



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/ 62

Dated 02/ 03 / 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 11/03/2021** 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 LED flood lights for New football Ground at IISER Pune, Campus.

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 / 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. 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 11/03/2021**. 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 ² / Legrand Arteor / Legrand Myrius
17	LED Indicating Lamp	GE/SCHNEIDER/ Teknic/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	Metalllic 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, Fluorescent CFL/GLs , (Indoor & outdoor type)	Philips / Wipro/ Crompton/bajaj/syska
39	LED Light fitting (Indoor and outdoor type)	Wipro/Syska /Philips/Crompton/bajaj
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, splings	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



Naikami
Executive Engineer
IISER Pune

BOQ (Bill of Quantity)

Name of work : Providing LED flood lights for New football Ground at ISER Pune, Campus.

Sr. No.	Description of Item	QTY	Unit	Rates in words and figure	Amount
	Note : Quoted Rates are inclusive of all such as GST, labour, lead, lift, royalties etc. Nothing extra shall be paid separately.				
1	Supplying & erecting LED 250 W flood light fitting on existing 7mtr hight pole with specifications : Temperature 3000 to 6500 K, IP65 Protection, -20 to +40 degree celcius operating temeperature, Pressure die cast aluminium material, CRI>80, Operating voltage 100 to 270 V AC, Lumens > 24000, minimum 1 year warranty, MS powder coated mounting bracket which is suitable for mounting new fitting on existing bracket. Heat resistance, EPR gasket bonded to housing shell render the luminaries dust proof & jet proof to IP 65/IP 66. Make Syska / Jaquar / Philips / Wipro / Bajaj / Crompton. Warranty minimum 12 months from date of commissioning.	16	Nos		
2	Supplying & laying of PVC flexiblae cable, 3 core 2.5 sqmm copper conductor, ISI mark, Polycab/Finolex/Asian/Glowstar/RR 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.	150	Mtr		
3	Supplying of PVC armoured cable, 4 core 4 sqmm cu conductor, ISI mark, Polycab/Finolex/Asian/Glowstar make, in approved manner.	275	Mtr		
4	Supplying of PVC armoured cable, 3.5 core 35 sqmm Al conductor, ISI mark, Polycab/Finolex/Asian/Glowstar make, in approved manner.	180	Mtr		



Sr. No.	Description of Item	QTY	Unit	Rates in words and figure	Amount
5	Supplying and making end termination with brass compression gland and Cu lugs for 4 core 4 sqmm size of PVC insulated and PVC sheathed / XLPE copper/aluminium conductor cable of 1.1 KV grade as per direction of Engineer in charge.	32	Each		
6	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3½ X 35 sq. mm (32mm)	2	Each		
7	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Upto 35 sq. mm	145	Mtr		
8	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. Upto 35 sq. mm	35	Mtr		



Sr. No.	Description of Item	QTY	Unit	Rates in words and figure	Amount
9	Supply and fixing of outdoor type PVC pole mounted box having 4 pole 16 A connector strip for termination of 2 runs of 4Cx 4 sqmm cu armoured cable, bottom cable entry with gland termination, DIN rail for SP MCB, mounting clamps for pole, earthing termination , MV danger plate on its door, Hinged door with panel lock, dust and water free design, gray or white colour. Transport, handling, labour etc are included, as complete.	16	Nos.		
10	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. Single Pole	16	Nos.		
11	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. Triple pole and neutral	1	Nos		
12	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	260	Mtr		



Sr. No.	Description of Item	QTY	Unit	Rates in words and figure	Amount
13	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering. Upto 35 sq. mm	275	Mtr		
14	Supply and laying of DWC pipe 40 mm dia suitable for LT cable with required duct coupler & other required accessories.	265	Mtr		
15	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	25	Sqm		
16	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	25	Sqm		
	Total				

Maitram
Executive Engineer
IISER Pune



Sign and Stamp of Agency