



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

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

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

Ph No 020 2590 8001 Fax 020 2588 7499 / 2589 8022

No: 54(2) /IISER/Pune/2022-23/185

Dated 07 / 07 / 2022

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 15/07/2022 from approved and eligible contractors registered with anyone of CPWD, Maharashtra State PWD, Railways, and MES in appropriate category for electrical (B&C) works or service provider for pump and motor repairs. The quotations will be opened at 3.30 PM on the same day.

NAME OF WORK: - Repairing and reinstallation of various types of water pumps at IISER Pune.

Issue to –

Name and address of the agency –

Terms and Conditions:

- 1) The applicant should be approved and eligible contractors registered with anyone of CPWD, Maharashtra State PWD, Railways, MES in appropriate category for electrical (B&C) works OR service provider for pumps and motor repairs. Applicant should submit attested or notarized copies of the experience certificate for the work completed **within last three years from client department with copy of work order** or completion certificate to along with the quotation. Bidders not meeting the minimum eligibility criteria shall be summarily rejected.
- 2) Time period for completion of work shall be **45** days from the date of placing the work order by IISER Pune. The act of backing-out after opening of quotation will debar such agencies for participating in the 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 one day before submission date of quotation as specified above.
- 3) Notice Inviting Quotation (NIQ) document may be obtained from IISER PUNE at 121, Engineering Section, Main Building, IISER PUNE Campus, Dr. Homi Bhabha Road, Pashan, Pune - 411008 between 10 AM to 4 PM on all working days before date of submission. Applicant may submit quotation by obtaining NIQ document from IISER PUNE website at <http://www.iiserpune.ac.in/links/tender-notices-and-eoi>
- 4) All agencies need to submit their quotation in hard copy in sealed envelope on and before 3 PM on **15/07/2022**. 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 BOQ. Rates quoted in words shall be treated as Final for deciding L1 bidder. The bid shall



be submitted in the original bid document (as issued by the IISER, Pune or Webcopy super scribing the name of work. Quoted rates shall be valid for 60 days from the date of opening of quotations. Rates shall be quoted in hand writing at the spaces provided in NIQ document.

- 5) Quotations will be opened on the same day 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 quotations 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. No Bidder shall contact the IISER Pune on any matter relating to his bid from the time of the bid opening to the time of issue of work order. Any effort by the Bidder to influence the IISER's bid evaluation, bid comparison or contract award decisions, may result in the rejection of his bid.
- 8) All approved makes shall be as specified in BOQ and as per CPWD 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. Income Tax and labour cess will be deducted from the bills of the work.
- 9) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications & 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. All the safety measures shall be followed by the L1 agency as per prescribed norms during execution of work with all the necessary safety tools etc. Executing Agency shall be sole techno-commercially responsible for the strict adherence of safety norms and allied compensations etc.
- 11) Agency should submit measurements and abstract sheets to IISER PUNE for the payments within 30 days from completion of work.

Superintending Engineer IISER Pune



Schedule of Quantity :

Date :

07-07-2022

Name of work : Repairing and reinstallation of various types of water pumps at IISER Pune.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate (In words and Figure) Rs.	Amount. Rs.
1	Repairing of Crompton Greaves & Kirloskar make 15Hp 3Ph Openwell Submersible pump set . Works includes replacement of copper winding , oil seal, motor bress bushing upper & lower set, set of bearing and its gaskets, rotor & impilear balancing, pump servicing, testing and installation with standard wire 3c x 4 sqmm copper flat cable with minimum 2 R x 3 meter in length . Trasportation for pump from IISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency.	6	Nos		



SI.No	Description of Work / Item(s)	No.of Qty	Units	Rate (In words and Figure) Rs.	Amount. Rs.
2	<p>Repairing of Crompton Greaves & Kirloskar make 15Hp 3Ph Openwell Submersible pump set. Works includes replacement of empeler casing, oil seal, motor bress bushing uppper & lower set, set of bearing and its gaskets, rotor & impilear balancing, pump servicing, testing and installation with standard wire 3c x 4 sqmm copper flat cable with minimum 2 R x 3 meter in length. Trasportation for pump from IISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency. (Copper winding is not included for this item)</p>	1	No.		
3	<p>Repairing of Crompton Greaves & Kirloskar make 15Hp 3Ph Openwell Submersible pump set. Works includes replacement of oil seal, motor bress bushing uppper & lower set, set of bearing and its gaskets, rotor & impilear balancing, pump servicing, testing and installation with standard wire 3c x 4 sqmm copper flat cable with minimum 2 R x 3 meter in length. Trasportation for pump from IISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency. (Copper winding & casing is not included for this item)</p>	4	No.		



