



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/20-21/08

Dated 12 /01 / 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 18/01/2021** 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 CCTV System for Well & Pump House in IISER Pune Campus.

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 /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 **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 containing two separate envelope, **One envelope containing qualification documents and Second envelope containing sign, Stamp, NIQ documents with quoted rates** to this office by suitable means on and before **18/01/2021 15:00 PM** 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. Quotations will be opened on the same day (**18/01/2021**) at **3.30 PM** in the presence of agency or



their authorized representatives, if any. Please mentioned – **Technical /Qualification bid** on envelope-1 and **Financial Bid** on envelope - 2.

- 5) Commercial bid/Financial bid envelop of technically qualified bidder shall be opened accordingly intimation to technically qualified bidder. 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. Quotations submitted with any conditions shall be treated as 'Conditional Quotation' and shall be summarily be rejected by IISER PUNE.
- 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/AESocomec/Conzerv/SECURE/HPL/Legrand/L&T/ABB/Schneider
7	Terminal Junction boxes / blocks / connectors	Elmex / Connectwel
8	Cable Lugs	Jhonsen / 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 / Legrand Arteor / Legrand Myrius
17	LED Indicating Lamp	GE/SCHNEIDER/ Teknik/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	Metallic 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/ GE
39	LED Light fitting (Indoor and outdoor type)	Wipro/Asian/Syska /Philips
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	Finolux / Polycab / Lapp
56	Online UPS	Vertive / Eton / ABB / APC / Novature
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) including cables, LIUs, Pigtails, patch cords, connectors, couplers, splittings	Amp / CISCO / D link / Legrand
59	Network rack / Data center rack / distribution rack / server rack 63 (Sizes 6 U to 42 U)	Vertive / APW-Vero President / Lergand / Schneider
60	CCTV, CCTV system and component	Bosch / Panasonic / JCI / Honeywell
61	Addressable fire alarm system	Bosch / Notifier / Siemens / Honeywell
62	Cable for fire detection & alarm system	Finolux / Polycab / Lapp/ RR
63	Access Control system	Honeywell/ess/ matrix
64	Surveillance Hard Disk	WD purple/ Seagate/Toshiba
65	Emergency exit button/door release (Green color)	Eecco/lotus security solution/faradays micro system
66	Access door Push button	Navkar system/formorm/ess/secureye



(Signature)
Executive Engineer
IISER Pune

Name of Work:- Providing CCTV System for Well & Pump House in IISER Pune Campus.

Sr No.	Description	Qty	Unit	Rates in words and figure	Amount
1	SITC of 2 Megapixel IP dome camera, 2MP full real time recording, 1/2.8 CMOS, 3.6 mm @F1.8, Angle of View: 79 deg lence, 1/25s ~ 1/10000s, 0.1 lux @F1.2 Color, H.264 / MJPEG, High Profile dual-stream, 1080p, 720p, D1, CIF resolution, IR range of 10 ~ 20 m, RJ-45 connector, ONVIF, S interference protocol, IP 66, Motion Detection-395 zones, Privacy Masking-4 zones, 12VDC with required PVC Box & all accessories.	10.00	Each		
2	SITC of 16 CH IPC input NVR, 2 SATA HDD Slot (Max 8TB), with 4 TB hard disk-01 Nos of approved make, Realtime Recording Resolution (16 Channels @ 720P, 8 Channels @ 1080P), Real-time Local Playback (16 Channels @ 720P, 2 Channels @ 1080P), Multiplex Operation, Standard H.265, H.264 profile, BNC/VGA/HDMI output, main profile, baseline, HDD redundancy, Free DDNS, backup -USB Device & Network, USB HDD, USB 2.0 x 2, SATA writer, 1 RS-485, support 18 kinds of PTZ protocols, ONVIF 2.0, 16 CH IPC audio input and Output- RCA x 1, Power supply of DC12V/1.5A.	2.00	Set		
3	SITC of 4 TB surveillance hard disk with required all accessories.	4.00	Each		
4	SITC of 9 port (PoE) Ethernet Routing Switch with 10/100/1000 (802.3af/at) PoE ports plus 2 SFP ports with 1 No of compatible module (standalone) Incl Base S/W Lic Kit. (RoHS compliant). Access PoE+ switches with PoE budget of 150W. (UK & IRE power cord).	2.00	Set		
5	Supply and Fixing of OFC Patch cord 3 Mtr length SC to LC	2.00	Each		
6	Supplying and drawing of UTP 4 pair CAT 6 LAN flexible Cable in the existing surface/ recessed Steel/ PVC conduit/Casing Capping as required.	250.00	Mtr		
7	Supplying and drawing of UTP 4 pair CAT 6 LAN armoured Cable in the existing surface/ recessed Steel/ PVC conduit/trench as required.	150.00	Mtr		
8	Supply and making end termination for UTP 4 pair CAT 6 LAN cable with RJ-45 connector which is suitable as required.	20.00	Each		
9	Supply and Laying of 6 core single mode OFC cable on wall surface/ cable tray/ ground etc with required clamps etc with direction of engineer in charge.	500.00	Mtr		
10	Supply and Fixing of LUU 6 Port SC unsealed box	2.00	Each		
11	Supply and Fixing Splicing for 6 core OFC cable	12.00	Each		
12	Supply and Fixing pigtail for OFC cable	12.00	Each		
13	Supply and Fixing of OFC Patch cord 3 Mtr length SC to LC	2.00	Each		
14	Supply and Fixing of OFC Patch cord 3 Mtr length SC to SC	2.00	Each		



15	Supply and Fixing following size of medium class PVC conduit with all necessary accessories in surface/recess including cutting the wall and making good the same in case of recesses conduit as required.			
15.1	25 MM	50.00	Mtr	
16	Supply and fixing of 25 mm PVC casing in ceiling on surface like wall / partition / ceiling with required accessories like bends etc for existing data and power cable.	40.00	Mtr	
17	Supplying and laying of following size DWV HDPE pipe (SI) marked along with all accessories like socket, bend, couplers etc conforming to IS 14930, Part II complete with fitting and cutting, joining etc direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.			
17.1	40 MM dia	100.00	Mtr	
18	Supply & Installation of 12 Vdc, 2A Power Supply for Camera.	10.00	Nos.	
19	Supply & Installation of 12 Vdc, 4A Power Supply for Access door controller.	10.00	Nos.	
20	Supplying and fixing suitable size GIPVC box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	5.00	Nos.	
21	Supplying and drawing following sizes of FRLS PVC Insulated copper conductor, single core cable in the existing surface/recessed steel PVC conduit as required			
21.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	25	Mtr	
	Total			

(Signature)
 Associate Engineer, JISER Pune



Sign and Stamp of Agency