

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN INSTITUTE OF REMOTE SENSING
IIRS
DEHRADUN
PURCHASE & STORES
INVITATION TO TENDER

Ph No: 0135 - 2524317, 4318
Fax 0135 - 2748041
Email: pns@iirs.gov.in

Date : 31/07/2014

M/s

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Our Ref No : GIER 2014-000187-01

Tender Due: 15:00 Hrs IST on ~~28/08/2014~~

9/9/2014

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets / literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No:)

S.No.	Description of Items with Specifications	Unit	Quantity
1	Microwave Digestion System, Specifications: Refer attached sheet	NO.	1

DELIVERY AT: IIRS

MODE OF DESPATCH DOOR DLVRY

DUTY EXEMPTIONS

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS

V.V. NARAYANAN KUTTY
PURS. & STORES OFFICER
For and on behalf of the President of India
The Purchaser

o/c



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Specification for Microwave Digestion System :

1) Specifications of Microwave Oven:

- a) The system delivers pulsed/un-pulsed Microwave energy output.
- b) System must have Cavity and with a volume of 60 lit or more to accommodate various accessories.
- c) Removal of hot, pressurized vessels and the use of external cooling devices like water baths is not acceptable.
- d) To ensure user safety during handling, vessels must be cooled inside the oven.
- e) System should have display for all routine operations or have connection with an external PC to view the process.
- f) Drying of sample in Microwave Oven should be possible.

2) Rotors:

- a) All rotor system must be capable of processing 10 or more reaction vessels simultaneously.
- b) Should offer an optional Dry rotor with a capacity of at least 4 liters for drying the samples within the Microwave Oven.

3) Sensor System:

- a) Should have IR temperature sensor for remote/non-invasive measurement of temperature at all the vessel positions.

4) Vessel Specifications

- a) Sample Capacity : Sample amounts 2 g or more per vessel must be possible
- b) Volume : 50 ml or more

R. N. G. M.

c)Max controlled operation Temperature: 250 deg C or more

d)The vessel should be able to Handel controlled pressure of 35 bar

or more.

e)Must have vent vessels system.

f)Max. Temperature and pressure specifications must be available at the same time.

g)All vessels should have easy hand tightening closure.

h)System should have controlled release of overpressure at all-time stable for full temp. range

i)Reaction vessel must be vent able prior to removal and opening of the rotor to prevent chemical and pressure hazards.

j)Each pressure vessels must be individually tested with pressure test.

5) Cooling System:

a)Must have a high-performance air cooling system

b)Guided airflow along the vessels


c)Continuous low-intensity cooling during the digestion process

d)Removal of Hot vessels is not acceptable

e)Cooling time should be less than 10 min.

6) Should have a built in method library or New Method preparation should be possible.

7) There should be minimum wire connection, electronic plugs/sockets inside the oven cavity to prevent corrosion.



GOVERNMENT OF INDIA
DEPT. OF SPACE, GOVT. OF INDIA
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING
No.4, KAIDAS ROAD, P.B.NO.135, DEHRADUN-248001

PURCHASE DEPARTMENT

NO.IIRS/P&S/GIER-2014-000187-01/14-15

Date : 31.07.2014

SPECIAL TERMS AND CONDITIONS FOR SUBMITTING TWO PART BID

1. This is a two part tender viz., Techno-Commercial Bid (consisting of Technical Specifications, Commercial terms & condition etc.) and Price Bid. Hence, quotation should be submitted in separate sealed covers super-scribing "Tender No. **GIER-2014-000187-01/14-15, Due on 28.08.2014 at 1500 hrs** (Techno-Commercial Bid) and Tender No. **GIER-2014-000187-01/14-15, Due on 28.08.2014 at 1500 hrs** (Price Bid).
2. Both the sealed tenders (Techno commercial & Price bid) should be kept in one big cover super scribing TENDER for Microwave Digestion System etc against Enquiry No. **GIER-2014-000187-01/14-15, Due on 28.08.2014 at 1500 hrs.** and put in the Tender Box available in Purchase Division, IIRS or send by post or Courier within the due date and time prescribed.
3. Only Techno-Commercial bid will be opened on the date of tender opening. The price Bids of those tenderers whose Techno-Commercial Bids are found to be meeting our specifications / requirements will be opened.
4. The Techno-Commercial Bid should have technical & commercial details only. No price should be quoted in the Techno-Commercial Bid.
5. EMD of Rs. 20,000/- to be submitted along with the quotation in the form of Crossed Demand Draft drawn on any Nationalized / scheduled bank in favour of Pay & Accounts Officer, IIRS, payable at Dehradun Quotation received without EMD will not be considered. The EMD of unsuccessful bidder will be returned after finalization of order.
6. **PART I- TECHNO-COMMERCIAL BID – In one cover**
Techno-commercial part should clearly indicate the technical details, scope of supply, payment terms, delivery terms (FOR/EX-Work/) delivery period, taxes and duties. Warranty, Guarantee, Security Deposit, Performance Bank Guarantee, etc. under separate head. Please note that the price should not be indicated in the Techno-commercial Offer.

