



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/20-21/210

Dated 18/08/2021

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 25/08/2021** 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 distribution and metering system for Lifts at D building, 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 for minimum 1 year. 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 25/08/2021**. 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	MK/Legrand /Siemens/Schneider/L&T
14	Industrial plug & Industrial socket	Legrand /MK/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/Minilec/ Siemens/ GE/ Schneider
20	TVSS	Emerson / ASCO /Schneider/ABB
21	LT cable jointing kit	Raychem / 3M/CCI



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



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, spliings	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



Executive Engineer
IISER Pune



Scheduled Of Quantity

Name of work : Providing electrical distribution and metering system for Lifts at D building, IISER Pune

Note : Please Note that quoted rates are inclusive of all taxes,labour, transportation etc.
Nothing Extra shall be paid separately.

Item no	Item Description	Unit	QTY	Rates in Words and figure	Amount
1	Supply of Following size of PVC insulated and PVC sheathed power cable of 1.1 KV grade. 4 C x 16 sq.mm Cu. Conductor multistand aremoured 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.	meters	50		
2	Supply of Following size of PVC insulated and PVC sheathed power cable of 1.1 KV grade. 1 C x 16 sq.mm Cu. Conductor multistand flex 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. (Green outer shielded)	meters	50		
3	Supply of Following size of PVC insulated and PVC sheathed power cable of 1.1 KV grade. 1 C x 16 sq.mm Cu. Conductor multistand flex 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. (Black , Red, yellow & Blue outer shieldded)	meters	50		
4	Laying of 25x 5 mm GI strip on surface / into the open tray / duct, with required clamping and sadling, as complete.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 Gi strip laid at site shall be measured for payments.	meters	10		



5	Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor armoured cable of 1.1 kv grade as required. 4 core X 16 sq. mm	Nos	12		
6	Supplying and making end termination with PVC compression gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor armoured cable of 1.1 kv grade as required. 1 core X 16 sq. mm copper flex cable	Nos	80		
7	Supplying and fixing 63 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. FOUR POLE	Nos	2		
8	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.	meters	50		
9	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 :- 1 core x 16 sqmm flex cable 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.	meters	100		



13	Testing of submain wiring from Floor / main panel to Energy meter, Energy meter to particular lift or common lights Panel etc , and whole lift Power wiring including all points. Testing and checking will be done for insulation test, continuity of sub main etc, upto point. All points should be check as per MSEDCL norms and reports should be submitted to MSEDCL as per format required within stipulated time decided by Engineer in charge. Any changes required in circuit during testing and checking is in scope of agency.	nos	1		
14	Supply & installation of Energy meter (Three phase Energy meter) into existing panel with numbering and termination of wires with lugs etc and required hardware. Co ordination with MSEDCL authorities for Submission of Test report and required permissions to complete the work is in scope of agency. Any required approval from MSEDCL and connection of Energy meter with required sanctions to complete the work will be scope of agency. Any document required will be arrange by the IISER Pune. Any charges by the MSEDCL like Firm quotation, processing fee, SD will be paid by IISER Pune. Liasonaing for it will be scope of agency.	Nos	1		
	Total (including all taxes, transportation, labour, lead, lift etc. Nothing Extra shall be paid separately)				



Sign and Stamp of Agency

(Handwritten Signature)

Executive Engineer IISER Pune

10	<p>Encloser Panel for ACCL :</p> <p>Supplying, Transportation ,installation, testing & commissioning loading & unloading of cubical type LT encloser box suitable for 415V, 3 phase, 4 wire 50 Hz AC supply system. Encloser box shall be fabricated in compartmentalized Form 3A design from CRCA sheet steel of 2mm thick for frame work & covers, 3mm thick for gland plates i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, The panel shall be as per IS 8623 specifications & having valid CPRI Test Certification 200 Amp,65KAfor 1sec. Encloser box should have door with locking arrangement, louvers for ventilation, wall mounting arrangement, TOP and Bottom cable entry. It should be suitable for mounting of 63 A , 4 Pole, Automatic Changeover and current limiter unit with its cabling.</p>	Nos	1		
11	<p>Supply of Automatic Changeover and current limiter unit into existing enclosure box with required accessoires like connectors, din mounting arrangement. ACCL should have minimum one year warranty, Specifications : ACCL (TPN/SPN) without Gen start/stop , 80 A/ 63 A, Application : Electric transfer switch that switches the load between Mains and Gen and limit current at Gen end, Range 63 A on mains and 63 A on generator, IEC-60947-6-1, Microcontroller based automatic changeover - Microcontroller based circuit for the faster and better response, Current limitation on generator side - Limits the overloading on the generator side. Approved make Havells / Legrand / L&T / Schinder / Siemens</p>	Nos	2		
12	<p>Installation of Automatic Changeover and current limiter unit into existing enclosure box with required accessoires like connectors, din mounting arrangement. ACCL should have minimum one year warranty, Specifications : ACCL (TPN/SPN) without Gen start/stop , 80 A/ 63 A, Application : Electric transfer switch that switches the load between Mains and Gen and limit current at Gen end, Range 63 A on mains and 63 A on generator, IEC-60947-6-1, Microcontroller based automatic changeover - Microcontroller based circuit for the faster and better response, Current limitation on generator side - Limits the overloading on the generator side. Approved make Havells / Legrand / L&T / Schinder / Siemens</p>	Nos	1		

