

January 11, 2022

To Whom It May Concern

Tender for “Expressions of interest are invited for providing a solution for noise reduction at the Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science due to roof top installed utility equipment such as blowers, air handling units and chillers.”.

This is an RFQ (Request for Quote) for - **“Expressions of interest are invited for providing a solution for noise reduction at the Centre for Nano Science and Engineering, Indian Institute of Science, the noise being due to utility equipment such as blowers, air handling units and chillers, installed on roof top.”**, as part of a limited tender for the Centre for Nano Science and Engineering (CeNSE.) at Indian Institute of Science (IISc.) Bengaluru. CeNSE is a multidisciplinary research department at IISc that houses a 14,000 sq. ft. cleanroom and characterization facility used by 50 faculty members from various disciplines at IISc. Supporting the central facilities are the MEMS and IC Packaging lab, the Computational Nanoengineering (CoNe) laboratory, Systems Lab, and 14 other functionally distinct laboratories managed by various research groups. In keeping with the Centre’s collaborative and open atmosphere, access to these laboratories can also be provided after appropriate permissions. CeNSE also runs a nationwide program which has allowed 4200 participants from more than 700 universities and institutes all over India to use the facilities at CeNSE. Consequently, any utility/facility at CeNSE receives significant exposure to the scientific community at IISc and beyond.

<http://cense.iisc.ac.in/>

Procedure

1. All documentation in the tender should be in English.
2. Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
3. The quotations should be on FOR-IISc Bangalore basis in INR only.
4. Interested parties must visit the site, measure the current noise levels and then provide a technical and commercial bid in two separate sealed envelopes.
5. The technical bid should contain details of the levels of noise suppression that will be achieved and demonstrated by the vendor after implementation of the solution proposed. In particular, reduction in noise (on the decibel scale) and as a function of distance from the noise source should be clearly specified.
6. Vendor should provide references to similar noise reduction solution implemented by the vendor in other locations.

7. Since this solution will be implemented on an existing civil structure, for the purposes of structural clearance, a structural drawing and details of point and total loads (due to the noise reduction scheme) must be submitted, along with the technical bid, so that CeNSE can obtain engineering clearance from Institutional authorities.
8. The site visit should be scheduled before the **24th of January 2022**, and the bids - technical and commercial - should be received at the Office of the Centre for Nano Science and Engineering on before the **31st of January 2022**.
9. Vendors will be required to submit their technical and commercial bids addressed to The Chairman, Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore - 560012, India, in **two separate sealed envelopes**. Any violation of this will lead to the disqualification of the vendor's proposal.
10. The decision of the Purchase Committee, CeNSE/IISc, will be final.
11. The technical proposal should contain

Annexure 1	Technical specifications
Annexure 2	Bill of material
Annexure 3	Scope of work
Annexure 4	Prospered drawing layout
12. Any additional capabilities or technical details that you would like to bring to the attention of the purchase committee can be listed at the end of the technical table.
13. Vendors are encouraged to highlight the advantages of their solution over comparable ones that they are aware of.
14. Only vendors who are compliant with the technical requirements will be considered for commercial comparison. The bid is awarded to the lowest-cost vendor (referred to as L1) offering the most effective solution.
15. In the commercial bid, please provide the itemized cost of the system and required accessories.
16. As an option, please provide itemized cost for any suggested accessories/add-ons that may enhance the system's usability, capability, accuracy, or reliability. Vendors are encouraged to quote for as many add-ons as their part/material portfolio permits.
17. Please indicate the warranty period offered and what the warranty includes. Warranty for a period of 3 years or more is preferred.
18. For further clarification please contact Mr. N S Maanjunatha, GF-10, Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore 560012, India. (manjunathans@iisc.ac.in)

Thanking you,
 Centre for Nano Science and Engineering,
 Indian Institute of Science, Bangalore 560012, India.