



2nd Dec 2024

To Whom It May Concern

Open Tender for Supply and installation of Filtration systems.

This is an RFQ (Request for Quote) for the Supply and installation of filtration systems as part of an open tender for the Centre for Nano Science and Engineering (CeNSE) at IISc, Bangalore.

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. CeNSE also runs a program called the Indian Nanoelectronics Users Program (INUP) which has allowed 4200 participants from more than 700 universities and institutes all over India to use the facilities at CeNSE. Consequently, any tool in CeNSE receives significant exposure to the scientific community at IISc and beyond. The vendors are requested to factor in the value of this exposure in their quotes. Details of existing facilities and the INUP program can be gleaned from: <http://nnfc.cense.iisc.ac.in/>
<http://www.mncf.cense.iisc.ac.in/>
<https://www.inup.cense.iisc.ac.in/>

Procedure

1. Vendors must submit a technical proposal and a commercial proposal in **two separate sealed envelopes**. Only vendors who meet the technical requirements will be considered for the commercial negotiation. **PLEASE MAKE SURE THE SITE VISIT IS DONE BEFORE SUBMITTING THE BID. ONLY BIDS FROM VENDORS WHO HAVE VISITED THE SITE WILL BE ENTERTAINED.**
2. **The deadline for submission of proposals is the 23rd dec 5:30 pm Indian Standard Time.** Proposals should arrive at the Main office, GF-15, Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore 560012, India, by the above deadline.
3. The decision of the purchase committee will be final.
4. The Bidder should belong to either class 1 or class 2 suppliers distinguished by their "local content" as defined by recent edits to GFR. They should mention clearly which class they belong to in the cover letter and should provide all the required supporting documents.
 - a) Class 1 supplier: Goods and services should have local content equal to or more than 50%.
 - b) Class 2 supplier: Goods and services should have local content equal to or more than 20 % and less than 50%.
5. Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class-1 local suppliers/Class-2 local suppliers by claiming services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.



6. Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
7. The quotations should be on FOR-IISc Bangalore basis in INR only.
8. MSMEs can seek an exemption to some qualification criteria. IISc follows GFR2017 for such details.
9. Bidders offering imported products must submit an authorized letter of OEM with a particular tender name and address.
10. The bidder should have local vendor support for installation.
11. Purchase preference as defined by the recent edits to GFR (within the “margin of purchase preference”) will be given to the Class-1 supplier.
12. The technical proposal should contain a compliance table with 5 columns. The first column must list the technical requirements, in the order that they are given in the technical configuration below. The second column should describe your compliance in a “Yes” or “No” response. If “No” the third column should provide the extent of the deviation (please provide quantitative responses). The fourth column should state the reasons for the deviation, if any. The fourth column should also contain the make and model of the components/parts to be used in the installation.
13. 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.
14. In the commercial bid, please provide the itemized cost of the different subsystems, along with possible breakups.
15. The RFQ must include references to 3 previous installations, preferably in India. Please provide the names and contact addresses of the referees, so that the committee can contact them independently.
16. The offer shall be valid at least 90 Days from the date of opening of the commercial bid.
17. Any questions can be directed to Mr. Gajendra M, Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore 560012, India. (gajendram@iisc.ac.in)

Technical Specification

SL NO	DESCRIPTION	QTY	Current Make
1	Supply Installation & Testing of HEPA (H14) Filters	170	MayAir
	HEPA Filters Should Designed to capture 99.995% of particles as small as 0.3 microns , including dust, pollen, smoke, and other airborne contaminants, Ideal for use in applications requiring high levels of air purity, such as Industrial process and Semiconductor Manufacturing		
	Filter Grade:H13		
	Filter Size:-1170x570x70 mm		
	Filter Material:-Fiber Glass with Thermal Separators		
	Filter Efficient:-99.995%@ 0.3µm		
	Initial Pressure drop:-110Pa@0.45m/s		
	Casing material :- Aluminium		
	Faceguard Material:-Epoxy Powder Coated Steel		
	Gasket:- EPDM		
	Maximum Air Flow:-0.45m/s		
2	Supply Installation & Testing of ULPA (U15) Filters	144	MayAir
	ULPA Filters Should Designed to capture 99.9995% of particles as small as 0.12 microns , including dust, pollen, smoke, and other airborne contaminants, Ideal for use in applications requiring high levels of air purity, such as Industrial process and Semiconductor Manufacturing		
	Filter Grade:-U15		
	Filter Size:-1170x570x70 mm		
	Filter Material:-Fiber Glass with Thermal Separators		
	Filter Efficient:-99.9995%@0.12µm		
	Initial Resistance Of the Filter:-120Pa@0.45m/s		
	Casing material :- Aluminium		
	Faceguard Material:-Epoxy Powder Coated Steel		
	Gasket:- EPDM		
	Maximum Air Flow:-0.45m/s		



