



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/20-21/ 128

Dated 12 / 05 / 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 24/05/2021** from approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, MES in appropriate category for electrical/Composite/(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 Light fittings and accessories 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 (**ANY ONE**) with CPWD in western region, Maharashtra State PWD, MES, Railways in appropriate category for electrical / composite /(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 **60 (Sixty)** 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 24/05/2021**. 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 **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-



APPROVED MAKELIST FOR ELECTRICAL

| S.No. | Brief Description of Equipment / Material | Makes |
|-------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 1 | L.V. Power & Control Cables | Polycab / Finolex / RPG / KEI |
| 2 | L.V. Circuit Breaker / MCCBs | Schneider/L&T/ABB/Siemens/ GE (Spectra / Record)/Schneider (COMPACT)/ L & T (O SINE)/ABB/MDS / Legrand |
| 3 | Instrument transformer / L.V. CTs / PTs - Resin cast | Kappa/Kalpa/Voltamp |
| 4 | Indicating Meters Analog | Meco/Rishab/AE/HPL/L&T/ABB/Schneider |
| 5 | Indicating Meters Digital | Meco/AE/ Socomec/Conzerv/SECURE/HPL/Legrand/L&T/ABB/Schneider |
| 6 | Panel Meters | Meco/AE/ Socomec/Conzerv/SECURE/HPL/Legrand/L&T/ABB/Schneider |
| 7 | Terminal Junction boxes / blocks / connectors | Elmex / Connectwel |
| 8 | Cable Lugs | Jhonson / Dowel |
| 9 | Cable glands | Dowells/Braso/ Hansal /Comet /Polycab/PEW |
| 10 | MCB Distribution Board | Legrand/Schneider /Siemens/ Havells/L&T |
| 11 | Miniature Circuit Breaker | Legrand/Schneider /Siemens/ Havells/L&T |
| 12 | ELCB / RCBO / RCCB | Legrand/Schneider /Siemens/ Havells/L&T |
| 13 | Earth Leakage Relay | MIK/Legrand /Siemens/Schneider/L&T |
| 14 | Industrial plug & Industrial socket | Legrand /MIK/Schneider/Havells/L&T |
| 15 | Modular Switches, Sockets, Plug etc | MK Honeywell Evo / Legrand Arteor / Legrand Myrius |
| 16 | Modular Switches, plates etc and accessories | MK Honeywell Evo / Legrand Arteor / Legrand Myrius |
| 17 | LED Indicating Lamp | GE/SCHNEIDER/ Teknik/L&T/ALTOS, (MULTIPLE LEDs) |
| 18 | PLC / Digital Load Monitor / Power monitor | Electrex/Allen Bradley/GE/Schneider/Conzerv |
| 19 | Digital Timers (On - OFF delay / day time / Astrological) | L & T/Mimilec/ Siemens/ GE/ Schneider |
| 20 | TVSS | Emerson / ASCO /Schneider/ABB |
| 21 | LT cable jointing kit | Raychem / 3M/CCI |



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|----|---------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 22 | HT cable jointing kit | Raychem / 3M/CCI |
| 23 | HT cable termination kit | Raychem / 3M/CCI |
| 24 | Chemical Earthing | Erico/Nimbus/Ashlok |
| 25 | Cable trays | Storrax/ Skaber/Profab |
| 26 | Metallic raceways | Storrax/ Skaber/Profab |
| 27 | MV Switch Boards (LT panels) | Accusonic /Load Controls /Elins / Lotus Switchgear /Pace Switch gears/ Suvarna Electricals |
| 28 | PVC Insulated copper wire FRLS | Polycab/Finolex/RR/RPG |
| 29 | PVC Rigid conduits | Precision/DIAMOND/Modi |
| 30 | Surge protective device in MCB DBs | Legrand/Schneider /Siemens/ Havells/L&T |
| 31 | Ceiling fan/ wall mounted fan / Pedestal fan | Crompton / Havells / Bajaj / Usha / Philips |
| 32 | Exhaust fan | Crompton / Havells / Bajaj / Usha / Almonard/ Alstom |
| 33 | Panel Accessories / Terminal block | Dirak/Elmax/phoenix/Wago |
| 34 | M S Conduits | BEC/BI, |
| 35 | Ceiling rose / HOLDERS | Vinay / Anchor / Havells |
| 36 | PVC raceways / PVC DLP trucking | LEGRAND/Honeywell MK |
| 37 | Aluminium raceways | LEGRAND/ MK/Schneider |
| 38 | Light fitting, Flourscent CFL/GLS , (Indoor & outdoor type) | Philips / Wipro/ GE |
| 39 | LED Light fitting (Indoor and outdoor type) | Wipro/Asian/Syska /Philips |
| 40 | Telephone Cables | Delton/Finolex/ Polycab |
| 41 | Telephone Sockets | Anchor /MK / Legrand |
| 42 | Data Cable - CAT-6 / OFC cable | D-Link/Legrand/Polycab/ Amp |
| 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 |



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| 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 Armored Cable | Finolex / Polycab / Lapp |
| 56 | Online UPS | Vertiv / Eton / ABB / APC / Novatuer |
| 57 | Isolation Transformer | Numeric Digital system (Novature) / Neelkanth power solution / Ador powertrans |
| 58 | I/O outlets & Fiber optics components (Data & voice /Telecom., single mode/ multimode) includin cables, LIUs, Pigtails, patch cords, connectors, couplers, splings | Amp / CISCO / D link / Legrand |
| 59 | Network rack / Data center rack / distribution rack / server rack (Sizes 6 U to 42 U) | Vertiv / APW-Vero President / Lergand / Schneider |
| 60 | CCTV system and component | Bosch / Panasonic / JCI / honeywell |
| 61 | Addressable fire alarm system | Bosch / Notifier / Siemens / Honeywell |
| 62 | Cable for fire detection & alarm system | Finolex / Polycab / Lapp / RR |



Devlkar

Executive Engineer

IISER Pune

BOQ (Bill Of Quantity)

Name of work: Providing electrical light fittings and accessories at Animal house, ISER Pune.