Complete literature/leaflets/catalogues or brochures relevant to the offered models are to be enclosed with the Techno-commercial Part of the Tender.
7. **PART-II- PRICE BID – In one Cover**

The price alone should be indicated. Wherever installation/Commissioning is involved such charges may be indicated separately in the Price Bid.

8. a) In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid, but both can not bid simultaneously for the same item/product in the same tender.

b) If an agent submits bid on behalf of the Principal/OEM , the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
9. The offer should be valid for a minimum period of 120 days from the due date.
10. **TENDER OPENING:** The Techno-commercial Bid will be opened on the specified date and time. In case any further clarifications/discussion are required, such clarification/discussions shall be called for before opening of Price Bid.
11. Late and Delayed Tenders will not be considered. Therefore, please ensure that your tender is posted well in time to reach us before the due date and time.
12. Technical compliance statement should be enclosed with your quotation.
13. Fax/Email offers shall not be considered for TWO PART BID
14. All the pages of your offer should be signed/initialed by competent authority and affixed with your company's Seal
15. Tenders which are not prepared in terms of these instructions are liable to be rejected.

GENERAL TERMS & CONDITIONS

1. **Delivery:** Clearly mention the exact delivery period in your quotation.
2. **Sales Tax:** : We can not furnish Form C/D. Please indicate the applicable percentage of trade tax/vat in your quotation, if applicable.
3. **Specification:** Material should be offered strictly conforming to our specification, if any changes, should be clearly indicated by the supplier in the quotation. The supplier should also indicate make/type No. of the materials offered. Vague terms such as best India, Best Indigenous, Imported Make should not be used.
4. **Installation** : Installation should be done free of cost at IIRS, Dehradun
5. **Payment** : 90% Will be made within 30 days from date of supply, receipt, inspection & installation of the item by the indenting officer against pre-receipted bills in triplicate and balance 10% on production of Performance Bank Guarantee established through a nationalized bank valid for a period of 13 months from date of installation.
6. **CST** - With effect from 01.04.2007, Form-D has been withdrawn for Inter-State purchases by Government Departments. Now the percentage of CST on the Inter-State sales to Government Departments shall be the percentage of VAT/State Sales Tax as applicable in the State of the Seller/Dealer. Accordingly, the suppliers have to indicate clearly the % of CST applicable against each case in their offers.
7. **Customs Duty** - IIRS is eligible for **Customs Duty exemption** as per Notification No. 51/96 dated 23/6/1996 as amended by Notification No. 24/2007 dated 01.03.2007 . This may be taken into account while quoting for import items, if any.
8. In case tenderers offering items considering customs duty exemption, they should also indicate the price, separately, with Customs Duty component and terms and conditions thereto
9. **Force Majeure:** In case of strike, accident or any other unforeseen contingencies causing stoppage of work, we reserve the right to cancel and to modify the Order without liability for any compensation and/or claim of any description.
10. **Liquidated Damages** : If the items are not supplied and installed on or before the due date mentioned in the purchase order , Liquidated Damages are generally charged @ 0.5% of the value per week or part of a week subject to a max. of 10% of the total value of goods or 10% value of goods that could not be put to use due to late supply whichever is lower.
11. **Warranty:** Should be minimum One year from date of supply, installation and acceptance against any manufacturing defects.
12. Tenderers are required to quote Basic Price, Installation charges and statutory levies separately.
13. In case of any dispute(s) the decision of Director, IIRS will be final.
14. Director, IIRS reserve the right to accept or reject any quotation in full or part thereof without assigning any reason.


Purchase & Stores officer

