



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, पुणे  
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

(An Autonomous Institution, Ministry of Human Resource Development, Govt. of India)

IISER Pune Campus, Dr. Homi Bhaba Road, Pune-411 008.

Ph. No 020 2590 8001 Fax 020 2588 7499 / 2589 8022

No: 54(2) /IISER/Pune/2021-22/ 225

Dated 26/ 08 /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 01/09/2021** 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 Additional Fire alarm hooter system of Main building at Service block 1, IISER Pune.

Issue to – Name and address of the agency –

*Akulkarni*

Executive Engineer,

IISER Pune

**Terms and Conditions:**

- 1) The applicant should be registered (**ANY ONE**) with CPWD in western region, Maharashtra State PWD, MES, Railways in appropriate category for electrical / (B & C) work **OR** Eligible specialized expert agency/authorized dealer/service provider for **Fire alarm system (FAS) works**. Applicant should submit attested or notarized copies of the experience certificate for the work completed within last three years from client department with copy of work order/LOI to along with the quotation. Bidders not meeting the minimum eligibility criteria shall be summarily rejected.
- 2) 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.
- 3) Time period for completion of work shall be **15 (Fifteen days)** 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](mailto: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.
- 4) 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.
- 5) 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 01/09/2021**. 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.

- 6) Quotations will be opened on the same day **(01/09/2021)** 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.
- 7) Quotations submitted with any conditions shall be treated as 'Conditional Quotation' and shall be summarily be rejected by IISER PUNE.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws.
- 12) 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  
2. Approved Make list for electrical  
Sign & stamp of Agency-



**APPROVED MAKELIST FOR 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/ 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/ Siemens/ 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/ Suvarna Electricals
12	Moulded Case Circuit Breaker	GE (Spectra / Record)/Schneider (COMPACT)/ L & T (0 SINE)/ABB/MDS Legrand
13	MCB Distribution Board	Legrand/Schneider /Siemens
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

*Neelkanth*  
Executive Engineer

IISER Pune





**Scheduled of Quantity  
Name of work: Providing additional Fire alarm hooter system of Main building at Service block 1, IISER Pune.**

**Note : Please note that Quoted rates are inclusive of all taxes,labour,transportation etc. Notyhing extra shall be paid separately.**

