



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/20-21/ 72

Dated 14/ 09 / 2020

NOTICE INVITING QUOTATION (Corrigendum)

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 16 /09/2020** 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 CCTV System for Indoor Sport Complex in IISER Pune Campus. (Updated Make list attached)

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 **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 16/09/2020**. 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 (16/09/2020) 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 MAKE OF MATERIALS

Electrical

| S.No. | Material | Make |
|-------|--|--|
| 1 | Instrument Transformers Indicating Meters | a) Kappa b) Kalpa c) Voltamp |
| 2 | Analog | a) Meco b) Rishab c)AE |
| 3 | Digital | b) Meco c) AE d) Socomec e) Conzerv f) SECURE |
| 4 | Indicating Lamps | a) GE b) SCHNEIDER c) TEKNIC d) L&T e) ALTOS, (MULTIPLE LEDs) |
| 5 | PLC / Digital Load Monitor / Power monitor | a) Electrex b) Allen Bradley c) GE d) Schneider e) Conzerv |
| 6 | Panel Accessories / Terminal block | a) Dirak b) Elmax c) Phoenix d) Wago |
| 7 | Timers | a) L& T b) Minilec c) Seimens d) GE e) Schneider |
| 8 | TVSS | a) ASCO , b) Schneider, c) ABB |
| 9 | Cable Terminating Kits | a) Raychem Heat Shrinkable, B) 3M, C)CCI |
| 10 | Earthing | a) Erico b) Nimbus c) Ashlok |
| 11 | MV Switch Boards (LT panels) | a) Accusonic / b) Load Controls / c) Elins / d) Lotus Switchgear / e) Pace Switch gears f) Suva rna Electricals |



| | | |
|----|-----------------------------------|---|
| 12 | Moulded Case Circuit Breaker | a)GE (Spectra / Record) b) Schneider (COMPACT) c) L & T (0 SINE) d)ABB e) MDS Legrand |
| 13 | MCB Distribution Board | a) Legrand b) Schneider c)Siemens |
| 14 | Miniature Circuit Breaker | a) MK b) Legrand C)siemens, d)Schneider |
| 15 | ELCB / RCBO | a) MK b) Legrand C)siemens, d)Schneider |
| 16 | Earth Leakage Relay | a) MK b) Legrand C)siemens, d)Schneider |
| 17 | LT Cables (XLPE) | a) Polycab b) Finolex , c) CCI |
| 18 | PVC Insulated copper wire FRLS | a) Polycab b) Finolex , c) CCI |
| 19 | Cable Glands | a) Dowells b)SMI, C)CCI, d)Electrowerke |
| 20 | PVC Rigid conduits | a) Precision b) DIAMOND, C)Finolex , d) polycab |
| 21 | M S Conduits | a)BEC b) BI, |
| 22 | Switches, Sockets, Plug etc | a) Legrand Mosaic b) MK, c)Schneider, D) Anchor(Ave) |
| 23 | Ceiling rose / HOLDERS | a) Legrand Mosaic b) MK, c)Schneider, D) Anchor(Ave) |
| 24 | Light fitting, Flourscent CFL/GLs | a) Philips b) Wipro c) GE |



| | | |
|----|---------------------------------------|--|
| 25 | LED Light fitting | a)Wipro b)Asian, C) Siska d) Philips |
| 26 | Ceiling Fan | a) Crompton greaves (high breeze) b) Bajaj Super Model c) Usha |
| 27 | Exhaust Fans | a) Alsthom b) Almonard, C) Usha, D) CGL |
| 28 | Telephone Cables | a) Delton b) Finolex c) Polycab |
| 29 | Telephone Sockets | a)Anchor b)MK (Suitable to mount on Legrand DLP trunking) / |
| 30 | Terminal Junction boxes | a)Elmex |
| 31 | Power Socket Industrial type | a) Legrand Mosaic b) MK, c)Schneider, |
| 32 | TV Outlet | a)Anchor b) Legrand c) MK |
| 33 | Cable trays | a)Storrax b) Skaber c)Profab |
| 34 | Metallic raceways | a) Storrax b)Skaber c) Profab |
| 35 | PVC raceways / PVC DLP trunking | a) LEGRAND b) MK, C) Schneider, |
| 36 | Aluminium raceways | a) LEGRAND b) MK, C) Schneider, |
| 37 | Surface / Recess mounted FTL fixtures | a) Philips b) Wipro c) GE |
| 38 | Recess mounted down lighter | a) Philips b) Wipro c) GE |
| 39 | Wall mounted luminaire | a) Philips b) Wipro c) GE |
| 40 | Data Cable - CAT-6 | a) D-Link b) Legrand. c) Polycab |



