

**PONDICHERRY UNIVERSITY**  
**SCHOOL OF PHYSICAL CHEMICAL APPLIED SCIENCES**  
**DEPARTMENT OF CHEMISTRY**  
**TENDER NOTICE**

Feb. 13, 2013

PU/DC/HSP/OSDD-PROJECT/MINOR EQUI.ADVT/2012-2013

Sealed quotations are invited for the purchase of the two laboratory Equipments by the principal investigator, OSDD project, Department of Chemistry, Pondicherry University. The quotations submitted separately for (1) complying technical specifications and (2) financial bids should be duly signed and sealed. The bids should be submitted to **Dr. H. Surya Prakash Rao, Professor, Principal Investigator, OSDD Project, Department of Chemistry, Puducherry-605014 on or before February 28<sup>th</sup>, 2013 3:00 PM**. The quotations should be sent by post (normal/speed / registered /courier) only. The price quoted should include all costs such as delivery, installation, testing etc and also inclusive of all the taxes. Warranty terms should be explicitly specified in your quotation. Quotations received at our end after due date and time will be rejected.

The technical specification is given below.

**Names of the required laboratory equipments are given below:**

S No	Name of the equipment	Qty
1	Water Jet Vacuum pump	2
2	Argon cylinder with two stage regulator and gas	1

**Detailed specifications of the individual equipment are given below:**

**1. Water Jet Vacuum Pump**

The Water Jet Vacuum pump should be complete unit with following parts:

1. Suitable water circulating pump 0.5 HP
2. Stainless steel water tank
3. Stainless steel cabinet
4. Stainless Steel jets (two, one for in and other for out) with two SS non-return valves
5. Two vacuum gauges
6. Vacuum up to minimum of 650 mm Hg

**2. Specifications: Argon Cylinder with regulator**

1. Cylinder type: 47 Ltr
2. Argon gas grade should be at least 5.5; Purity: 99.99%

## **Regulator should be of following futures**

1. Double stage diffusion resistant regulator
2. Inlet pressure gauge: 280 kg/cm<sup>2</sup>
3. Outlet pressure gauge: 0-7 kg/cm<sup>2</sup>
4. Outlet operating pressure: 6 kg/cm<sup>2</sup> (Max)
5. Flow: 300 LPH (Max)
6. Inlet connection: Standard suitable for respective gas service as per **IS: 3224**
7. The cylinder should carry certificate from Government of India for explosion proof.

## **Terms and conditions**

### **I. General conditions:**

- a. Last date and time of receipt of tenders: **February 28, 2013, 3:00 PM.**
- b. Quoting merely the lowest price does not confer any right to any bidder for the award of the supply order. The university's purchase committee, reserves the right to select the equipment.
- c. The tender should be addressed and posted to the following address by speed post, registered post or by courier. **Dr. H. Surya Prakash Rao, Principal Investigator, OSDD project, Department of Chemistry, Pondicherry University, Puducherry-605014.**
- d. Tender would not be accepted through fax/email.

### **II Common conditions**

#### **1. Price schedule**

The rate should be quoted for a single unit and also for the total quantity required by the university. The price should include the delivery, installations, at respective Department in the university. The price quoted shall remain firm till the equipment is supplied to respective Department, Pondicherry University.

#### **2. Other specifications**

- i) Warranty: The equipment covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operations and performance for period of 3 years from the date of putting the system into operation at the Department of Chemistry, Pondicherry University.
- ii) Validity of each quotation should be at least for three months from the closing date.