



Electrical Engineering Department
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Bawana Road, Delhi-110042

F. No. DTU/EED/2024/486

Dated: 08.02.2024

NOTICE INVITING QUOTATION

Sealed quotations are invited for the supply of **Data Logger** in Electrical Engineering Department. The sealed quotations on company's letter head including GSTIN No. with **F. No. DTU/EED/2024/486**, should reach to the office of the Head, Department of Electrical Engineering, Delhi Technological University, Main Bawana Road, Shahbad Daulatpur, Delhi-110042 latest by **14/02/2024 by 5PM**.

S. No.	Item Description	Qty	
1.	Data Logger with below mentioned specification	01	
	Analog Inputs		8 analog inputs: <ul style="list-style-type: none">• Thermocouple J, K, T, E, N, R, S and B (IEC-584).• Pt100, Pt1000 (IEC-751), 0-20 mA, 4-20 mA, 0-20 mV, 0-50 mV, 0-60 mV, - 20-20 mV, 0-5 V and 0-10V.
	Analog Accuracy		<ul style="list-style-type: none">• Thermocouple J, K, T, E and N: 0.2 % of range ± 1 °C.• Thermocouple R, S and B: 0.2 % of range ± 3 °C.• Pt100, Pt1000, 0-20 mA, 4-20 mA, 0-20 mV, 0-50 mV, 0-60 mV, - 20-20 mV, 0-5 V and 0-10 V: 0.15 % of maximum range.
	Digital Inputs / Outputs		8 digital channels that can be individually configured as inputs or outputs.
	Relay Outputs		2 Relays SPST-NO/NC, 3 A / 250 Vac
	RS485 Interface		Can be used as a Modbus RTU slave or master (can read up to 64 slaves).
	Ethernet Interface		10/100 Mbps.
	Supported Protocols and Services		TCP/IP, DHCP, HTTP, SMTP, SNMP, Modbus RTU, Modbus TCP, FTP server and client.
	Internal Memory		2 MB.
	SD Card		Up to 16 GB.
	Operating Environment		0 to 50 °C. Relative Humidity (Maximum): 80 % up to 30 °C. For temperatures above 30 °C, decrease 3 % per °C. Installation category II. Pollution degree 2. Altitude < 2000 m.
	Power Supply		<ul style="list-style-type: none">• 100 to 240 Vac/dc (50 / 60 Hz)• 24 Vdc/ac (50 / 60 Hz)
	Protection		IP20
	Configuration Software Operation Environment		Software for Windows® XP, Vista and 7. Menus in Portuguese, Spanish or English.



08.02.24

Department of Electrical Engineering

Copy to:

1. Sr. Account Officer
2. HOD (CC) to upload on DTU website
3. Notice board, EED.

