



भारतीयविज्ञानशिक्षाएवंअनुसंधानसंस्थानतिरुपति
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute under Ministry of Education, Govt. of India)
Transit Campus: Sree Rama Engineering College Campus, Karakambadi Road,
Mangalam B.O., Tirupati – 517 507, Andhra Pradesh, India.

NIQ No: 03/IISER/Engg/NIQ/2021-22

Date:05.07.2021

Notice Inviting Quotation

Sealed quotations are hereby invited by IISER Tirupati for the work mentioned below upto 3:00 PM on 12/07/2021 from eligible contractors/agencies with similar electrical work experience. The quotations will be opened at 3.30 PM on the same day.

Name of work: Electrical works near main entrance & kitchen Area at Main Campus IISER Tirupati, Yerpedu Mandal.

Terms and Conditions:

- 1) No advance payment shall be made by IISER Tirupati.
- 2) Agency should have similar work experience. The proof of the similar work experience or experience certificate should be submitted along with the quotation. **Agency must visit the site before quoting the NIQ for better understanding.**
- 3) Time period for completion of work shall be **14 Days** from the date of placing the work order. The act of backing-out after acceptance of offer will debar such agencies from participating in future quotations of IISER Tirupati. Bidder may e-mail queries on sivakumar@iisertirupati.ac.in or submit to IISER Tirupati office in hard copy on all working days before a day of submission date of quotation.
- 4) Blank Quotation can be obtained from IISER Tirupati website <http://www.iisertirupati.ac.in/tenders/>
- 5) All agencies need to submit their quotation in hard copy in a sealed envelope to the following address by suitable means on and before 3 PM on 12/07/2021. 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 BOQ. The bid shall be submitted in the original bid document (as issued by the IISER Tirupati) super scribing the name of work. Quotations will be opened on the same day i.e., 12/07/2021 at 3.30 PM in the presence of bidder or their authorized representatives, if any. The offer of the firm should be unconditional and clear including acceptance of all terms and conditions. Conditional offers, incomplete offers will be rejected.
- 6) Quoted rates should be inclusive of cost of all the materials, labour cost, octroi /GST, duties, cost of sample and fees towards testing of materials in labs, royalties etc. complete. Nothing extra shall be paid.





- 7) All approved makes shall be as specified in BOQ and as per CPWD specifications, agency should put-up technical data and obtain prior approval on makes of various materials of IISER Tirupati before taking-up work.
- 8) 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.
- 9) TDS and other applicable taxes and cess will be deducted from the bills as of the work.
- 10) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications & as per instruction of IISER Tirupati wherever CPWD/ IS specification are not available.
- 11) The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws.
- 12) Agency to submit computerized measurement and abstract sheets to IISER Tirupati for payments.
- 13) Amount quoted for items should be as specified in the BOQ.
- 14) 2.5% of value of work done shall be recovered towards security deposit and will be release after satisfactory completion of One-year defect liability period.
- 15) Following the latest developments and restrictions imposed in the country and state in view of the COVID-19, the agency should have strict compliance towards the rules and precautionary measures mentioned in the orders issued by the State Government from time to time. The submission of bids should be in the tender box placed at main gate of Institute. Also, successful agency should ensure all safety precautions, social distancing norms during the execution of work.
- 16) The contractor/agencies should send the sealed quotations to the following address.

**The Head of Engineering Department,
Indian Institute of Science Education and Research Tirupati,
C/o Sree Rama Engineering College (Transit Campus),
Rami Reddy Nagar, Karakambadi Road,
Mangalam (P.O.) Tirupati -517507.
Andhra Pradesh, INDIA.**



Punamala

Superintending Engineer
IISER Tirupati

Sign & stamp of Agency-

Encl: - Schedule of Quantity – As per Annexure A.

