Request for Proposal

Bulk, Cylinder and Specialty Gases

August 23, 2007

Issued by
Procurement Services
Charlottesville, Virginia
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This Request for Proposal (RFP) has been posted on Procurement Services web site for your convenience. Addenda and attachments are posted if issued. It is the firm’s responsibility to ensure that the entire RFP and related links, in its latest version, is reviewed prior to submittal of a proposal. We encourage you to check the web site frequently for any changes prior to the due date. To receive a hard copy of the RFP or addenda, please contact Becky Sims, Contracts Administrator, at (434) 924.1346 or email pur-rfp@virginia.edu. For questions about the content of the RFP, contact the buyer listed in Section VI, Information about this RFP. Additional information can be found on Procurement Services web site: http://www.procurement.virginia.edu/main/

I. Overview of the RFP Process

The Rector and Visitors of the University of Virginia (University), a Virginia public corporation, seeks an experienced firm to provide bulk, cylinder, specialty gases and related accessories. This RFP is part of a competitive procurement process, which helps to serve the University's best interests. It also provides firms with a fair opportunity for their services to be considered. The process of competitive negotiation being used in this case should not be confused with the different process of competitive sealed bidding. The latter process is usually used where the goods or services being procured can be described precisely and price is generally the determinative factor. With competitive negotiation, however, price is not required to be the determinative factor, although it may be, and the University has the flexibility it needs to negotiate with firms to arrive at a mutually agreeable relationship.

For ease of reference, each firm receiving this RFP is referred to as a "firm" and the firm selected to provide services for the University is referred to as the "Selected Firm". This RFP states the instructions for submitting proposals, the procedure and criteria by which a firm may be selected, and the contractual terms by which the University proposes to govern the relationship between it and the Selected Firm.

It is the policy of the Commonwealth of Virginia and the University to contribute to the establishment, preservation, and strengthening of small businesses and businesses owned by women and minorities, and to encourage their participation in State procurement
activities. The Commonwealth and the University encourage firms to provide for the participation of small businesses and businesses owned by women and minorities through partnerships, joint ventures, subcontracts or other contractual opportunities.

II. Background Discussion and Goals of the University
When Thomas Jefferson founded the University in 1819, he intended it to be nothing less than a world-class institution of higher learning. Jefferson’s spirit lives on – not only in the Rotunda and Academical Village he designed, and which remain treasures of American architecture, but in the University’s standing as a leader in education, research, and community service.

The over 19,850 students attending the University work within a true meritocracy and live by an Honor Code unique among American universities. Each student is exposed to the widest spectrum of disciplines – from arts and athletics to humanities and technology. Our students also enjoy a unique connection to the world beyond college through the University’s outstanding professional training, exemplified by its nationally ranked schools of Law, Business, and Medicine. The University as a whole has had a consistently high ranking not only among public schools, where it often heads the list, but among all American universities, public and private.

Over 11,600 permanent University faculty and staff are committed to serving both the local and national community. The University makes a real difference in the world, through its invaluable research, a Medical Center ranked among the nation’s finest, and graduates who have consistently been among the forefront of our nation’s shapers. At the University, our bright future is the direct result of our great history.

In support of its mission and in an effort to maintain the highest quality services for its customers, the University seeks an experienced firm (or firms) to deliver bulk, cylinder, specialty gases and associated accessories to various departments within the University.
In 2006, more than 60 organizations within the University purchased over $440,000 in bulk, cylinder and specialty gases.

III. Scope of Goods and Services

It is the University's intent to enter into an Agreement with the Selected Firm to deliver bulk, cylinder, specialty gases and related accessories to include those goods and services necessary to help the University achieve its goals as outlined in this RFP. In order to achieve this goal the Selected Firm may be requested to provide those goods and services outlined in this section.