SN	Item Description	Qty	Unit	Rate in words and figure	Amount
1	Installation & Commissioning of existing fire Hooter on wall / Panel metal surface with required accessories. Supply of Fire alarm hooter is not in scope of agency and will be provided by the IISER Pune as per specifications : Fire alarm equipment, Make System sensor, model SYS-HS, Audible and visual appliance, regulated 12/24 V DC/FWR Max oper current DC 100 mA RMS, Exceed 75dBA @10 m, Strobe sigle strength : 15,75,115 cd. Job will be considered as complete on successful operation with controller and existing fire alarm system. Work should be carried out as per good workmanship.	4	Nos.		
2	Installation & Commissioning of existing control unit for fire alarm hooter on wall / surface with required accessories. Supply of control unit is not in scope of agency and will be provided by the IISER Pune as per specifications : Notifier by Honeywell, Model FCM 1, Control module for indoor use . Job will be considered as complete on successful operation with controller and existing fire alarm system. Work should be carried out as per good workmanship.	4	Nos.		
3	Supply, installation, testing and commissioning of Fire alarm hooter box as per details given below : Supply, installation, testing and commissioning of Fire alarm hooter box as per following specifications. Drawing, SLD, GA, BOM & specifications should be submitted to IISER Pune for approval before manufacturing of panel Supply, installation, testing and commissioning of 3 phase, 4 wire, 415 KV, 0.8 PF, 50 HZ panels. The fabrication shall be made with 14 SWVG cold rolled sheet with M/C pressing, powder coated. The surface shall be rigorously treated for derusting in 7 tank process with dephosphating & painting with at least 2 coats of approved paint. The panel shall be totally enclosed metal clad type with double gasketing with rubber/ resin lining. The panel shall be having control directory pasted inside the panel. The panel shall be mounted on existing trench floor & shall have cable entry provision from the top & bottom with suitable alley as the case may be. The panel shall be tested for the same KA rating of the relevant highest rating of MCCB. All components shall be from ISO-9001 companies and shall have relevant IS/IES approvals without fail. The panel shall be fully interlocked as required. The panel shall include baseframe channel support. ( The single line diagram shall be closely followed) 1. The panel shall be design as per norms of CEIG/PWD/ Maharashtra State Electricity Distribution Company Ltd 2. Panel includes a) 1 nos terminal strip for 10 C x 2.5 sqmm copper cable terminations. b) 1 nos terminal strip for 3 C x 2.5 sqmm copper cable terminations. c) DP MCB 6 A with Din rail d) control and power wiring with appropriate rating e) 24 V power supply for providing power to minimum 4 nos hooters. f) Control unit for fire alarm hooter. 4 nos minimum g) LED indication lamp for input AC supply on door h) Fire alarm hooter with strobe on door of panel 4 nos g) wiring for connecting fire alarm hooter to control unit and power supply. 3. Panel should be RED in colour. 4. wall mounted design. 5. DP MCBs 1 nos 16 A, each for each alarms. 6. All doors to have double rubber gasket with shutter assembly & door seating frame. 7. Ventilation vents for proper air circulation. 8. The control wiring has to be in appropriate size with MCB protection. 9. All panels shall have top entry only. 10. LED indication lamp on front door ( 1 nos ). 11. Door earthings shall be provided for all doors. 12. Suitable for termination of upto 10 c x 2.5 sqmm sqmm cu arm cable for connectors 13 Suitable for termination of upto 10 c x 2.5 sqmm sqmm cu arm cable for connectors Quoted rates shall be including all taxes,duties,royalties,lead lift,transpotation,GST etc complete.Nothing shall be payable separately. Work shall be executed as per direction of engineer in charge,IISER Pune. Actual supply, installation and testing, commissioning of panel and all provision mentioned above at site shall be measured for payments.	1	Nos.		
4	Supply of Following size of PVC insulated and PVC sheathed power cable of 1.1 KV grade, 10 C x 2.5 sq mm Copper Conductor multilistand flat armoured cable, 1100 V grade, PVC insulated, quoted rates shall be including all taxes duties royalties, lead, lift, transpotation, GST etc complete. Nothing shall be payable separately. Work shall be executed as per direction of engineer in charge, IISER Pune. Actual cable laid at site shall be measured for payments. IMP 4 nos Fire alarm hooters and 4 nos control units will be provided by IISER Pune and supply of Fire alarm hooters and control unit are not in scope of agency. Agency will collect it from IISER Pune to install it on and into Panel.	300	Mtr		



5	Supply of Following size of PVC insulated and PVC sheathed power cable of 1.1 KV grade, 4 C x 2.5 sq. mm Copper Conductor multistand flat armoured cable, 1100 V grade, PVC insulated, quoted rates shall be including all taxes, duties, royalties, lead, lift, transportation, GST etc complete. Nothing shall be payable separately. Work shall be executed as per direction of engineer in charge, IISER Pune. Actual cable laid at site shall be measured for payments.	30	Mtr	
6	Laying of one number PVC insulated PVC sheathed /XLPE power cable of 1.1 kv grade of following in the existing open duct/cable tray as required :- Upto 35 Sq mm. Quoted rates shall be including all taxes, duties, royalties, lead, lift, transportation, GST etc complete. Nothing shall be payable separately. Work shall be executed as per direction of engineer in charge, IISER Pune. Actual cable laid at site shall be measured for payments.	300	Mtr	
7	Laying of one number PVC insulated PVC sheathed /XLPE power cable of 1.1 kv grade of following on surface with required clamping as required :- Upto 35 Sq mm. Quoted rates shall be including all taxes, duties, royalties, lead, lift, transportation, GST etc complete. Nothing shall be payable separately. Work shall be executed as per direction of engineer in charge, IISER Pune. Actual cable laid at site shall be measured for payments.	30	Mtr	
8	Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required. 10 core x 2.5 sq. mm	2	Nos.	
9	Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required. 4 core x 2.5 sq. mm	2	Nos.	
<b>Total ( including all)</b>				

*Mulkarni*  
Executive Engineer  
IISER Pune



sign and stamp of agency