



# MUMBAI PORT SUSTAINABILITY FOUNDATION

Goa Street, Ballard Estate, Mumbai - 400001

Tender No.2025/MPSF/Tend/02

Dated 27 Jan 2025

## TENDER NOTICE

**Mumbai Port Sustainability Foundation**, a company registered in India under Section -8 of the Companies Act, invites bids from eligible bidders for supply, installation, commissioning and maintenance of five numbers online outdoor PM<sub>10</sub> and PM<sub>2.5</sub> monitoring system as per details given below:

1. **Name of work:** Supply, installation, commissioning and maintenance of 3 numbers Continuous Ambient Air Quality (PM<sub>10</sub> and PM<sub>2.5</sub>) Monitoring System for monitoring of particulates at pre-identified locations in Mumbai Port areas.
2. **Last date for submission of tender:** 15 February, 2025 by 1600 hours.
3. **Mode of submission:** Physical / by Post/ Courier to be received in time.
4. **Scope of Work:**
  - a. Supply, installation and commissioning of 3 numbers **Continuous Ambient Air Quality (PM<sub>10</sub> and PM<sub>2.5</sub>) Monitoring System** for monitoring of particulates in Ambient Air at locations identified by the Mumbai Port Sustainability Foundation in side Mumbai Port premises.
  - b. All necessary accessories for successful installation and commissioning shall be supplied/ taken into the scope of work, except for civil, mechanical or electrical works required at site.
  - c. Comprehensive maintenance for all units for 3 years, including warrantee, from the date of installation.
5. **Technical Specification:**
  - a. AMBIENT AIR QUALITY MONITORING STATION (for PM<sub>2.5</sub> and PM<sub>10</sub> with Beta – Ray Attenuation Analysers), Data logger (to store one year data) and LED/LCD display to display real time data, system mounted on tripod / fixed stand (more than 6 feet height) capable taking load of the sensors and other accessories, with provision of external scrolling display of with 20\*4 character high contrast LCD/ or suitable alternative.
  - b. Data download feature to download in Excel or PDF.
  - c. The system should be of weather proof design to withstand high humidity, direct sunlight, rain, dust etc.

- d. The battery backup should be available for data protection during loss of power.
  - e. All operative parameters shall be in accordance with Central Pollution Control Board's Ambient Air Quality Monitoring instrument standards and guidelines.
- 6. Eligibility criteria for bidders:** The bidder should have minimum 2 years' experience of similar works. The bidders are required to produce evidence/ documentary proof of the experience of having undertaken supply, installation, commissioning of Continuous Ambient Air Quality Monitoring Equipments to any agency and a copy of work order followed by release of payment, completion certificates etc.
- 7. Payment:** Payment of the first part i.e. supply, installation and commissioning shall be released within 7days from commissioning of the equipments. The payment for comprehensive AMC part shall be released proportionately at quarterly intervals after successful completion of the 1 year of the installation.
- 8. Tender Submission guidelines and conditions:**
- a. The tender need to be submitted in two cover system consisting of **technical proposal** in one cover and **financial proposal** in other cover. Both the covers should be kept in a third cover specifying tender no. and date of opening on top of it.
  - b. The **Technical cover** should contain detailed technical specification of the equipments, sensors, details of equipments involved in data display, storage and transmission, weather protection properties etc (complete technical specification of the entire system) supported by leaflets, work completion certificates and documents to show proof the experience.
  - c. The 2<sup>nd</sup> Cover i.e. **Financial cover** should contain only price quote.
  - d. The price of comprehensive maintenance for three years including one year covered under warrantee should be quoted separately, as part **B** of the offer.
  - e. For any clarification this office may be contacted by sending email: [mumbaiport@portofsustainability.org](mailto:mumbaiport@portofsustainability.org) or by Phone: 022-66564073/48151645.
  - f. The sealed cover superscribing tender no. and date of opening should reach Mumbai Port Sustainability Foundation, 3<sup>rd</sup> Floor, Sustainability House (*old ABB Building*), Goa Street, Ballard Estate, Fort, Mumbai-400 001.

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