



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

(An Autonomous Institution, Ministry of Education, Govt. of India)
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No: 54(2) /IISER/Pune/2021-22/

Dated 23/11/2021

NOTICE INVITING QUOTATION

Sealed quotations are hereby invited by the undersigned on behalf of the Director, IISER Pune for the work mentioned below up to **3.00 PM on 29/11/2021** from approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, MES in appropriate category for electrical/ (B&C) works for the work mentioned below. The quotations will be opened at 3.30 PM on the same day.

Name of work: Providing Electrical distribution system and accessories at 2nd floor chemistry wing , A side, IISER Pune.

Issue to –Name and address of the agency –



Atkarni
23/11/2021
Executive Engineer,

IISER Pune

Terms and Conditions:

- 1) The applicant should be registered with CPWD in western region, Maharashtra State PWD, MES, Railways in appropriate category for electrical / (B & C) works. The registration certificate should be valid till the last date of receipt of tender. Applicant should submit attested or notarized copies of the valid registration certificate along with quotation.
- 2) Time period for completion of work shall be 30 (Thirty) days from the date of placing the work order by IISER Pune. The act of backing-out after quotation will debar such agencies for participating in future quotations of IISER PUNE. Bidder may e-mail queries on maintenance@iiserpune.ac.in or submit to IISER PUNE office in hard copy on all working days before a day of submission date of quotation.
- 3) Quotation can be obtained from IISER PUNE Engineering office at Main Building between 10 AM to 4 PM on all working days before date of submission. Applicant may quote by downloading quotation document from IISER PUNE website.
- 4) All agencies need to submit their quotation in hard copy in a sealed envelope to this office by suitable means on and before **3 PM on 29/11/2021**. Quotation received after the date & time specified above shall not be accepted. Any delays, postal delay etc. will not be entertained. Agency should quote for all the items in the in the BOQ. The bid shall be submitted in the original Bid document (as issued by the IISER, Pune) super scribing the name of work. Rates quoted in the words shall be treated as final for deciding L1 bidder.
- 5) Quotations will be opened on the same day (**29/11/2021**) at **3.30 PM** in the presence of agency or their authorized representatives, if any. The offer of the agency should be commercially clear

including acceptance of all terms and conditions of this Quotation by the agency. IISER Pune reserves the right to accept or reject the quotation/s without assigning any reasons.

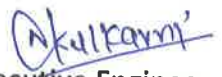
- 6) Quotations submitted with any conditions shall be treated as 'Conditional Quotation' and shall be summarily be rejected by IISER PUNE.
- 7) Quoted rates should be inclusive of cost of all the materials, labour cost , GST , all taxes, octroi , duties , cost of sample and fees towards testing of materials in labs ,royalties etc. complete. Nothing extra shall be paid separately.
- 8) All approved makes shall be as per list attached with this and as per CPWD and manufactures specifications. Agency should put-up technical data and obtain prior approval on makes of various materials of IISER PUNE before taking-up work.

The successful agency shall make his own arrangement for all Tools & tackles for work etc complete in view of completion of work. Electricity shall be provided free of cost to agency at one source, agency should make own arrangement to safely tap of power from source to work location.

No advance payment shall be made by IISER Pune.

Quoted rates should be including GST, TDS and other applicable taxes and cess will be deducted from the bills of the work as applicable.

- 9) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications, manufactured specification & as per instruction of IISER PUNE whenever specification CPWD/ IS specification are not available.
- 10) The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws.
- 11) L1 Agency to submit actual measurements and abstract sheet to IISER PUNE within 30 days from completion of work.


Executive Engineer,

IISER Pune

Encl: - 1. Schedule of Quantity (BOQ) – As per Annexure A
2. Approved Make list for electrical

Sign & stamp of Agency-





APPROVED MAKELIST FOR ELECTRICAL		
S.No.	Material	IISER PUNE Make
1	Instrument Transformers Indicating Meters	Kappa/Kalpa/Voltamp
2	Analog	Meco/Rishab/AE/HPL
3	Digital	Meco/AE/ Socomec/Conzerv/SECURE/HPL
4	Indicating Lamps	GE/SCHNEIDER/ Teknik/L&T/ALTOS, (MULTIPLE LEDs)
5	PLC / Digital Load Monitor / Power monitor	Electrex/Allen Bradley/GE/Schneider/Conzerv
6	Panel Accessories / Terminal block	Dirak/Elmax/phoenix/Wago
7	Timers	L& T/Minilec/ Seimens/ GE/ Schneider
8	TVSS	ASCO /Schneider/ABB
9	Cable Terminating Kits	Raychem Heat Shrinkable/3M/CCI
10	Earthing	Erico/Nimbus/Ashlok
11	MV Switch Boards (LT panels)	Accusonic /Load Controls /Elins / Lotus Switchgear / Pace Switch gears/ Suva rna Electricals
12	Moulded Case Circuit Breaker	GE (Spectra / Record)/Schneider (COMPACT)/ L & T (0 SINE)/ABB/MDS
13	MCB Distribution Board	Legrand Legrand/Schneider /Seimens