NOTE : Quoted rates are inclusive of all GST, Labour, transportation etc. Nothing extra shall be paid separately.

| SR. NO. | DESCRIPTION OF ITEM | Qty | Unit | Rates In words and Figure | Amount |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---------------------------|--------|
| 1 | Supply of Tube 24 W T5 cool day light for existing light fittings, specification : 600 mm, T5, FL tube, 24 W. Warranty 1 year. Make Bajaj / Crompton / Philips / Wipro / Osram. | 600 | Nos | | |
| 2 | Supply of Tube 8 W T5 cool day light for existing light fittings, specification : 600 mm, T5, FL tube, 8 W. Warranty 1 year. Make Bajaj / Crompton / Philips / Wipro / Osram. | 40 | Nos | | |
| 3 | Supply of Tube 8 W T5 UV light for existing light fittings, specification : 600 mm, T5, FL tube, 8 W, UV type C. Warranty 1 year. Make Bajaj / Crompton / Philips / Wipro / Osram. | 40 | Nos | | |
| 4 | Supply of side holder for 8 W UV / FL tube , material PVC, FR, connection terminals on it for pair of wire upto 2.5 sqmm. | 150 | Nos | | |
| 5 | Supply of Tube 18 W , 4 pin PL cool day light for existing light fittings, specification : 210 mm, 4 pin, PL tube, 18 W. Warranty 1 year. Make Bajaj / Crompton / Philips / Wipro / Osram. | 40 | Nos | | |
| 6 | Supply of Tube 14 W T5 cool day light for existing light fittings, specification : 600 mm, T5, FL tube, 14 W. Warranty 1 year. Make Bajaj / Crompton / Philips / Wipro / Osram. | 20 | Nos | | |
| 7 | Supply of 8 W electronic ballast for 8 W tube, 230 V AC, Make Bajaj / Crompton / Philips / Wipro / Osram. | 30 | Nos | | |



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| 8 | <p>Clean room light : Supply, Testing, commissioning and installation of Recessed Mounted 2'X2' LED Luminaire which is useful for cleanroom facility having class 100000 cleanroom. Installation should be done on existing metallic or other false ceiling with required accessories as complete. Specifications : IP66, dust free, LED, clean room bottom operating luminaire, Operating temperature 0 to 45 degree celsius, Operating voltage 140 to 270 V, Avg life 50000 hours, high performance electronic driver, CRCA powder coated white after phosphochromate treatment, Screwless bottom frame, Fitting should be dimmable type with analog / DALI system, required electronic driver should be inbuilt in fitting for configuration with existing dimmable light control system with Electronic driver with SMPS based constant current supply , output short circuit, protection, surge protection and other safety test as per IS:15885 part2/sec13, mounting provision for recess mounting through 4 nos recessed mounting clamps, Diffuser - high quality polycarbonate opal diffuser for glare free uniform light distribution, Light source - efficacy of greater than 120 lm/w and viewing angle of 120 degree to ensure better uniformity. Wattage of fixture 32 to 40 W, System lumens 3200 to 4000 L with Intelligent Inner Edge Light with Single piece molded Polycarbonate diffuser, Lighting and electrical parameters are inline with 2'X2' Luminaire. Luminaire should give more volumetric light & higher vertical illumination. Luminaire should be available in different Lumen Packs of 3000 lm with different CCT. LED Used shall be SMD type and fixture should have minimum efficacy at System level (Not Chip Level) >=100lumens/watt, Life of fixture 50000hrs@L70% Lumen maintenance, CCT up to 6500, CRI >80, PF >0.95 and SDCM 4 for good light quality, an operating Voltage Range of 140 - 270 V Minimum Internal Surge Protection 2.5KV The fixture should comply with the parameters as per IS10322. The LED driver should comply to IEC61000-3-2 ed.3.2, 2009 for Harmonics, IEC61347 -2 -13, 2006 in Conjunction with IEC61347-1 ed.2.0, 2007 for Electrical Safety, IEC62384 ed.1.1, 2011 for performance and IEC61547 ed.2.0, 2009, CISPR-15 for EMI. Manufacturer shall have inhouse lab approved by NABL or ministry of science of govt of India. LM 79 and LM80 reports need to be submitted from a NABL/UL accredited lab to verify above parameters. Make Havells / PHILIPS / WIPRO / Crompton / syska. REquired programming with existing light dimming system for make it functional is in scope of agency.</p> | 20 | Nos | |
| 9 | Supply and fixing of metallic push button station having recess and surface mounted assembly, 230 V, 16 A rating for light dimming control system. Push button module should be suitable for existing dimming system and item will be considered as complete on satisfactorily operation and result. Make Honeywell / philips / Legrand. | 10 | Nos | |
| 10 | Supply and fixing of 24 W x 4 tube dimmable ballast for analog / DALI system , suitable for existing dimming control system at IISER Pune. Item will be considered as completed after successful operation of light fittings and ballast. programming required for completion of work is in scope of agency. Make Philips / Wipro / Crompton / Bajaj. | 10 | Nos | |
| 11 | Supply, installation, testing and commissioning of Pass box interlocking unit into existing Pass box with required accessories to make it functional and operational. Make Allsecure Enterprises. | 5 | Nos | |
| | Total | | | |

Sign and stamp of agency



Kulkarni
Executive Engineer, IISER Pune