

SPEED POST



સરદારવલ્લભભાઈનેશનલઈન્સ્ટીટ્યુટઓફટેકનોલોજી, સુરત
સરદારવલ્લભભાઈરાષ્ટ્રીયપ્રૌદ્યોગિકીસંસ્થાન, સુરત
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
(An Institute of National Importance, Ministry of Education, Government of India)

SVNIT

No. DoME/FM-HM Lab /OH-35 / 2025-26

Date: 24/11/2025

22 DEC 2025

ત્વરીત ડાક
SPEED POST

To,

Institute Website

Sub: Enquiry for PLC/SCADA/IOT system for Turbine test rigs (Industrial Controller along with Widows based customized operating software) [Qty. 3 set]

Dear Sir,

You are requested to quote your rates for Supply of **PLC/SCADA/IOT system for Turbine test rigs** at the SVNIT Campus, Surat listed overleaf. The quotations may be sent to the undersigned in a sealed envelope and superscripted as "Quotation with reference to Enquiry No: **DoME/FM-HM Lab./OH-35/2025-26, dtd.24/11/2025**". Your quotation should reach the undersigned on or before **12/12/2025 at 5:00 P.M. addressed to The HOD, DoME, S. V. National Institute of Technology, Ichchhanath, Surat-395007, Gujarat**. However, SVNIT Surat accepts no responsibility for offers received after the due time and date.

The quotations should be furnished with the following information.

1. The rates specified in the quotation are for Supply of **PLC/SCADA/IOT system for Turbine test rigs** at the SVNIT Campus, Surat as per the required features mentioned in the table on a **F.O.R. Institute** basis.
2. GST and any additional charges such as transportation F.O.R. SVNIT should be clearly specified at the concessional rates allowed to educational institutions as per the relevant notification of the Government.
3. The supply period is to be clearly mentioned in the quotation.
4. The supply order is for a period of **30 days** from the date of issue of a confirmed supply order.
5. The period of validity of the quotation should be at least 30 Days after last date to receive the quotation. Offer subject to a prior sale may please be avoided.
6. Generally, Payment shall be made within a period of thirty days from the date of satisfactory completion of the supply, installation, training & submission of bills and official procedure from the account section of the institute.
7. All concessions available to an educational institution should be specified and also taken into account while quoting.
8. The mode of supply must be mentioned. The supply should be at F.O.R. SVNIT, Surat.
9. An offered quotation may be rejected if any ambiguity is found.
10. The supply will be executed under the direct supervision of the Department Head, Mechanical Engineering.
11. In case of any accident during supply leading to injuries/damages to human being/equipment, or loss of life the bidder shall be fully responsible for settling all claims and indemnify the department against any claim arising out of such accident.
12. The acceptance of inquiry will rest with the competent authority (The Director, SVNIT, Surat) who does not bind himself to accept the lowest one and reserves the right to accept or reject any or all the inquiry tenders without giving any reasons thereof.
13. The Director, SVNIT, Surat reserves the right to accept an offer, which is not strictly conform to the specifications but is otherwise, found suitable. If offers do not comply with specifications or are found in substandard condition, the same is to be taken from the institute, at the cost and responsibility of the supplier.

Yours faithfully,

Head, Mech. Engg. Dept.

Technical Specifications

Sr. No.	Item Description	Qty.	Unit Rate Rs. Ps.	Total Rs. Ps.
1.	PLC/SCADA/IOT system for Turbine test rigs (Industrial Controller along with Widows based customized operating software)	03 set		
	1) High-end CPU with multiple communication facilities and multiple PID loop execution capability. IEC61131 compatible hardware and software 2) 8 Channel Analog Input and 4 Channel Analog Output modules 3) 8 Channel Digital Input and 8 Channel Digital Output support 4) 2 Channel RS485 communication 5) Standalone Widows based customized operating single exe software with attractive GUI, real time trend and report generation. Configurable parameters must be in file and should be under user access. 6) Appropriate communication converter for SCADA communication. 7) Floor standing panel to house controller along with required panel accessories like MCB, SMPS, terminals etc. in plug and play configuration. 8) New system must be in tune with the other control systems installed in the lab. Controller and software should be interchangeable and configurable with the other systems installed in the lab. Operating of all the systems must be same. 9) Development support for at least one year. 10) On-site wiring, installation, testing and final commissioning with all programming. 11) Supply of IoT enabled 7" touch screen HMI 12) Onsite implementation of IoT with a required WiFi device and Ethernet cabling for all 4 test setups in the lab. 13) Existing controller make is Mitsubishi and existing SCADA is Visual IO based single exe software for individual test setups.			

Note: (1) Quotation must be provided on the firms/company's letter pad.

(2) The items will be accepted only after quality and content checks at Department office, Mechanical Engineering.

(3) Clearly mention all the price including all applicable taxes, payment terms, delivery period, transportation cost, validity of quotation, etc.

24/11/2025