

No.DFB/11026/2022-A3

“SURAKSHA BHAVAN”
OFFICE OF THE DIRECTOR
OF
FACTORIES AND BOILERS,
MEDICAL COLLEGE P.O.,
KUMARAPURAM
THIRUVANANTHAPURAM,
DATED:30-09-2024
PHONE : 0471-2441597

Email:directorate.fab@kerala.gov.in

QUOTATION NOTICE

Sealed quotations are invited from the Suppliers/authorized distributors for the supply and installation of **one anemometer** with specification attached for AWS tower at FACT CD, Ambalamedu as part of the ROCERS project.

The envelopes containing the quotation should bear the superscription **for the supply and installation of one anemometer**. Interested parties may submit their quotations directly to the Director of Factories & Boilers, Suraksha Bhavan, and Medical College. P.O, Kumarapuram, Thiruvananthapuram – 11 on **or before 07-10-2024, 04.00 pm**. Late quotations will not be accepted. Intending firms may submit the quotations on their own letter pads. The rate quoted should inclusive of all taxes, Transportation & installation charges. More details can be had from the Directorate of Factories & Boilers, Thiruvananthapuram on all working days till **07-10-2024, 04.00 pm**. The quotations will be opened 04.30pm on **07-10-2024** in the presence of such of the participants or their authorized representatives who may be present at that time. **The maximum time required for delivery and installation of the article should also be mentioned in the quotation.**

The right of acceptance or rejection of quotation or cancelling the quotation without assigning any reason, at any stage is solemnly vested with the undersigned or the person authorized by him. For further details please contact Ph.No.0471-2441597(A3-Section), Nodal officer:9446744884. The quotation is also available in the official website www.fabkerala.gov.in

Signed by P Pramod

Date: 30-09-2024 17:23:40

DIRECTOR OF FACTORIES AND BOILERS

Specifications for the supply installation of one anemometer at 8m level on the 15 m AWS tower at FACT CD, Ambalamedu.

The work involves **supply** of 1 no.s cup type anemometer with specification given below, **site installation** at 8m level on the 15m height AWS tower in place of existing anemometer, connecting to the data logger and **commissioning** the same.

Sl. No.	Item	Specification
1	Wind speed sensor at 8 m level with cables 9 m length or sufficient length to connect to existing datalogger at 2 m level: Quantity : 1 nos.	Type : Cup Type Anemometer Range 0 to 50 m/s Accuracy +/- 0.5 m/s Threshold speed 0.5 m/s or better Operating temperature : 0 to +60 deg C Resolution : 0.01 m/s or better Continuous monitor accuracy +/-0.25 m/s or better Output : Digital Channel. Gust survival : 0-55 m/s orbetter

- Gross weight of anemometer not to exceed 4 kg.
- Details of site calibration , method and coefficients and wiring diagram to be provided.
- The anemometer shall be mounted at site at a height of 8m on the existing weather station tower without any interference after removing the existing damaged anemometer. Cost of any mounting accessory/ cables shall be borne by the vendor.
- The output of the anemometer shall be compatible with the existing data logger ME1310 DLG of Microcomm India Ltd. OR the other specified data logger.
- The vendor shall visit the site for assessing the feasibility of the anemometer prior to submitting the bid.
- Power supply : the anemometer shall operate operate with DC power supply 12 V or less.
- Product onsite warranty shall be provided for a period of not less than 2 years.
- MOC of anemometer shall be corrosion resistant.