Shankar Kumar Selvaraja
Associate Professor

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24th September 2024

To Whom It May Concern

Global Tender for Supply and installation of Midas® GAS DETECTOR Cartridges.

This is an RFQ (Request for Quote) for the Supply and installation of Midas Gas detector cartridges 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 SUBITTING THE BID. ONLYBIDS FROMVENDORS WHO HAVE VISITED THESITE WILLBE ENTERTAINED.**
2. **The deadline for submission of proposals is the 15th October 2024, 5:30pm 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 wills be final.
4. The technical bid and price bid should each be placed in separate sealed covers, superscripting on both the envelopes the tender no. and the due date. Both these sealedcovers are to be placed in a bigger cover which should also be sealed and duly superscripted with the Tender No, Tender Description & Due Date.
5. The SEALED COVER superscripting tender number / due date & should reach Chairperson Office, Centre for Nanoscience and Engineering, Indian Institute of Science,Bangalore – 560012, India on or before due date mentioned in the tender notice. In casedue date happens to be holiday the tender will be accepted and opened on the next working day. If the quotation cover is not sealed, it will be rejected.
6. Cancelation of the tender: Notwithstanding anything specified in this tender document, the purchase committee, IIScBangalore, in its sole discretion, unconditionally and without having to assign any reason,reserves the rights:
    a. To accept OR reject lowest tender or any other tender or all the tenders.
    b. To accept any tender in full or in part.
    c. To reject the tender, offer not confirming to the tender terms.

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7. The offer shall be valid 90 Days from the date of opening of the commercial bid.
8. Only the Original Equipment Manufacturer or their authorized representatives shall participate in the bid.
9. The order will be placed only on the bidder who participated in the bid.
10. The bidder should have local vendor support for installation.
11. . The bidder shall provide the lead time to delivery at IISc, Bangalore from the date of receipt of purchase order. The system should be delivered within 90 days from the date of receipt of purchase order. No partial shipment is allowed.
12. The payments to non-domestic vendors will be through a Letter of Credit and milestone of the payment will be determined after the mutual discussions with the successful bidder. As per GFR no advance payment can be made to domestic vendors, unless an equal amount of bank guarantee is provided.
13. Statutory Variation: Any statutory increase in the taxes and duties subsequent to bidder's offer, if it takes placewithin the original contractual delivery date, will be borne by IISc, Bangalore subject to the claim being supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed on to IISc, Bangalore.
14. Disputes and Jurisdiction: Any legal disputes arising out of any breach of contract pertaining to this tender shall besettled in the court of competent jurisdiction located within the city of Bangalore, India.

15. 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.
16. 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.
17. In the commercial bid, please provide the itemized cost of the different subsystems, along with possible breakups.
18. Provide itemized cost for required spares for 2years of operation. Please note, the cleanroom is expected to be operational 24x7 and breakdowns should be minimal or nil.
19. As an additional option, provide the cost of an annual maintenance contract (AMC) for 1-year, post-warranty. The AMC must cover 1 scheduledand1 emergency visit per year. The AMC cost must also include an itemized list of spares that are essential for the scheduled visits.
20. 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.
21. The offer shall be valid at least 90 Days from the date of opening of the commercial bid.
22. 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)

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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:

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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:
XXXXXXXXXDated: XXXXX

Supply and installation of Midas Gas detector cartridges at Centre for Nano science and Engineering Department, IISc Bangalore.

Sir,

I've carefully gone through the Terms & Conditions contained in the above referredtender. I hereby declare that my company / firm has years of experience in the Supply and installation of Midas Gas detector cartridges.

Signature of the Bidder

Name
Designation, Seal Date:

Shankar Kumar Selvaraja
Associate Professor
T +91 80 22933342
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http://www.http://www.cense.iisc.ac.in/shankar-kum

Annexure-3:

Declaration regarding track record

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

Ref: Tender No:
XXXXXXX

Dated: XXXXX

Supply and installation of Midas Gas detector cartridges 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 herebydeclare 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 Date:

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Annexure – 4:

Declaration for acceptance of terms and conditions

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

Ref: Tender No:
XXXXXXDated: XXXX

Supply and installation of Midas Gas detector cartridges 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:

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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.

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Technical Specification

Sl No.	Description	Specification
1	Sensor cartridges make	Honeywell
2	Sensor cartridge model	Midas® GAS DETECTOR
3	Number of Sensor cartridges	45
4	List and Type of Sensor	Annexure 1
5	Sensor cartridge lifetime	2 years from installation
6	Operating temperature	Unit with Sensor 32° to 104°F (0° to 40°C)
		Unit with Sensor and Pyrolyzer 32° to 86°F (0° to 30°C)
7	Expected Pyrolyzer Life	MIDAS-T-00P: 1 year MIDAS-T-NP1: 2 years
8	Certification	CE marked Meets EN 50270:2006 (Type2) and
		EN 61000-6-4:2007 ETL approved UL 61010-1 Ed:3 IEEE 802.3af-2003
9	Engineering support	Local vendor support is required for installation and maintenance. Preferably vendor based out of Bengaluru.
10	Emergency response	The vendor should attend to the site within 24 hours for any emergency. Preferably vendor based out of Bengaluru.
11	Warranty	2-year warranty for all items supplied, with complete replacement, if they fail to perform.
12	Vendor type	Bidders offering imported products must submit an authorized letter of OEM with a particular tender name and address.

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Quantity list.

CARTRIDGE NAME	GLD TYPE	Count of CARTRIDGE
H2	MIDAS-E-LEL	12
HCL	MIDAS-E-HCL	7
PH3	MIDAS-E-PH3	7
CL2	MIDAS-E-HAL	6
B2H6	MIDAS-E-B2H	4
NH3	MIDAS-E-NH3	3
SIH4	MIDAS-E-SHX	3
CO	MIDAS-E-COX	1
ASH3	MIDAS-E-ASH	1
H2S	MIDAS -E-H2S	1
Grand Total		**45**

Thanking you,

Shankar Kumar Selvaraja, Ph.D.
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Centre for Nano Science and Engineering Indian Institute
of Science, Bangalore, India 560012.
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