



MUMBAI PORT SUSTAINABILITY FOUNDATION

Ballard Estate, Mumbai - 400001

Tender No.2024/MPSF/Tend/01

Dated 23 September 2024

TENDER NOTICE

Mumbai Port Sustainability Foundation invites bids from eligible bidders for supplying installation, commissioning and maintenance of five numbers online outdoor PM₁₀ and PM_{2.5} monitoring system as per details given below

- 1. Name of work:** Supply, installation, commissioning and maintenance of five numbers online outdoor PM₁₀ and PM_{2.5} monitoring system for continuous monitoring of particulates at pre-identified locations in Mumbai Port areas.
- 2. Last date for submission of tender:** 15th October, 2024 by 1600 hours
- 3. Scope of Work:**
 - a. Supply/ delivery, installation and commissioning following standard guidelines specified by Central Pollution Control Board (CPCB) at locations identified by the Mumbai Port Sustainability Foundation.
 - b. Comprehensive maintenance of all units for 3 years from the date of commissioning.
- 4. Technical Specification:**
 - a. The system should be capable of real-time continuous measurement of PM₁₀ and PM_{2.5} in outdoor environment (exposed to extreme weather) with real-time onsite and offsite display, data logging/ retrieval facility to store at least one month's data with remote access capability.
 - b. The system should be of weather proof design (IP 67 or higher) to withstand high humidity, direct sunlight, rain, dust etc.
 - c. The battery backup should be available for data protection during loss of power, if any
 - d. Measurement range - 0 to 1000 microgram per cubic metre.
 - e. All operative parameters shall be in accordance with CPCB standards and guidelines.
- 5. Eligibility criteria for bidders:** The bidder should have minimum 3 years' experience of similar works.
- 6. Payment:** 100% against delivery, installation and commission of all five systems at Mumbai Port premises.

7. Tender Submission guidelines:

- a. The tender is invited 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 large cover specifying tender no. and date of opening on top of it.
- b. The **Technical cover** should contain bid security amount of Rs.5000/- in form of DD payable to **Mumbai Port Sustainability Foundation**, Mumbai, detailed technical specification of the equipments, sensors, methodology of installation/ commissioning, details of equipments involved in data display, storage and transmission, weather protection properties etc (complete technical specification of the entire system).
- c. The **Financial cover** should contain only price quote.
- d. The sealed cover superscribing tender no. and date of opening should reach Mumbai Port Sustainability Foundation, 3rd Floor, Sustainability House (*old ABB Building*), Goa Street, Ballard Estate, Fort, Mumbai-400 001.
- e. The bidders are advised to refrain from putting their own conditions in the bid, as conditional bids shall be summarily rejected.
- f. For any clarification this office may be contacted by sending email: mumbaiport@portofsustainability.org

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ED, MPSF