - in - charge.	120	Metre		
	Total				

sd/-
Superintending Engineer