



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/2019-20/

Dated 28/ 10 / 2019

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 04/11/2019** 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 and fixing electrical water heater, lights fitting for Guest house and dining hall, IISER Pune.

Issue to – Name and address of the agency –



A. Kulkarni
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 **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 04/11/2019**. 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 (**04/11/2019**) 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

		IISER PUNE
S.No.	Material	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/ Teknik/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 /Elins / Lotus Switchgear / Pace Switch gears/ Suvarna Electricals
12	Moulded Case Circuit Breaker	GE (Spectra / Record)/Schneider (COMPACT)/ L & T (0 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



Abulkami
Executive Engineer

IISER Pune

Scheduled of quantity

Name of the work : Providing and fixing electrical water heater, lights fitting for Guest house and dining hall , IISER Pune.

Item no	Item Description	Unit	QTY	Rate in words and figure	Amount in words and figure
1	Supply of water heater, 3 KW rating, suitable for solar water heater tank as backup heater, Specifications : 3 KW, 1 phase, 230 V AC, length 18" long TSP, 1.25" BSP TP, make Hotmax / Swarna / Bharat	100	Nos		
2	Supply of thermostat for water heater, solar back up heater having 3 KW rating, Specifications : 20 A, 35 to 75 degree celcius setting, 11 " long sensor which is suitable to match with heater, single phase wiring, make Hotmax / Swarna / Bharat	100	Nos		
3	Installation and testing of water heater, 3 KW rating, suitable for solar water heater tank as backup heater with wiring of 4 sqmm copper wire, tools etc, on existing solar heater tank as required and complete.	25	Nos		
4	Installation and testing of thermostat suitable for water heater, solar back up heater having 3 KW rating, Specifications : 20 A, 55 to 75 degree celcius setting, long sensor which is suitable to match with heater, single phase wiring.	25	Nos		



5	Supply and laying of Kitech composite pipe for hot water of solar system size 20 mm ID.	40	meter		
6	Supply and laying of Kitech composite pipe for hot water of solar system size 25 mm ID.	40	meter		
7	Supply and installation of Kitech composite joint / tee for hot water with required accessories (for 20 mm ID pipe) as required.	20	Nos		
8	Supply and installation of Kitech composite joint / tee for hot water with required accessories (for 25 mm ID pipe) as required.	20	Nos		
9	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required. (make Legrand / MIK)	10	nos		
10	Supply and installation of 15 A modular switch and socket with face plate, base plate, GI concealed box . Internal wiring, Wall cutting , finishing to complete the job is in scope of agency. (Make Legrand / MK)	10	Each		
11	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC Insulated copper conductor, single core cable in with concealed medium class PVC conduit, finishing with cemenet and POP as required. (For RAW Power) colour code required for RAW power (2 X 4 sq. mm + 1 X 4 sq. mm earth wire) (make Polycab / finolex / RR)	20	meter		
12	Supplying and fixing of 25mm sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessedconduit as required.	20	meter		





13	Supplying and fixing of 50 mm 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.	10	meter		
14	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. (5/6 A switch) (make Legrand / MK)	10	Each		
15	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. (15/16 A switch) (make Legrand / MK)	10	Each		
16	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. (3 pin 5/6 A socket outlet) (make Legrand / MK)	10	Each		
17	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. (6 pin 15/16 A socket outlet) (make Legrand / MK)	10	Each		
18	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required. (make Legrand / MK)	30	Each		

19	Supplying and fixing following Modular base & cover plate on existing modular metal / PVC boxes etc. as required. (4 module) (make Legrand / MK)	30	Each		
20	Supply and fixing of surface mounted / recess mounted 1200 mm , 2 x 22 W LED light, cool day light fitting of based luminaire for surface mounting / recess mounted as per site requirement on ceiling with 1200 x 400 max mm module, luminaire complete with lamp and all accessories. Including the cost of all materials, labour, HOM of equivalent and machineries all lead lift, loading and unloading, transportation, if any other incidental charges at all level complete all as per specification & as directed by Engineer in charge. (Make Syska / Wipro / Philips)	100	nos		
Total					

Sign and Stamp of Agency



(Signature)

Executive Engineer , IISER Pune