

**Department of Chemistry
Pondicherry University**

Sealed tenders are invited for the **Commissioning and Installation of Nitrogen Gas pipeline**. The quotations, duly signed and sealed, should be submitted to **Dr. N. Dastagiri Reddy, Assistant Professor, Department of Chemistry, Pondicherry University, Puducherry-605 014**.

The quotation should be sent by post (normal/speed/Registered/courier) only. The price quoted should include all the costs such as delivery, installation, testing etc. Taxes should be mentioned separately. Warranty terms should be explicitly specified in your quotation. The technical specifications are given in a separate sheet. Last date for receiving quotations is **15.07.2013**.

TERMS AND CONDITIONS

I. General Information:

a) **Last date and time of receipt of the Tender: July 15, 2013 at 5.00 PM**

b) EMD rates: 2.5% of the quoted price

c) Quoting merely the lowest price does not confer any right to any bidder for award of supply order. The Purchase Committee, reserves the right to select any bid under the grounds of specification compliance, better quality, customers feedback on suppliers' service backup & support, brand reputation, offer of additional / special features, etc.

d) Tenders will not be accepted through fax / e-mail.

II. Common Conditions (Import or Indigenous)

1. Price Schedule

The rates should be quoted for a single unit. The price should include delivery, installation, training charges, etc. at the respective Department, Pondicherry University. The prices quoted shall remain firm until the Equipment is supplied to the respective Department, Pondicherry University.

2. Quoting the Core price & Tax, Duties, Discount etc.

The taxes / duties / discounts, if applicable, are to be explicitly and separately shown in the bid.

3. Eligibility:

The firm must have the requisite domain expertise with regard to supply, installation and post-sale service of the items they are quoting. The firm should have been in existence for at least six years as on the date of this tender and must have executed at least three orders of this kind during the last three years.

4. Duty Exemption

The University has been granted the benefit of exemption from the payment of the Central Excise Duty and Customs Duty by the Department of Scientific and Industrial Research (DSIR), India, vide their Notification No.10/97, dated 01-03-1997 and No.51/96 dated 23.07.96 respectively, in respect of

- a) Scientific and technical instruments, apparatus, equipment, Software including computers.
- b) Accessories and spare parts of goods specified in (a) above and consumables.
- c) Computer software, compact disks, CD ROM, Recording magnetic tapes, microfilms, micro-chips etc.
- d) Prototypes.

5. Technical Terms & Conditions

- i. **WARRANTY:** The Equipment covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period of at least 36 months (**preferably 3 years**) from the date of putting the system into operation at the Department of Chemistry, Pondicherry University.
- ii. If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways.
- iii. Complete technical specifications of the Equipment including the Operating system to be included in the bid.
- iv. The necessary service support should be provided by Bidder during the agreement period.
- v. The training should be provided by the supplying companies.
- vi. Operating Manual should be provided in English.
- vii. A recent customer list (within last five years) with contact details including email address is to be submitted with technical bids / bids as the case may be.
- x. **The validity of the each quotation should be at least for THREE MONTHS from closing date.**
- xi. The offers will not be considered if received after the bid closing date and time.
- xii. The offers received through telex / telefax / e-mail will not be accepted by the University under any circumstances.
- xiii. The University shall not be responsible for any delay / loss or non-receipt of the tender by post / courier service.
- xiv. No unsolicited correspondence shall be entertained after the submission of the offer.
- xv. If an order is placed with the firm, the purchase shall be governed by an agreement as per the University rules in force at the time.
- xvi. Additional terms and conditions will be incorporated in the purchase order, if needed, to safeguard the interests of the University.
- xvii. Tender is not transferable.

6. Power to reject the offer:

- i. Pondicherry University reserves the right to accept / reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.
- ii. No Agency commission will be paid to any authorized agent in India.
- iii. Liquidated damages: Timely supply of the ordered items, installation, commissioning (wherever is applicable) and training etc. is the essence of the contract. In case of failure to supply within the time specified in the Purchase order, a penalty / LD of 0.5% of the total value per week or a part thereof shall be levied subject to a maximum of 7.5% in respect of items which are not supplied. The decision of Pondicherry University shall be final in this regard.
- iv. Bidder(s) must be authorized business partners of Global / National service providers of the respective Equipment.
- v. The Bidders must enclose authorization letter from the respective global / national service providers of the above said Equipment particularly mentioning an undertaking that in case of default by the Bidder, they (Global Service Provider) shall take over all their responsibilities of the Bidder.
- vi. The Bidder should not be involved in any Bankruptcy filing for protection from it.

Specifications and Important notes to suppliers:

- N₂ pipeline is meant for the supply of N₂ gas from liquid nitrogen tank to chemistry laboratories. The nitrogen gas will be at room temperature or slightly below room temperature.
- Installation must be carried out with minimum bents so that pressure loss will be less.
- Since Pondicherry University is located in coastal area and also a part of the pipeline goes in chemistry laboratories the pipe must be made of 'corrosion free' high quality steel, which lasts longer.
- All the joints, connectors, regulators, valves etc. must be "**absolutely air tight and leak proof**". They must withstand pressure up to 20 bar or higher.
- It is strongly advisable to visit the installation site (Dept. of Chemistry) and meet Dr. N. Dastagiri Reddy (call 9943255774 for appointment) before sending their quotations. He will not be available after 10/07/2013.

The following is just the estimate of the material for commissioning the N₂ gas (not liquid) pipeline. The actual requirement may vary. Suppliers are encouraged to survey the site and quote for their own gear **without compromising the quality and purpose**. Supply of cheap quality regulators, valves etc. is strongly discouraged and will be rejected at any stage.

Estimated material:

Sl. No.	Description	Qty
1.	Gas Control Box with Regulator (two stage) & Needle Valve for Nitrogen Gas with ¼" inlet, 8mm P.U. outlet. Regulator must be capable of controlling the gas flow bubble by bubble. Please mention the make and model. (Cheap quality regulators will be rejected).	8
2.	¼" SS Tubing with color (black) coated sleeves - estimated (At actuals).	50 m
3.	½" SS Tubing estimated (Striate wall with thickness 1.2 mm) (At actuals).	100 m
4.	½ X ¼ X ½" Tee - estimated	2
5.	1" To ½" Reducing flange Connector or similar	1
6.	½" Length clamp - estimated (At actuals)	5
7.	½" and ¼" Fitting	1 pack
8.	M.S. Powder Coated Casing - estimated (At actuals)	50
9.	¼" Tee Nut & Ferrules - estimated (At actuals)	10
10.	½" Online pressure gauge with ½" Tee (0 to 30 kg)	1
11.	½" Ball valve	1