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| 41 | External light fittings/ Garden Light fittings | a) Philips b) Wipro c) GE d) Philips |
| 42 | Switches, Sockets, Plug etc | a) Legrand Mosaic b) MK, c) Schneider, D) Anchor |
| 43 | Base plates and face plates | a) Legrand Mosaic b) MK, c) Schneider, D) Anchor |
| 44 | Full loaded patch panels | D link or RR |
| 45 | Data patch cords | D link or RR |
| 46 | PVC Rigid conduits | a) Precision b) DIAMOND, C) Finolex , d) polycab |
| 47 | Cable Terminating Kits | a) Raychem Heat Shrinkable, B) 3M, C) CCI |
| 48 | Fire Alarm Control Panel | Notifier / Edward / Bosch / Cooper/ Siemens |
| 49 | Repeater Panel | Notifier / Edward / Bosch / Cooper/ Siemens |
| 50 | Addressable Smoke Detector | Notifier / Edward / Bosch / Cooper/ Siemens |
| 51 | Addressable Multi Sensor Detector | Notifier / Edward / Bosch / Cooper/ Siemens |
| 52 | Addressable Heat Detector | Notifier / Edward / Bosch / Cooper/ Siemens |
| 53 | Addressable Strobe Cum Sounder | Notifier / Edward / Bosch / Cooper/ Siemens |
| 54 | Addressable Sounder / Hooter | Notifier / Edward / Bosch / Cooper/ Siemens |
| 55 | Addressable Manual Call point | Notifier / Edward / Bosch / Cooper/ Siemens |
| 56 | Addressable Monitor Module | Notifier / Edward / Bosch / Cooper/ Siemens |
| 57 | Addressable Control Module | Notifier / Edward / Bosch / Cooper/ Siemens |
| 58 | FRLS Armoured Cable | Finolex / Polycab / Lapp |
| 59 | CCTV Camera | Honeywell/Hikvision/CP Plus/Samsung |
| 60 | POE Switch | Cisco/Avaya/Netgear |
| 61 | Network Video Recorder NVR | Honeywell/Hikvision/CP Plus |
| 62 | Other Items | Approval of Engineer Incharge. |



A. Kulkarni

SCHEDULED OF QUANTITY

Name of Work:- Providing CCTV System for Indoor Sport Complex in IISER Pune Campus.

| Sr No. | Description | Qty | Unit | Rates in word and figure | Amount |
|--------|--|------|------|--------------------------|--------|
| 1 | SITC of 2 Megapixel IP dome camera, 2MP full real time recording, 1/2.8 CMOS, 3.6 mm @F1.6, Angle of View: 79 deg lence, 1/25s ~ 1/ 100000s, 0.1 lux @F1.2 Color, H.264 / MJPEG, High Profile dual-stream, 1080p, 720p, D1, CIF resolution, IR range of 10 - 20 m, RJ-45 connector, ONVIF S interference protocol, IP 66, Motion Detection-396 zones, Privacy Masking-4 zones, 12VDC. Compatible with existing system. | 8.00 | Each | | |
| 2 | SITC of 16 CH IPC input NVR, 2 SATA HDD Slot (Max 8TB), with 4 TB hard disk of approved make, Realtime Recording Resolution (16 Channels @ 720P, 8 Channels @1080P), Real-time Local Playback(16 Channels @720P, 2 Channels @1080P), Multiplex Operation, Standard H.265, H.264 profile, BNC/VA/HDMI output, main profile, baseline, HDD redundancy, Free DDNS, backup - USB Device & Network, USB HDD, USB 2.0 x 2, SATA writer, 1 RS485, support 18 kinds of PTZ protocols, ONVIF 2.0, 16 CH IPC audio input and Output- RCA x 1, Power supply of DC12V/1.5A. Compatible with existing camera | 1.00 | Set | | |



| | | | | | |
|---|--|--------|------|--|--|
| 3 | SITC of 8 port (PoE) Ethernet Routing Switch with 10/100/1000 (802.3af/at) PoE ports plus 2 SFP ports with 1 no compatible module (standalone). Incl Base Sw Lic Kit. (RoHS compliant). Access PoE+ switches with PoE budget of 150W, (UK & IRE power cord). | 2.00 | Set | | |
| 4 | Supply and Fixing of OFC Patch cord 3 Mtr length SC to LC | 2.00 | Each | | |
| 5 | Supplying and drawing of UTP 4 pair CAT 6 LAN flexible Cable in the existing surface/ recessed Steel/ PVC conduit/Casing Capping as required. | 250.00 | Mtr | | |
| 6 | Supply and making end termination for UTP 4 pair CAT 6 LAN cable with RJ-45 connector which is suitable as required. | 16.00 | Each | | |
| 7 | Supply and fixing of 25 mm PVC casing n capping on surface like wall / partition / ceiling with required accessories like bends etc for existing data and power cable. | 40.00 | Mtr | | |
| | Total | | | | |



Akulkarmi

Executive Engineer

Sign and stamp of agency