



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

(An Autonomous Institution, Ministry of Education, Govt. of India)

IISER Pune Campus, Dr. Homi Bhaba Road, Pune-411 008.

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No: 54(2) /IISER/Pune/21-22/59

Dated 28 / 02 / 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 07/03/2022** 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: Supply and Installation of LED fittings with required accessories at Sport Ground 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 / (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 **15 (Fifteen)** 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 07/03/2022**. 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.



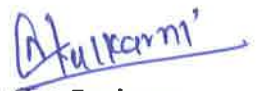
- 5) Quotations will be opened on the same day (07/03/2022) at 3.30 PM in the presence of agency or their authorized representatives, if any. The offer of the agency should be commercially clear including acceptance of all terms and conditions of this Quotation by the agency. IISER Pune reserves the 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.	Material	IISER PUNE
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 /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



Okulkarni
Executive Engineer

IISER Pune

Bill Of Quantity

Name of work : Supply and installation of LED fittings with required accessories at sport grounds, IISER Pune.

Note : Quoted rates are inclusive of all taxes, labor, transportation, etc. Nothing extra shall be paid separately.

Sl.No	Description of Work / Item(s)	Quantity	Units	Rates in words and Figure	Amount
1	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	72	Metre		
2	Supplying & erecting PVC armoured cable, 4 core 2.5 sqmm copper conductor, ISI mark, Polycab/Finolex/KEI make, on wall / trussed/ pole or laid in provided trench, pipe etc in approved manner. The rate is inclusive of the cost of material, labour, hoisting, all taxes & levies, octroi etc complete as per direction of Engineer in charge.	100	Meter		
3	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of Single poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make L&T/ Legrand/Schneider/Siemens	10	Nos		
4	Supply and laying of HDPE PLB 40 mm OD pipe, suitable for LT cable with required duct coupler	30	Meter		



5	Supply and fixing of 70 / 72 W LED flood light ,(Specifications : Cool day light , IP 66, with internal driver, mounting brackets, 230 V, 50 Hz, efficiency min 100 L/w, housing material - Aluminium dia cast, Beam angle 60 dregree for light source) on surface/ 7 to 16 m height pole with required tools, plant, labours, manpower, transport, taxes, handing, etc included, as required. Make Wipro / Crompton / Philips (Required hoist crane and safety equipement is in scope of agency. Extream care should be taken when working on height by the agency. IISER Pune will not be responsible for any incident or accident etc) During execution of work, any sport court should not be damaged in any form.	40	Nos		
6	Laying and fixing of one number LT cable armoured direct in ground including excavation, refilling as required, with existing PLB/DWC pipe of suitable size for said cable (35 mm dia), protective covering refilling the trench etc, depth min 700 mm as required. PLB/DWC pipe is not considered in this item. upto 35 sqmm	100	meter		
7	Laying and fixing of one number LT cable armoured of approved make in the existing trenches/pipes/trays/on surface with existing protective covering of DWG/PLB pipe of suitable size of cable as required. as complete as per direction of Engineer in charge. PLB/DWC pipe is not considered in this item. Upto 35 sqmm	20	meter		
8	Supplying and laying 12 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	100	Metre		
9	MV Cable Jointing & End Termination : Supplying and making indoor end termination with brass compression gland and copper lugs, for following size of PVC insulated and PVC /XLPE sheathed , copper conductor cables of 1.1kV grade as required. : Size - 4 C X 2.5 sq.mm Copper ,XLPE Armoured Cable	20	Each		



10	Supplying & erecting street light bracket as per drawing for mounting street light LED fitting on 7 meter height pole , suitable for LED 40 W street light fitting made from suitable dia. Class B. 40 mm dia nominal bore G. I. pipe, 1.0 meter horizontal distance as per drawing, mounted on existing pole with nuts and bolts or G I clamps fabricated from 25 mm x 5 mm M.S. strip & using appropriate S.S. nuts & bolts etc as per manufacturer specifications. The rate is inclusive of the cost of material, labour, hoisting, all taxes & levies, octroi etc complete as per direction of Engineer in charge. Approval ny Engineer in charge is compulsory before execution of work. (Required hoist crane and safety equipment is in scope of agency. Extream care should be taken when working on height by the agency. IISER Pune will not be responsible for any incident or accident etc)	100	Kg		
11	Supply and fixing of 150 W LED High bay light , (Specifications : Cool day light , IP 66, with internal driver, mounting brackets, 230 V, 50 Hz, efficiency min 100 L/w, housing material - Aluminium dia cast, Beam angle more than 60 dregree for light source), mounting should be done on 7 to 16 m height ceiling with required tools, plant, labours, manpower, transport, taxes, handing, etc included, as required & complete . Make Syska SSK-HBG-150 W IP65 / Wipro / Crompton / Philips / syska (Required hoist crane and safety equipement is in scope of agency. Extream care should be taken when working on height by the agency. IISER Pune will not be responsible for any incident or accident etc)	6	Each		
12	Supply and installation of Metal Enclosuer boxes for DP MCB on surface with required accessories as complete.	10	Each		
13	Removing of existing faulty fittings from 12 meter height pole and handed over to IISER Pune with accessories as complete.	35	Each		



14	Refixing of existing fitting on existing modified brackets with required accessories and angle as per site requirement , as complete with cable / wire connection, nutbolts, welding, dressing etc as complete.	35	Each	
	Total (Including all)			



EE IISER Pune

Sign and stamp of agency

