

**CSIR - NATIONAL PHYSICAL LABORATORY**

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From: Director, CSIR-NPL

Tender No. 14-VII/SKM(3012-GTE)24PB/T-153

Dated: 09.01.2025

**CORRIGENDUM**

With reference to NPL's Global Tender ID: 2024\_CSIR\_781891\_1 for "Integrating Nephelometer and Denuder". Some changes have been made in the technical specification of captioned tender. Revised specifications are as follows:

- 1) Financial query raised by Bidder (pls refer Annexure A)
- 2) Name of the item in the bid need to be corrected as "Integrating Nephelometer and Denuder" in place of "Nephelometer."
- 3) Following essential accessories need to be added:
  - a) Calibration, Service and Maintenance kit
  - b) Inlets (pm2.5 & 10)
  - c) Disposable filters used in the instrument
  - d) All other small and necessary accessories (like tubes, flange, inlet capping etc.) used for installation and proper functioning of the Nephelometer.

All other terms & conditions of said tender will remain the same.

  
Stores & Purchase Officer

**FORM TO BE USED BY PC FOR FINALISING PRE-BID MINUTES**

**File No.** 14-VII/SKM(3012-GTE)24PB/T-153

**Date:** 27/12/2024

**PC Minutes (To be typed clearly by the I/O)**

Based on the Pre-bid meeting and recommendation of I/O, following changes have been made in the specifications:

- 1) Financial query raised by Bidder (pls refer Annexure A)
- 2) Name of the item in the bid need to be corrected as “Integrating Nephelometer and Denuder” in place of “Nephelometer.”
- 3) Following essential accessories need to be added:
  - a) Calibration, Service and Maintenance kit
  - b) Inlets (pm2.5 & 10)
  - c) Disposable filters used in the instrument
  - d) All other small and necessary accessories (like tubes, flange, inlet capping etc.) used for installation and proper functioning of the Nephelometer.

The file is forwarded to Purchase Section for uploading the final specifications and PC minutes on the website and CPPP Portal.

Declaration: We hereby declare that we have no conflict of interest with any of the bidder in this tender

## **Annexure A**

### **Minutes of the Pre-bid meeting held on 27.12.2024 at 11.00AM in Room No. 160, Ist Floor:**

**Query\_1:** Kindly confirm the rate of concessional custom duty applicable to CSIR-NPL.:

**Justification:** Approximate **5.3%** which may be considered as per govt order.

**Query\_2:** Kindly confirm in case of imports the customs duty shall be paid by CSIR or lternatively will be reimbursed by CSIR to the contractor

**Justification:** In case of import custom duty and other taxes arise shall be paid by CSIR-NPL

**Query\_3:** SCC - Point no. 9 - GCC2.22.1 - Payment terms towards imports to be considered as " 100% payment shall be made either by Irrevocable Letter of Credit payable at Sight, or 100% payment can be made by wire transfer within 15 working days upon intimation of readiness of materials at contractor factory" (pg 26 of 48)\*.

**Justification: 100% Payment** for imported items, payment shall be made by irrevocable letter of credit.

## **Desired specifications for procurement of Integrating Nephelometer and Denuder**

1. **Wavelength:** Multiwavelength
2. **Measured parameters:** Light scattering coefficient and Backscatter coefficient
3. **Lower detectable limit:**  $\leq 0.1 \text{ Mm}^{-1}$  full and back scatter
4. **Range:** 0-15000  $\text{Mm}^{-1}$  or more
5. **Additional measurements:** Sample properties (temperature, pressure & relative humidity (RH) etc.,)
6. **Intensity function:** Full scatter: 10 – 150°  
Backscatter: 90 - 170°
7. **Flow rate:** Adjustment of flow 4-16 slpm or more wide range
8. **Operating temperature:** -10 to 40 °C or wider range
9. **Operating RH:** 20 to 90 % or wider range
10. **Light source:** Stable LED light source
11. **Data storage Capacity:** Minimum storage capacity of 40 GB SD card or more
12. **Communications interface:** USB, TCP/IP, RS232
13. **Denuder:** Suitable for long term continuous ambient air sampling
14. Following **essential accessories** are required:
  - a) Calibration, Service and Maintenance kit
  - b) Inlets (pm2.5 & 10)
  - c) Disposable filters used in the instrument
  - d) All other small and necessary accessories (like tubes, flange, inlet capping etc.) used for installation and proper functioning of the Nephelometer