



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.  
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No: 54(2) /IISER/Pune/2018-19/ 106

Dated 26/04/ 2019

**NOTICE INVITING QUOTATION**

Sealed quotations are hereby Recall/Reinvited by the undersigned on behalf of the Director, IISER Pune for the work mentioned below up to **3.00 PM on 08/05/2019** 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 access control system and light dimmer system for Clean room and floor door at animal house, IISER Pune.**

Issue to – Name and address of the agency –

**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 21 (Twenty one) 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.
- 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 08/05/2019**. 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.

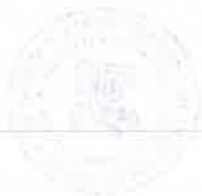


- 5) Quotations will be opened on the same day (08/05/2019) at 3.30 PM in the presence of agency or their authorized representatives, if any. The offer of the agency should be commercially clear including acceptance of all terms and conditions of this Quotation by the agency. IISER Pune reserves the 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  
2. Approved Make list for electrical

Sign & stamp of Agency-



|    |  |  |
|----|--|--|
| 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                                    | Storrax/ Skaber/Profab                                   |
| 34 | Metallic raceways                              | Storrax/ 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                      |



**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/ 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/ 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 /<br>Pace Switch gears/ Suvarna Electricals |
| 12    | Moulded Case Circuit Breaker               | GE (Spectra / Record)/Schneider (COMPACT)/ L & T (0 SINE)/ABB/MDS<br>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  |



|    |                                   |  |
|----|-----------------------------------|--|
| 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<br>powertrans |



*Neelkanth*  
Executive Engineer

IISER Pune




**BOQ - Scheduled Of Quantity**

**Name of work : Providing access control system and light dimmer system for Clean room and floor door at animal house, IISER Pune.**

| Sr.no. | Description of item   | Qty | Unit  | Rate IN WORDS AND FIGURE | Amount |
|--------|---|-----|-------|--------------------------|--------|
| 1      | Supply Installation, Testing & Commissioning of following equipments of Access Control Systems.<br><br>Microprocessor Based access controller capable of Controlling 4 Reader -Star II controller with 4 reader capacity and 2 ( two ) doors simantaneously. Make Honeywell Model PRO3000 with suitable size enclosure box with IP rating for indoor use. Enclosure box should have good ventilation, and suitable for fixing of battery, power supply and other miscellaneous items. | 4   | Nos   |                          |        |
| 2      | Proximity card reader range 4 inch from mounting reader in 26 Bits wiegand format & multiple colour LED& Sounder, Read time 30 ms, input voltage: 5 -16 volts DC max, current: 180 m A (DC 12V RS232 Output),Operating Environment: -35 deg to 65 deg C. External Buzzer Control input: DCO-5V max 50 m A. Impedence 10 K ohm, External LED Control Input: DC 0 – 5 which should be suitable for Honeywell PRO3000 access control system.   | 8   | Nos   |                          |        |
| 3      | Supply & installation of Electromagnetic lock Double leaf (Not Latch) with holding capacity of 600 lbs (we assume single door lock)   | 8   | Nos   |                          |        |
| 4      | Magnetic contact- Door Position sensor  | 8   | Nos   |                          |        |
| 5      | Manual Break Glass unit to release the door in emergency  | 8   | Nos   |                          |        |
| 6      | 5 C X 1 Sq.mm Cu cable for reader   | 300 | meter |                          |        |
| 7      | 4 C X .1 Sq.mm Cu cable for lock and magnetic contact   | 700 | meter |                          |        |



|                          |  |     |       |  |
|--------------------------|--|-----|-------|--|
| 8                        | Power Supply for Locks , suitable for magnetic lock of suitable DC voltages, max current and protections.  | 8   | Nos   |  |
| 9                        | Supply, installation, testing & commissioning of 12 v 7 Ah battery in access control panel l/c connections, with charger and power supply,etc as reqd.   | 4   | Nos   |  |
| 10                       | Supply and laying of UTP CAT 6 cable with required accessories on surface / in open tray with PVC conduit and required accessories.  | 600 | meter |  |
| 11                       | Supply and installation of Push button with mounting arrangement on surface / in existing switch board / on trunking.  | 8   | Nos   |  |
| 12                       | Supply, installation, testing commissioning of Lighting Dimming control system for 2 rooms at Animal house as per requirement, including dimmable ballast, relay controller, network gateway unit, BMS interface unit, power supply, timer, keyboards,UTP cable etc. | 1   | job   |  |
| <b>TOTAL</b>             |  |     |       |  |
| SIGN AND STAMP OF AGENCY |  |     |       |  |
|                          |  |     |       | <br>Executive Engineer , IISER PUNE |

