



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/2020-21/ 28

Dated 25/ 06 / 2020

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 02/07/2020** 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 electrical distribution system for covid testing center at Animal house second floor, IISER Pune

Issue to –

Name and address of the agency –



Okkarmi

**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) 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 **10 (Ten)** 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 02/07/2020**. 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 **(02/07/2020)** 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.



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**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.	Material	ISER PUNE 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 /Eiins / Lotus Switchgear / Pace Switch gears/ Suvarna Electricals
12	Moulded Case Circuit Breaker	GE (Spectra / Record)/Schneider (COMPACT)/ L & T (O 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	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

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



Kulkarni

Executive Engineer

IISER Pune

SCHEDULED OF QUANTITY

Name of work : Providing electrical distribution system for covid testing center at Animal house second floor, IISER Pune.

Sr.No.	Description	Unit	Qty	Rates in words and figure	Amount in words and figure
	Supply of Following size of XLPE insulated and XLPE/PVC sheathed power cable of 1.1 KV grade. 1 C x 10 sq mm. copper Conductor flexible green colour 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.	meter	100		
1					
	Supply of Following size of XLPE insulated and XLPE/PVC sheathed power cable of 1.1 KV grade. 4 C x 10 sq mm. copper Conductor armoured 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.	meter	100		
2					
	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size 3 on wall surface / in duct / in trenches, as required.				
		meter	100		
3.1	Upto 35 sq. mm arm cable (clamped with 1mm thick saddle)	meter	100		
		meter	100		
3.2	10 sqmm copper flex cable with existing cable, by using only cable tie.				
	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 4 grade as required.				
4.1	4 core x 10 sq. mm	each	2		
		each	2		
4.2	1 core x 10 sq. mm				
	Supply & installation of surface mounted DLP U- PVC adaptable trunking raceways, fabricated out of U-PVC to ORF. White or approved shade as per IS 733 of thickness 2.0mm for the base and sides with removable covers, complete with necessary bends, suitable sized junction boxes and tees etc. Complete. [For every 1mtr distance cable tag has to be provided for each circuit in the raceways - as more than 1C FRLS copper wire is required for 1 Circuit] PVC RACEWAYS (Along the wall), DLP U- PVC adaptable trunking . Size :105x 50mm PVC Raceways for Power & Data with above specifications	meter	30		
5					
	Supplying and fixing of following sizes of PVC casing n capping along with accessories in surface/recess including cutting 6 the wall and making good the same in case of recessed conduit as required.				
6.1	25 mm	meter	30		
	Supplying and fixing following modular switch/ socket on the existing modular plate of DLP U- PVC adaptable trunking 7 raceways & switch box including connections but excluding modular plate etc. as required.				
7.1	15/16 A switch	Each	16		
		Each	16		
7.2	16 pin 15/16 A socket outlet				



8	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	12	
9	Supplying and fixing following Modular base & cover plate on existing modular metal / PVC boxes/ DLP U-PVC adaptable trunking raceways etc. as required.	Each	12	
9.1	4 module			
10	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in with surface/ recessed medium class PVC conduit as required. (For UPS power) Colour code required for UPS power.	meter	200	
10.1	2 X 4 sq. mm + 1 X 4 sq. mm earth wire			
11	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/isolator) for three phase incomer and single phase outgoing.	Each	1	
11.1	4 way (4 + 12). Double door			
12	Supplying and fixing 5 A to 32 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.	Each	7	
12.1	Single pole			
12.2	Tripal pole and neutral			
13	Supplying and fixing 30 A, 230 V, single pole + neutral industrial type socket outlet, with 2 pole and earth, metal enclosed plug, top along with 30 A "C" curve, DP/MSB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	1	
Total (including all GST, Transport, Taxes etc. nothing extra shall be paid)				

Khulkami
Executive Engineer