Annexure:1

Details of the Bidder

The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

Details of the Bidder

Sl. No	Items	Details
1.	Name of the Bidder	
2.	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)	
3.	Registration No/ Trade License, (attach attested copy)	
4.	Registered Office Address	
5.	Address for communication	
6.	Contact person- Name and Designation	
7.	Telephone No	
8.	Email ID	
9.	Website	
10.	PAN No. (attach copy)	
11.	GST No. (attach copy)	

Signature of the Bidder

Name
Designation, Seal

Date:



Annexure-2:

Declaration regarding experience:

To,
Shankar Kumar Selvaraja,
Ph.D.Associate Professor
Centre for Nano Science and Engineering Indian
Institute of Science, Bangalore, India 560012.
E-mail:
shankarks@iisc.ac.in

Ref: Tender No:
XXXXXXXXX Dated: XXXXX

Supply and installation of Filtration systems at Centre for Nano science and Engineering
Department, IISc Bangalore.

Sir,

I've carefully gone through the Terms & Conditions contained in the above
referred tender. I hereby declare that my company / firm has years of
experience in Supply and installation of Filtration systems

Signature of the Bidder

Name
Designation, Seal

Date:



Annexure-3:

Declaration regarding trackrecord

To,
Shankar Kumar
Selvaraja, Ph.D.
Associate Professor
Centre for Nano Science and Engineering Indian
Institute of Science, Bangalore, India 560012.
E-mail: shankarks@iisc.ac.in

Ref: Tender No:
XXXXXXX

Dated: XXXXX

Supply and installation of Filtration systems at Centre for Nano Science and Engineering
Department, IISc Bangalore.

Sir,
I've carefully gone through the Terms & Conditions contained in the above referred tender. I
hereby declare that my company/ firm is not currently debarred / blacklisted by any
Government / Semi Government organizations / institutions in India or abroad. I further
certify that I'm competent officer in my company / firm to make this declaration.

Or

I declare the following

Sl.No	Country in which the company is Debarred /blacklisted / case is Pending	Blacklisted / debarred by Government / Semi Government/Organizations /Institutions	Reason	Since when and for how long

Signature of the Bidder

Name
Designation, Seal
CENTRE FOR NANO SCIENCE AND ENGINEERING
Indian Institute of Science, Bengaluru 560 012, India
T +91 80 2293 3276, 2293 3291
F +91 80 2360 4656
www.cense.iisc.ac.in

Date:



Annexure – 4:

Declaration for acceptance of terms and conditions

To,
Shankar Kumar Selvaraja,
Ph.D.Associate Professor
Centre for Nano Science and Engineering Indian
Institute of Science, Bangalore, India 560012.
E-mail: shankarks@iisc.ac.in

Ref: Tender No:
XXXXXX Dated: XXXX

Supply and installation of Filtration systems at Centre for Nano Science and
Engineering Department Engineering Department, IISc Bangalore.

Sir,
I've carefully gone through the Terms & Conditions as mentioned in the above referred
tender document. I declare that all the provisions of this tender document are acceptable to
my company. I further certify that I'm an authorized signatory of my company and am,
therefore, competent to make this declaration.

Yours faithfully,

(Signature of the
Bidder)

Name
Designation, Seal

Date:



Annexure – 5:

Details of items quoted:

- a. Company Name
- b. Product Name
- c. Part / Catalogue number
- d. Product description / main features
- e. Detailed technical specifications
- f. Remarks

Instructions to bidders:

1. Bidder should provide technical specifications of the quoted product/s in detail.
2. Bidder should attach product brochures along with technical bid.
3. Bidders should clearly indicate compliance or non-compliance of the technical specifications provided in the tender document.

Shankar Kumar Selvaraja
Associate Professor

T +91 80 22933342
E shankarks@iisc.ac.in
<http://www.cense.iisc.ac.in/shankar-kum>



CENTRE FOR NANO SCIENCE AND ENGINEERING
Indian Institute of Science, Bengaluru 560 012, India
T +91 80 2293 3276, 2293 3291
F +91 80 2360 4656
www.cense.iisc.ac.in