

IITMandi(CW)/SE-1130/2020-21/4018-19

Dated: 24/11/2020

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 **03/12/2020 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 Lights in Multi-Level Car Parking in front of ST-01 & ST-02 at LP-01 North 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 to be completed within **90 days** from issue of work order.
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 the bill.
7. Compensation of delay of work will be @ 0.05% per day.
8. GST Registration Certificate should also be attached with NIQ.
9. Certificate of enlistment with Central/State Govt. Organization/Central Autonomous body/Central Public Sector Undertaking should also be attached with NIQ.
10. 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

LIST OF APPROVED MAKES

Sr No.	Product	Make
1	Wires	<ul style="list-style-type: none">• Havells• Finolex• KEI
2	Switches / Sockets / PVC BOX & Sheet Sheet. (Modular)	<ul style="list-style-type: none">• Havells Crabtree Athena• North West.• L&T
3	MCB DBs	<ul style="list-style-type: none">• L&T• Havells• Schneider
4	MCBs/RCCBs/MCCBs	<ul style="list-style-type: none">• L&T• Havells• Schneider
5	PVC Pipe/ PVC Casing Capping	<ul style="list-style-type: none">• AKG• Diplast• Polyfit
6	LED Light Fixture	<ul style="list-style-type: none">• Syska• Gold Medal.• Havells
7	Cables	<ul style="list-style-type: none">• Havelss.• KEI.• Arkalyte (KENT)
	All other items not covered above	As per approval of the Engineer-in-charge.

Note: - The Superintending Engineer, IIT Mandi reserves the right to add or delete any materials and Brands in the list of approved materials/brands.

Schedule of Quantity

Name of Work: -Providing Lights in Multi-Level Car Parking in front of ST-01 & ST-02 at LP-01 North campus of IIT Mandi.

Item no.	Description of item	Qty	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
1	Wiring for light point/ fan point/ exhaust fan point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required Group C, as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	14	Point			
2	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independentswitch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit,and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required Group C,as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	33	Point			
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 FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	375	Meter			
4	Wiring for circuit/ submain wiring along with earth wire with the 2 x 4 Sq. mm. + 1 x 4 Sq. mm of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	70	Meter			

5	Supplying and fixing 5/6 A switch modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	3	No.			
6	Supplying and fixing 3 pin 5/6 A socket outlet modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	3	No.			
7	Supplying and fixing 3 Module (100mmX75mm) size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	3	No.			
8	Supplying and fixing 6 way , Double door single pole and neutral, sheet steel, MCB distribution board, 240 V, 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) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1	No.			
9	Supplying and fixing 8 way , Double door single pole and neutral, sheet steel, MCB distribution board, 240 V, 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) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	3	No.			

10	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 as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	18	No.			
11	Supplying and fixing 63 Amp rating, four pole, 415 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1	No.			
12	Supplying and fixing 40 Amp rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	3	No.			
13	Laying of one number PVC insulated and PVC sheathed I XLPE power cable of 1.1 kV grade of Upto 35 sq. mm direct in ground including excavation and refilling the trench etc. as required, but excluding sand cushioning and protective covering as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	60	Metre			
14	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of Upto 35 sq. mm (clamped with 1mm thick saddle) on wall surface as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	10	Metre			
15	Supplying and making end termination with brass compression gland and copper lugs for 4 X 16 sq. mm (28mm) size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	4	Each			

16	Supplying 4 core 16 Sq. mm XLPE insulated armoured copper cable as per IS7098 (Part 1) 1988 as required of Make :- KEI, Havells, Arkalyte(Kent) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	65	Meter			
17	Supplying, installing , testing and commissioning of 63 amps (S.C. rating for 1 sec - 15 KA) 4 way, Copper Bus Bar Chamber. Make:- Havells, Schneider, L&T as per entire satisfaction and direction of engineer-in-charge.	1	Each			
18	Supplying, installation, testing and commissioning of pre-wired 18 W Led Tube Set (CT up to 4000k) LED Light Fixture, complete with all accessories and directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	47	No.			
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