



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/2019-20/

Dated 11/ 11 / 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 18 /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: - Supply and Installation of 15 HP Monoblock Pump set and repairing of 15 HP open well submersible pumps at 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 **10 (Ten)** 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 18/11/2019**. 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 (**18/11/2019**) 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

		ISER PUNE
S.No.	Material	Make
1	Instrument Transformers Indicating Meters	Kappa/Kaipra/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, Fluorescent 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



(Signature)
 Executive Engineer
 IISER Pune



Schedule of work :

Name of work : Supply and installation of 15 HP monoblock pump set and repairing of 15 HP openwell submerciable pumps at IISER Pune.

Sr.No.	Description	Qty	unit	Rate in words and figure	Amount
1	Supply, installation, testing and commissioning of Centrifugal monoblock pump 15 HP, 3 phase, 415 V, 50 Hz, 11 KW, 700 LPM for 51 m head, ISI marked, suction & discharge 80 x 65 mm dia, sealing - gland packing, selfpriming, full assembly with motor, pump, terminal box, foundation, required accessories etc. and termination with existing cable, earthing connection, connection with existing starter. Pump should be outdoor type minimum IP44 protection, complete work as per direction of engineer in charge. (Make Kirloskar / CG / CRI)	1	nos		
2	Supply, installation, testing and commissioning of Fully automatic Star delta starter with SPP protection, VM, AM indication, selector switch, enclosure box with door for min 15 HP 3 phase pump. Starter includes proper rated contactors, relay, push buttons, SPP, metering, control and power cable. Connection with newly installed pump and testing is in scope of agency.	1	nos		
3	Supply, installation, testing and commissioning of outdoor type panel with double door, 14 SWG sheet for panel, earthing terminal, suitable for mounting of 2 nos 15 HP fully automatic star delta starter, MCCB incomer and 3 FPMCB outgoing, suitable for termination of 3 1/2 x 150 sqmm al arm cable. Having MS stand with 50x50x5 mm thick channels, height of stand 1200 mm. bottom cable entry, louvers for ventilation with mesh. GA drawing should be submitted for approval from Engineer in charge before manufacturing. (make of Switch gear L&T / Legrand / C&S)	1	nos		
4	Supply and laying of 1 c x 6 sqmm copper conductor flex cable, 1.1 KV grade, XLPE insulated into panel as required. (Make Polycab / Finolex / RR)	24	meters		
5	Supply and laying of 3 C x 4 sqmm copper conductor flex cable, 1.1 KV grade, XLPE insulated in existing PVC pipe as required. (Make Polycab / Finolex / RR)	40	meters		



6	Providing and fixing G.I. pipes complete with G.I. fittings, 4 set of flanges, 2 nos bends , cutting, tapping , sockets , T joints nutbolts., etc including trenching and refilling etc , as required to complete the job is in scope of agency. (65 mm dia. Nominal bore)	10 meters		
7	Supply and fixing of 85 mm dia green hose pipe (Bangdi) pipe with flange, reducer, warm clip, nutbolts etc as required.	30 meters		
8	Supply and installation of C. I. foot valve with suitable size for 15 HP pumps with flanges, reducer worm clip, nutbolts and clips etc for above pumps as required and as directed by Engineer in charge	1 nos		
9	Supply and making of Cement concrete foundation for above motor pumps with mounting bolts, earthing terminals and cable entries. Depth below ground level should be as decided by engineer in charge. Foundation should have RCC, PCC and CC work. Approval should be taken by the agency with detailed layout from Engineer in charge for execution of foundation work. Earth work in excavation by mechanical means (Hydraulic Excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	8 Cum		
10	Repairing, Servicing, reinstallation, testing and commissioning of pump including miscellaneous work , accessories , transport etc as complete. Crompton Greaves/ Kirloskar make 15Hp 3Ph Openwell Submersible pump set			
a	Winding wire set	5 No.		
b	Oil Seal	5 No.		

c	Motor brass bushing Upper & lower set	5 No.		
d	Set of bearing and gasket	5 No.		
e	Rotor & impilear balancing	5 Set		
f	Water Proof Cable Jointing Kit	5 Set		
g	Pump Servicing charges	5 Job		
h	Pump transport charges	5 Job		
i	Pump installation & testing charges	5 Job		
j	3 C x 4 sqmm copper flat cable, 1.1 KV grade , PVC insulated , make Polycab/RR/Finolex (15+15 m from pump to starter without any joint)	150 mtrs		
			Total	

Total in words :

Akulkarni

Executive Engineer, ISER Pune.

Sign and Stamp of Agency



