



IISER PUNE

INDIAN INSTITUTE OF SCIENCE EDUCATION AND
RESEARCH PUNE

Main Building, Gr floor, Dr. Homi Bhaba Road, Pune-411 008.
Ph No 020 2590 8082 Fax 020 2588 7499 / 2589 8022

No: 23(1)/SE /IISER/Pune/2018/

Dated 27/02/2018

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 PM on 07/03/2018 from License Electrical contractor with appropriate class for the work mentioned below. The quotations will be opened at 3.30 PM on the same day.

Name of work : Providing MCBs and Exh fan for electrical panels at housing building, IISER Pune.

Issue to –

Address of the Agency –

Assistant Engineer, (Electrical)
Indian Institute of Science Education And
Research, Pune
Main Building, A block, Gr floor, Dr. Homi
Bhaba Road, Pune 8

Terms and Conditions:

- 1) The applicant should be registered with CPWD in western region, Maharashtra State PWD, MES, Railways in appropriate category for Civil/ (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 14 (Fourteen) 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 07/03/2018. 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 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) Each and every page of quotation should be stamped and signed by the authorized person of agency.
- 9) The work shall be carried out as per manufactures specifications, IE norms, as mentioned.
- 10) All approved makes shall be as specified in BOQ and as per CPWD 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 their 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.
- 11) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications & as per instruction of IISER PUNE whenever specification CPWD/ IS specification are not available.



- 12) The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws.
- 13) L1 Agency to submit actual measurements and abstract sheet to IISER PUNE within 30 days from completion of work.
- 14) The work shall be carried out as per manufactures specifications, IE norms, as mentioned.
- 15) No extra charges will be paid for transportation and replacing of material and labour. No deviation will be accepted in specification which is mentioned in BOQ.



Assistant Engineer, (Electrical)
Indian Institute of Science Education And
Research, Pune
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Bhaba Road, Pune 8

Sign & Stamp of Agency -

Encl : Schedule of quantity – As per ‘Annexure A/mcb&exhfan /2018’

'Annexure A/mcb&exhfan /2018'

Name of work : Providing MCBs and exh fan for electrical panels at Housing building IISER Pune.

Item No.	Description	Qty	Unit	Rate (In words and figure)	Amount
1	Supplying and fixing 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of FOUR poles in the existing MCB DB / Panel complete with din rail, connections, testing and commissioning etc. as required.	84	nos		
2	Wiring for circuit/ submain wiring alongwith earth wire with the 4 X 6 sq. mm + 2 X 6 sq. mm earth wire sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit / flex PVC pipe as required.	200	meter		
3	Supplying and making end termination with copper lugs for 1 c x 6 sqmm copper wire of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.	600	Nos		
4	Supply and installation of ELCB 4 pole, 63 A, 100 mA with required accessories into existing DB / panel as complete	5	nos		4 of 8

DM

5	Supply of Automatic Changeover cum current limiter for 3 phase 440 V load and supply. Specifications : Input Main 45 A & DG 10 A, Output 45 A, 4 pole, 440 V, 3 phase with neutral. Make Electron Model M45F.	15	nos	
6	Installation, testing and commissioning of Automatic Changeover cum current limiter for 3 phase 440 V load and supply. Specifications : Input Main 45 A & DG 10 A, Output 45 A, 4 pole, 440 V, 3 phase with neutral. Make Electron Model M45F. With required accessories , din rail etc as complete.	15	nos	
7	Supply, installation, testing and commissioning of Panel Exhaust / cooling fan with required cut outs on panel body to ventilate internal component of Power Panel. Specifications : 1 Ph, 230 V AC, 50 Hz, size 100 mm dia, 20 to 30 W, mounting on panel body.	24	Nos	
8	Wiring for exhaust fan point of panel with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit / PVC casing n capping / flex PVC pipe with modular switch, modular plate, suitable GI box , 3 point ceiling rose and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	64	meter	
9	Wiring for fan point / exhaust fan point point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit / PVC casing n capping , with modular switch, modular plate, suitable GI box , 3 point ceiling rose and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (Group C)	4	Nos	5 of 8

Qm/Ar/Ar

10	Supply, installation, testing and commissioning of 380 mm Exhaust fan , industrial type, on wall mounting with required accessories as complete. Specifications : 380 mm sweep , 100 W, 50 Hz, 230 V, 1 Ph, 2000 m3/hr, 950 RPM,	4	nos	
11	Providing wall cutting work including required measoning and fabricaion work to finish the wall / civil work for installation of 380 mm exhaust fan on the wall as complete.	4	nos	
12	Providing fabrication work into existing panel for making ventilation vents as per requirement for proper cooling of panel, as complete with welding, cutting, refitting and required final finishing on said area.	20	sqm	
				Total

(Total In words :

Dr. Madhavi

APPROVED MAKE OF MATERIALS(Electrical)

IISER PUNE

S.No.	Material	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/ Teknic/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 (O SINE)/ABI Legrand
13	MCB Distribution Board & MCB	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	Alsthom/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	Storrax/ Skaber/Profab
34	Metallic raceways	Storrax/ Skaber/Profab
35	PVC raceways / PVC DLP trunking	LEGRAND/ MK/Schneider
36	Aluminium raceways	LEGRAND/ MK/Schneider

(Signature)

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	ACCL	Electron / havells / L&T
57	Other Items	Approval of Enginer Incharge.

On Behalf