CSIR- NATIONAL PHYSICAL LABORATORY
Dr. K.S. Krishnan Marg,
New Delhi – 110012 (INDIA)

From: Director, CSIR-NPL
Tender No. 14-VI/NG(1105)22PB/T-18   Dated: 06.06.2023

CORRIGENDUM

With reference to NPL's Global Tender ID: **2023_CSIR_709779_1**, Pre-Bid Conference (PBC) was concluded on 25.05.2023 for "Sound Level Meter Calibration Facility". Consequent upon the outcome of PBC, **some changes have been made in the technical specification of captioned tender. Revised specifications are as follows:**

Sound Level Meter Calibration Facility

The Sound Level Meter Calibration facility with following specifications as follows:

1. Free-field calibration of Sound Level Meter/Analyzers as per IEC 61672 standard for measuring the relative frequency-weighted free-field response level in terms of deviations in A-weighting and C-weighting and Z-weighting in the frequency range of 125 Hz to 20 kHz,

2. Free-field calibration of sound level meters/analyzers and microphones in a dedicated Portable Anechoic Chamber containing sound absorbing wedges and sound source to create constant free-field in the frequency range of ≤ 200 Hz to 20 kHz. The Portable Anechoic Chamber should provide an inner space of at least 1.25 m × 1.25 m × 1.60 m and cut-off of ≤ 200 Hz, inner noise level below 23 dB(A), and with anti-vibration pads in between the base and floor, Fixture to hold the Sound Level Meter along with parallel half-inch free-field microphone connected to the Analyzer,

3. Sound generator with Loudspeaker for generating the constant sound field of 84/94 dB or higher in frequency range of 200 Hz to 20 kHz, minimal distortion (< 0.5 % or better),

4. Data Acquisition system with display comprising of Workstation, At least Dual Channel Analyzer for microphone calibration as per IEC 61094-8, receiving and analysis in 1/1 and 1/3rd octave bands, FFT spectral analysis, the Sampling rate of 65 kS/s or better along with supporting licensed calibration software for sound level meter calibration as per IEC 61672 and Microphone calibration as per IEC 61094-8. The software should be of unlimited lifetime validity loaded with a perpetual license, and backup should be provided for a rebootable system,

5. Full HD Camera for optical positioning and display readout of sound level meters/analyzers/Noise Monitoring devices, along with customization,

6. ½" Prepolarized Free-Field Microphone (20 Hz to 20 kHz) of sensitivity 50 mV/Pa or better, dynamic range of 20 dB to 140 dB, compatible preamplifier with TEDS and accredited calibration certificate, conditioner, and 5½ digit or better precision digital voltmeter/multimeter for monitoring the constant sound field,

7. Accessories: Compatible cables for connecting the system, Measurement sensors for Temperature, Pressure, and Relative Humidity Measurements, MFC Laser Printer, and Printed Operating Manual in English

8. Installation and Training of the system by Principal or Indian representative or Authorized agent/ dealer on-site (CSIR-NPL, Delhi) with minimum of three days of training on a no-cost basis. The data sheet about the Portable chamber's free-field characteristics should be provided.

9. Acceptance Test Procedure (ATP): Vendor should demonstrate the calibration of the sound level meter/analyzer with respect to the above specifications at CSIR-NPL, Delhi at the time of installation/commissioning of the Sound level meter calibration facility. If the CSIR-NPL requests it, the vendor should possess the necessary means and equipment to validate the quoted/delivered specifications.

Therefore, following extension in due date of submission & date of opening of the said tender may be read exactly as follows:

Due date & time of tender submission
For : 06.06.2023 up to 3:00 PM (IST)
Read as: 27.06.2023 up to 3:00 PM (IST)

Date & Time of Tender Opening
For : 07.06.2023 at 3:00 PM (IST)
Read as: 28.06.2023 at 3:00 PM (IST)

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

Sr. Controller of Stores & Purchase