

**INDIAN INSTITUTE OF TECHNOLOGY MADRAS CHENNAI 36****e-Quotation No. 04/2019-20/ELDB/Qn04****e-Quotations are invited from the reputed HVAC contractors for the work of Provision of Booster pump with allied works on chilled water lines near SAC building in IIT Madras**

<b>SI.No</b>	<b>Description of work</b>	<b>Quantity</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	SITC of chilled water booster pump complete with end suction pump with bronze impeller suitable for 900 US GPM at 10 to 20 meters head range (Make: Kirloskar/Grundfos/ Amstrong) . The motor shall be suitable for variable speed pumping. Drive motor suitable for 415 +/- 15% V, 50 Hzs, 4P, TEFC squirrel cage induction motor(Make: Kirloskar/Siemens/ABB/Crompton), EFF1 Class and suitable for VFD operation and BHP rating 15% higher than the peak capacity. The motor and pump shall be assembled / aligned at the factory. The motor shall be sourced from the same pump supplier. The price should include base frame, coupling, vibration isolation & insulation for the pumps.	1		Nos	0.00
2	SITC of VFD panel for outdoor installation for booster chilled water pumps consisting of suitable VFD, bypass starters, auto-manual & VFD-Bypass selector switches. Price shall include cabling from VFD panel to individual pump.	1		Each	0.00
3	Supply and installation of Butterfly valve with PN 16 rating for 125mm dia wafer type with insulation (Make: Advance/Audco)	3		Nos	0.00
4	Supply and installation of NRV with PN 16 rating for 125mm dia wafer type with insulation (Make: Advance/Audco)	1		Nos	0.00
5	Supply and installation of Y strainer with PN 16 rating for 125mm dia with insulation (Make: Advance/Audco)	1		Nos	0.00
6	Supply and installation of rubber expansion joint assembly 125mm dia for booster chilled water pump at suction and discharge side	2		Nos	0.00

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SI.No	Description of work	Quantity	Rate	Unit	Amount
7	Supply and installation of MS C class pipe 150mm dia with 50mm RPUF insulation materials with hot bitumen insulation with finished sand cement plastering(Make: TATA/JINDAL)	6		Metre	0.00
8	Supply and installation of MC c class pipe 125mm dia with 50mm RPUF insulation materials with hot bitumen insulation with finished sand cement plastering(Make: TATA/JINDAL)	12		Metre	0.00
9	Supply and installation of pressure gauge (H Guru/)	2		Nos	0.00
10	Supply and laying of PVC/XLPE armoured cable 4 core 6 sq mm copper conductor with glans and sockets on both ends continuous 6 SWG G.I. earth wire complete to be laid on ground to be excavated at a depth of 75mm and 30mm wide with sand covering brick cover protection, refilling the earth as required.(Make(Polycab/GLOSTER/KEI)	100		Metre	0.00
<b>Total</b>					<b>0.00</b>
<a href="https://www.tenderwizard.com/IITMDS">https://www.tenderwizard.com/IITMDS</a>					
<b>Terms &amp; Conditions:</b>					
<b>Due date : 22.04.2019</b>					
1. The rate quoted shall be inclusive of GST. Location - SAC Building at IIT Madras					
2. The supply and Installation shall be 30 days from the date of purchase order.					
3. No advance payment and the payment shall be made on receipt of invoice after effecting the supply.					
4. The contractor may be advised to visit the site before quote so that the agency should arrange required tools & plant for completing the installation.					
5. Email id - eu_eeeoffice@iitm.ac.in					
6. Contact Person @ IIT Madras - A E E (Electrical) - 9444008133					
6. Contact Person for online submission - Mr. Dinesh - 9894191904					
<b>Consultant (Elect)</b>			<b>Executive Engineer (E)</b>		