SI.No	Description of Work / Item(s)	No.of Qty	Units	Rate (In words and Figure) Rs.	Amount. Rs.
4	Repairing of Crompton Greaves & Kirloskar make 10Hp 3Ph Openwell Submersible pump set . Works includes replacement of copper winding, oil seal, motor bress bushing upper & lower set, set of bearing and its gaskets, rotor & impilear balancing, pump servicing, testing and installation with standard wire 3c x 4 sqmm copper flat cable with minimum 2 R x 3 meter in length. Trasportation for pump from ISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency.	1	No.		
5	Repairing of Crompton Greaves & Kirloskar make 15Hp 3Ph monoblock pump set . Works includes replacement of copper winding, oil seal, motor bress bushing upper & lower set, set of bearing and its gaskets, rotor & impilear balancing, pump servicing, testing and installation with standard wire 3c x 4 sqmm copper flat cable with minimum 2 R x 3 meter in length. Trasportation for pump from ISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency.	1	Nos		



SI.No	Description of Work / Item(s)	No.of Qty	Units	Rate (In words and Figure) Rs.	Amount. Rs.
6	Repairing of 0.5Hp Pressure Booster pump set , which includes winding of motor, replacement of oil seal, bearing set, motor fan, pressure switch, pump servicing. Trasportation for pump from IISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency.	2	Nos		
7	Repairing of 1 Hp Pressure Booster pump set , which includes winding of motor, replacement of oil seal, bearing set, motor fan, pressure switch, pump servicing. Trasportation for pump from IISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency.	2	No.		
8	Repairing of 2 Hp 1Ph monoblock Mudpump pump set . Works includes replacement of copper winding, oil seal, motor bress bushing uppper & lower set, set of bearing and its gaskets, rotor & impilear balancing, pump servicing, replacement of capacitor, testing and installation with standard wire 3c x 4 sqmm copper flat cable. Trasportation for pump from IISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency.	1	No.		



SI.No	Description of Work / Item(s)	No.of Qty	Units	Rate (In words and Figure) Rs.	Amount. Rs.
9	<p>Repairing of Crompton Greaves & Kirloskar make 5Hp 3Ph monoblock pump set. Works includes replacement of copper winding, oil seal, motor bress bushing uppper & lower set, set of bearing and its gaskets, rotor & impilear balancing, pump servicing, testing and installation with standard wire 3c x 4 sqmm copper flat cable.</p> <p>Trasportation for pump from IISER Pune to workshop & return, loading, unloading, labour, handling, taxes etc are included in scope of work for agency.</p>	1	Nos		
10	<p>Supply, installation, testing and commissioning of pressure switch make danfoss / L&T / Switzee</p> <p>Specification : Regulation range [bar] Pe: 2.00 - 14.00, Differential [bar]: 0.70 - 4.00, Reset function: Auto, Pressure connection type: Flare, Pressure connection size: 1/4, Enclosure rating IP: IP30, Max. Working Pressure [bar]: 17.0with required accessories on existing pipe, as complete.</p>	6	No.		



SI.No	Description of Work / Item(s)	No.of Qty	Units	Rate (In words and Figure) Rs.	Amount. Rs.
11	Supply, installation, testing and commissioning of Pressure gauge with 1/2" valve and accessories. specifications : Connection size 1/4 inch, Cabinet diameter 50, Measuring range (bar) 0 to 16, Scale division (bar) 0.5 bar, Connection location Below ,Cabinet material Steel, Pressure gauge attachment Direct, Pressure unit bar/psi, Process connection material Brass.	6	No.		
12	Supply, installation, testing and commissioning of Pressure tank minimum 24 L , 10 bar working pressure, make Grudfos / Venice / Crompton / Kirloskar. Works includes installation of tank on existing pump including all accessories, hardware, labour etc as complete.	6	No.		
13	Supply and laying of 3 C x 4 sqmm copper flat cable, 1.1 KV grade , PVC insulated , make Polycab/RR/Finolex (From pump to starter 2R x 10 m for each pump)	150	meter		



SI.No	Description of Work / Item(s)	No.of Qty	Units	Rate (In words and Figure) Rs.	Amount. Rs.
14	Supply and installation of HDPE pipe 75 mm dia with required accessories like clamps, nutbolts etc as complete.	100	meter		
15	Supply and laying of nylon rope of minimum 25 mm diameter in cross section : Single piece in length.	200	meter		
16	Supply and installation of 3" PVC footvalve with required accessories and hardware like clamps , nutbolts etc as complete.	2	Nos		
17	Supply and fixing of water proof joint on 3 c x 4 sqmm copper flat flax cable with all accessories , as complete.	12	Nos		
				TOTAL Rs.	
	(In words : Rs.				
	(Rates quoted should be inclusive all taxes, labour, transport etc., Nothing shall be paid extra)				



[Handwritten Signature]

Superintending Engineer
**INDIAN INSTITUTE OF SCIENCE
EDUCATION & RESEARCH PUNE**
GF, Main Building, Engineering Section,
Dr. Homi Bhabha Road, Pune-08.

APPROVED MAKELIST FOR ELECTRICAL

SL.No.	Material	IIISER PUNE
		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 /EHns / 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	Metal Halide fitting. Fluorescent CFL/GLs	Bajaj / Wipro / Crompton / Philips
25	LED Light fitting	Wipro/Asian/Siska /Philips
26	Ceiling Fan	Crompton greaves (high breeze)/ Bajaj Super Model /Usha
27	Exhaust Fans	Alstom/Almonard/Lisha/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	Bajaj / Wipro / Crompton / Philips
38	Recess mounted down lighter	Bajaj / Wipro / Crompton / Philips
39	Wall mounted luminaire	Bajaj / Wipro / Crompton / Philips
40	Data Cable - CAT-6	D-Link/Legrand/Polycab
41	External light fittings/ Garden Light fittings	Bajaj / Wipro / Crompton / Philips
42	Base plates and face plates	Legrand Mosaic/MK/Schneider/ Anchor(Ave)
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 /RR/KEI/CCI
56	Other Items	Approval of Engineer In charge.
57	Isolation Transformer	Numeric Digital system (Novature)/ Neelkanth power solution/Ador powertrans