14	Miniature Circuit Breaker	MK/Legrand /Siemens/Schneider
15	ELCB / RCBO	MK/Legrand /Siemens/Schneider
16	Earth Leakage Relay	MK/Legrand /Siemens/Schneider
17	LT Cables (XLPE)	Polycab/Finolex/CCI
18	PVC Insulated copper wire FRLS	Polycab/Finolex/CCI
19	Cable Glands	Dowells/SMI/CCI/Electrowerke
20	PVC Rigid conduits	Precision/DIAMOND/Finolex/Polycab
21	M S Conduits	BEC/BI,
22	Switches, Sockets, Plug etc	Legrand Mosaic/MK/Schneider/ Anchor(Ave)
23	Ceiling rose / HOLDERS	Legrand Mosaic/MK/Schneider/ Anchor(Ave)
24	Light fitting, Flourscent CFL/GLs	Philips / Wipro/ GE
25	LED Light fitting	Wipro/Asian/Siska /Philips
26	Ceiling Fan	Crompton greaves (high breeze)/ Bajaj Super Model /Usha
27	Exhaust Fans	Alstom/Almonard/Usha/CGL
28	Telephone Cables	Delton/Finolex/ Polycab
29	Telephone Sockets	Anchor /MK (Suitable to mount on Legrand DLP trunking) /
30	Terminal Junction boxes	Elmex
31	Power Socket Industrial type	Legrand Mosaic/Mk/Schneider,
32	TV Outlet	Anchor/Legrand/MK
33	Cable trays	Storax/ Skaber/Profab
34	Metallic raceways	Storax/ Skaber/Profab
35	PVC raceways / PVC DLP trucking	LEGRAND/ MK/Schneider
36	Aluminium raceways	LEGRAND/ MK/Schneider
37	Surface / Recess mounted FTL fixtures	Philips/Wipro/GE
38	Recess mounted down lighter	Philips/Wipro/GE
39	Wall mounted luminaire	Philips/Wipro/GE



40	Data Cable - CAT-6	D-Link/Legrand/Polycab
41	External light fittings/ Garden Light fittings	Philips/Wipro /GE/Philips
42	Base plates and face plates	Legrand Mosaic/ MK/Schneider/Anchor
43	Full loaded patch panels	D link or RR
44	Data patch cords	D link or RR
45	Fire Alarm Control Panel	Notifier / Edward / Bosch / Cooper/ Siemens
46	Repeater Panel	Notifier / Edward / Bosch / Cooper/ Siemens
47	Addressable Smoke Detector	Notifier / Edward / Bosch / Cooper/ Siemens
48	Addressable Multi Sensor Detector	Notifier / Edward / Bosch / Cooper/ Siemens
49	Addressable Heat Detector	Notifier / Edward / Bosch / Cooper/ Siemens
50	Addressable Strobe Cum Sounder	Notifier / Edward / Bosch / Cooper/ Siemens
51	Addressable Sounder / Hooter	Notifier / Edward / Bosch / Cooper/ Siemens
52	Addressable Manual Call point	Notifier / Edward / Bosch / Cooper/ Siemens
53	Addressable Monitor Module	Notifier / Edward / Bosch / Cooper/ Siemens
54	Addressable Control Module	Notifier / Edward / Bosch / Cooper/ Siemens
55	FRLS Armoured Cable	Finolex /Polycab /Lapp
56	Other Items	Approval of Engineer In charge.
57	Isolation Transformer	Numeric Digital system (Novature)// Neelkanth power solution/Ador powertrans

(Signature)

Executive Engineer

IISER Pune

Scheduled OF Quantity

Name of work : Providing Electrical distribution system and accessories at 2nd floor chemistry wing , A side, IISER Pune.

Note: Quotaed rates are inclusive of all taxes ,GST ,labor,transportation etc. Nothing Extra shall be paid separately.

