

**ENVIRONMENT PROTECTION TRAINING AND RESEARCH INSTITUTE
(An Autonomous Society under Government of Telangana)**

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**Tender for Refilling of Ultrapure Gases for EPTRI Laboratory on Annual Rate
Contract basis**

Date: 13-03-2019

Environment Protection training and Research Institute (EPTRI), Gachibowli, Hyderabad requires for its Laboratory Refilling of Ultrapure Gases on annual rate contract basis. The following are the specifications. The authorized suppliers are requested to send their quotations as early as possible. The last date for the supply of the above requirement is 23-03-2019.

The following is our requirement.

Refilling of the pure gases in EPTRI cylinders:

S.No	Type of gas	Tentative cylinders available EPTRI own /	Requirement per annum (tentatively)
1	Dissolved acetylene (99.995%) for AAS	---	2
2	Argon (99.999%) for GCMS and ICP OES	2	10
3	Nitrous oxide (99.99%) for AAS	---	2
4	Nitrogen (GC grade) for GC MS/ICPOES	2	10
5	Hydrogen (GC grade) for GC MS	1	5
6	Zero air (99.999%) for CHNS& GCMS,TOC	----	5
7	Methane (GC grade) for GCMS	1	2
8	Liquid nitrogen for XRF		20
9	Helium (99.9999%) for GCMS&CHNS	1	3
10	Oxygen [99.999 (Nitrogen free)] for Bomb calorimeter and GCMS	1	2

Suppliers are requested to send their quotations in following format for Procurement of Additional New cylinders with valid certificate.

1. Quotation for supply of new cylinders

S.No	Type of gas	Rates quoted for each cylinder with certification	Capacity of cylinder 7 M3
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1	Dissolved acetylene (99.995%) for AAS		
2	Argon (99.999%) for GCMS and ICP OES		
3	Nitrous oxide (99.99%) for AAS		
4	Nitrogen (GC grade) for GC MS/ICPOES		
5	Hydrogen (GC grade) for GC MS		
6	Zero air (99.999%) for CHNS& GCMS,TOC		
7	Methane (GC grade) for GCMS		
8	Liquid nitrogen for XRF		
9	Helium (99.9999%) for GCMS&CHNS		
10	Oxygen [99.999 (Nitrogen free)] for Bomb calorimeter and GCMS		

2. Quotation format for quoting the gas refilling rates

S.No	Type of gas	Rates quoted for 1m3 of gas for given purity	Transportation charges
1	Dissolved acetylene (99.995%) for AAS		
2	Argon (99.999%) for GCMS and ICP OES		
3	Nitrous oxide (99.99%) for AAS		
4	Nitrogen (GC grade) for GC MS/ICPOES		
5	Hydrogen (GC grade) for GC MS		
6	Zero air (99.999%) for CHNS& GCMS,TOC		
7	Methane (GC grade) for GCMS		
8	Liquid nitrogen for XRF		
9	Helium (99.9999%) for GCMS&CHNS		
10	Oxygen [99.999 (Nitrogen free)] for Bomb calorimeter and GCMS		

3. Rental charges for refilling of gases in your own cylinders and supply immediately

S.No	Type of gas	Rates quoted for renting of cylinder with refilled gas in your own cylinder	Deposit charges if any
1	Dissolved acetylene (99.995%) for AAS		
2	Argon (99.999%) for GCMS and ICP OES		
3	Nitrous oxide (99.99%) for AAS		

4	Nitrogen (GC grade) for GC MS/ICPOES		
5	Hydrogen (GC grade) for GC MS		
6	Zero air (99.999%) for CHNS& GCMS,TOC		
7	Methane (GC grade) for GCMS		
8	Liquid nitrogen for XRF		
9	Helium (99.9999%) for GCMS&CHNS		
10	Oxygen [99.999 (Nitrogen free)] for Bomb calorimeter and GCMS		

The following are the terms and conditions

Terms and conditions:

1. Certificate of gas purity must be provided for each cylinder.
2. Transportation and handling charges for cylinders from EPTRI Gachibowli to site and back also may be quoted separately and shall include regular pick-up of our cylinders from EPTRI Lab and delivery at our laboratory by the supplier as and when required and transport charges will be paid
3. Rate contract will be terminated, if a services rendered by the supplier is not satisfactory.
4. Payment will be made after supply of gas in 7 days

Suppliers are requested to send their quotations with a sealed cover mentioning the subject on the top of the cover to reach EPTRI, Gachibowli, Hyderabad by 23-03-2019

Director General