Annexure - A

BILL OF QUANTITIES

Name of Work:- Electrical works near main entrance & kitchen Area at Main Campus IISER Tirupati, Yerpedu, Tirupati

Sr.No	Item Description	Qty	Unit	Rate	Amount (Rs)
1	SUB HEAD - I (Wiring)				
1.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with Modular switch, Modular plate , suitable GI Box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
1.1.1	Group A	55	Point		
1.2	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc as required.				
1.2.1	Group A	40	Point		
1.3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
1.3.1	3 x 1.5 sq.mm	150	Metre		
1.3.2	6 x 1.5 sq.mm	100	Metre		
1.3.3	3 x 2.5 sq.mm	100	Metre		
1.4	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	200	Metre		
1.5	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	250	Metre		
1.6	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
1.6.1	20 mm	100	Metre		
1.6.2	25 mm	250	Metre		
1.7	Supplying and fixing following size/modules GI box or PVC boxes along with modular base & cover plate for modular switches in recess etc as required.				
1.7.1	1 or 2 Module (75mmX75mm)	10	Each		
1.7.2	3 Module (100mmX75mm)	8	Each		
1.7.3	4 Module (125mmX75mm)	5	Each		
1.7.4	6 Module (200mmX75mm)	20	Each		
1.7.5	8 Module (125mmX125mm)	20	Each		
1.8	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
1.8.1	5/6 amps switch	100	Each		
1.8.2	15/16 amp switch	100	Each		



Sr.No	Item Description	Qty	Unit	Rate	Amount (Rs)
1.8.3	3 pin 5/6 amp socket outlet	80	Each		
1.8.4	6 pin 15/16 amp socket outlet	45	Each		
2	SUB HEAD - II (FITTINGS)				
2.1	Installing, testing and commissioning of prewired fluorescent fitting / compact fluorescent fitting/LED batten of all types complete with all accessories and tube etc. directly on ceiling/wall including connection with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable and earthing etc. as required.	70	Each		
2.2	Removing of existing ceiling fan supplying and fixing extra down rod of (60 cm to 85 cm) G.I. pipe ,15 mm dia, heavy gauge including painting of existing fan colour etc. with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as required.	80	Each		
2.3	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
2.3.1	upto 450mm sweep	20	Each		
3	SUB HEAD-III (MV CABLE LAYING)				
3.1	Supplying and laying of following size of XLPE insulated PVC sheathed, armoured, Copper conductor cable of 1.1 KV grade, ISI marked on surface/in existing PVC/GI pipe/on cable trays etc as required				
3.1.1	4 x 6 sq.mm(for Main Entrance Logo & street light supply)	160	Mtr		
3.2	Supplying and making end termination with brass compression gland and heavy duty copper lugs suitable for the following size of PVC insulated PVC sheathed/ XLPE copper conductor cable of 1.1 KV grade as required.				
3.2.1	4 x 10 sq.mm	6	Each		
Total Amount Rs.					

- Note:
1. Quoted Rates should be inclusive of GST @12 % is final, nothing extra shall be paid.
 2. Work to be executed as per CPWD specifications (Electrical) with upto date correction slips.
 3. Statutory recoveries shall be effected from bill.
 4. Payment will be made based on the actual measurement executed.



Agency Sign & Seal

LIST OF APPROVED MAKES

Sr.No	Detail of Material	Makes
1	MCCB	- SCHNEIDER
		- L&T (D-SINE)
		- SIEMENS (3VA)
		- LEGRAND
2	LT XLPE CABLES / CONTROL CABLES/CRCUIT INTEGRITY CABLES	- POLYCAB
		- FINOLEX
3	CABLE LUGS	- DOWELLS
		- JAINSONS
4	CABLE DOUBLE COMPRESSION GLANDS	- COMET
		- PEECO
5	ANCHOR FASTNER	- HILTI
		- FISHER
6	PVC RIGID CONDUIT AND ACCESSORIES ISI EMBOSSED	- BEC
		- PRECISION
		- SUDHAKAR
7	PVC FLEXIBLE CONDUIT & ACCESSORIES	- BEC
		- PRECISION
		- SUDHAKAR
8	1100 VOLT GRADE FR/FRLS PVC INSULATED MULTISTRANDED COPPER CONDUCTOR WIRES	- POLYCAB
		- FINOLEX
9	ELV CABLES	- D-LINK
		- LEGRAND
		- FINOLEX
10	MODULAR GRID PLATE WIRING ,ACCESSORIES (SWITCHES SOCKET OUTLETS ETC.)	- NORTH WEST
		- SCHNEIDER
		- LEGRAND
		- MK
11	MCB/RCCB/RCBO/ELCB /TIMER /CONTACTORS MOUNTED IN DB	- L&T
		- LEGRAND
		- MITSHIBISHI
		- SCHNEIDER
12	MCB DISTRIBUTION BOARDS IN 18 SWG SHEET STEEL HOUSING (DOUBLE DOOR)	- L&T
		- LEGRAND
		- MITSHIBISHI
		- SCHNEIDER