S N	Item Description	Quantity	Unit	Rates in words and Figure	Amount
1	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. 16 / 20A, SP, MCB - 'C' CURVE for RP & UPS DB's	10	Nos		
2	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. 32 A TPN MCB - for RPDB & UPS DB	10	Nos		
3	Supply & installation of surface mounted DLP U- PVC adaptable trunking raceways, fabricated out of U-PVC to Off-White or approved shade as per IS 733 of thickness 2.0mm for the base and sides with removable covers, complete with necessary bends, suitable sized junction boxes, internal angle, external angle, flat 90 degree angle , end caps and tees etc, Complete. (For every 1mtr distance cable tag has to be provided for each circuit in the raceways - as more that 1C FRLS copper wire is required for 1 Circuit) PVC RACEWAYS (Along the wall), DLP U- PVC adaptable trunking . Size: 105x 50mm PVC Raceways for Power & Data with above specifications 105x 50mm PVC Raceways	200	Meter		
4	16 AMP SOCKET: Supplying and fixing following Modular socket on the existing raceways including connections, as required. (All switches and Sockets shall be spark proof type) 6 Pin 15/16 amp socket outlet	150	Nos		



5	13 AMP SOCKET: Supplying and fixing following Modular switch / socket on the existing raceways including connections, as required. (All switches and Sockets shall be spark proof type) 13 amp socket outlet	50	Nos		
6	16 AMP Switch: Supplying and fixing following Modular switch / socket on the existing raceways including connections, as required. (All switches and Sockets shall be spark proof type) 15/16 amp switch	200	Nos		
7	Supplying and fixing following Modular switch / socket on the existing raceways including connections, as required. (All switches and Sockets shall be spark proof type) 6 Module Box with faceplate & cover	100	Nos		
8	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 medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	34	Nos		
9	Supplying and laying of ISI mark PVC Conduit with 25mm Dia of 2mm thick for Sub Mains / Power Wiring / Circuit Mains with suitable size bends, tees, etc, including PVC junction boxes and laying before finishing of the floor slab in concealed), with GI fish wire run through out the conduit pipe (To be used for the rawpower wiring to connect the island benches in floor. 25mm dia conduit pipe (2mm) - Raw Power in Floor	80	Meter		
10	Supplying and laying of ISI mark PVC Conduit with 25mm Dia of 2mm thick for Sub Mains / Power Wiring / Circuit Mains with suitable size bends, tees, etc, including PVC junction boxes and laying before finishing of the floor slab in concealed), with GI fish wire run through out the conduit pipe (To be used for the rawpower wiring to connect the island benches in floor. 32mm dia conduit pipe (2mm) - Power	80	Meter		



11	Supply and installation of RCCB , 100 mA, Four pole, 415 V, 40 A, in existing DB etc., complete with all accessories Including the cost of all materials, labour, HOM of equipment and machineries all lead, lift, loading and unloading, transportation, if any other incidental charges at all level complete all as per specification and as directed by Engineer-in-charge. The fitting shall be green as per ECBC norms. .Make- Legrand / L&T / Schieler / MK	12	Nos		
12	Supply and installation of RCCB , 30 mA, Double pole, 230 V, 25 A, in existing DB etc., complete with all accessories Including the cost of all materials, labour, HOM of equipment and machineries all lead, lift, loading and unloading, transportation, if any other incidental charges at all level complete all as per specification and as directed by Engineer-in-charge. The fitting shall be green as per ECBC norms. .Make- Legrand / L&T / Schieler / MK	12	Nos		
13	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required. 2 run of cable	200	Meter		
14	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required. 3 run of cable	100	Meter		
15	Supplying and fixing of following sizes of 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 for Data cable 40 MM	20	Meter		
16	Supplying and fixing of following sizes of 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 for Data cable 25 MM	100	Meter		



17	Supply and making end termination for UTP 4 pair CAT 6 LAN cable with required IO modules which is suitable for modular type base , cover plates and accessories (At field side) as required.Quoted rate shall be including material, labour, taxes, duties, lead, lift, loading, transportation, unloading, storing , scaffolding etc, making holes in walls , filling holes with mortar etc complete as per direction of Engineer In-charge. Nothing extra shall be paid separately.	10	Nos		
18	Supply and making end termination for UTP 4 pair CAT 6 LAN cable with required IO modules which is suitable for modular type base , cover plates and accessories (At rack side) as required.Quoted rate shall be including material, labour, taxes, duties, lead, lift, loading, transportation, unloading, storing , scaffolding etc, making holes in walls , filling holes with mortar etc complete as per direction of Engineer In-charge. Nothing extra shall be paid separately.	10	Nos		
19	Supply of 2 meter length CAT 6 patch cord with RJ45 terminations on both ends as complete.	20	Nos		
	Total (Including all)				

Sign and Stamp of Agency

Kulkarni
EE-HSER Pune 23/11/2021