A. Products

1. Provide a wide spectrum of gases for use in University research, Medical Center and maintenance activities, delivered in sizes ranging small cylinder to large deliveries transferred to bulk storage. See Attachment 5, Bulk Gases, Attachments 6, Sampling of Cylinder Gases for Comparison Purposes, and Attachment 7, Sampling of Specialty Gases for Comparison Purposes.

2. Provide related accessories such as but not limited to regulators, flow meters, welding implements, fittings and cylinder carts.

B. Ordering

1. Accept standing orders for repetitive, scheduled deliveries and individual requests through the University’s automated Marketplace ordering system for academic purchases.

2. Medical Center ordering for repetitive, scheduled deliveries and individual requests may be done either through electronic means, when available, or via fax.

C. Bulk/Cylinder Ordering and Delivery:

1. Provide regular deliveries of standard gases within 24 hours upon receipt of a University purchase order delivered by the UVa marketplace. Deliveries to the University’s academic departments will be made during the hours of 8:00 a.m. to 4:00 p.m., Monday through Friday.
2. Provide cylinder deliveries to the Medical Center any time through the main loading dock. Deliveries of cylinders to other facilities within the Medical Center complex have the same hours as stipulated for the University. On rare occasions or during emergency/disaster situations, the Selected Firm may be called on to deliver more expeditiously.

3. Provide all bulk deliveries to the Medical Center’s Lane Road site outside of peak delivery hours for the Medical Center. Generally that is 7:30 a.m. – 2:00 p.m. on weekends, but can vary during different times of the year.

4. Responding Firms should calculate boil off and usage rate for the University’s Hospital West who’s current capacity is 3,000 gallons and is under used at approximately 3,500 gallons per month. Selected Firms are to propose most cost effective usage for this site.

D. Maintenance:

1. The University will retain responsibility for cylinder maintenance of any cylinders which are owned by the University. The Selected firm(s) will be responsible for refilling University owned cylinders and notifying the ordering department within 24 hours should any malfunction be observed.

2. Cylinders owned by the Selected Firm(s), will be the responsibility of the Selected Firm(s) to maintain cylinders in safe working conditions in accordance with Industry/State/Federal standards and regulations.

3. The University does not own the existing bulk tank facilities. These tanks are the property of the current contracted firm. The Selected Firm(s), if other than the current firm, will provide at a minimum, tank facilities equivalent to the existing tank facilities at the University. All external fittings and pipes that are attached to the present tanks should be refitted to new tanks without any expense to the University. Piping and tubing will conform to the requirements of Section 2 (gas and air piping system) of the American Standard Code for pressure piping (ASA-B-31-1). Service to the University will not be interrupted during the installation of the firm's tank facilities.
4. It will be the Selected Firm(s) responsibility to provide the University with information concerning the display of Hazard/Warning signs, and a list of procedures for the storage of compress cylinder gases to insure that the site is in compliance with all current Occupational Safety and Health Administration (OSHA) and Right-To-Know regulations. Material Safety Data Sheets (MSDS) will be submitted for each gas delivered to the University. Any updates to the MSDS must be submitted to:

   University of Virginia
   Office of Environmental Health and Safety
   P.O. Box 400322
   Charlottesville, VA 22904-4322

   The MSDS will be available on the Selected Firm(s) website.

5. No cylinder will be accepted by the University unless a valve protection cap has been properly installed.

6. Cylinders will be color-coded in accordance with Compressed Gas Association standards stated in Pamphlet C-9, Standard Color Market of Compresses Gases Cylinder Intended for Medical Use in the United States. A label will be affixed to each cylinder stating the type of gas and the degree of purity of the gas or gases contained in the cylinder.

7. Cylinder valves will be of high quality to assure proper release of gas. Pressure pop devices will not release under normal operating conditions and valves will fit tightly without leaking when attached to regulators, anesthesia equipment, and other equipment. Cylinder valves will be appropriate for the gas in the cylinder as stated in the current Compressed Gas Association (CGA) Standard "Compressed Gas Cylinder Valve Outlet and Inlet Connections" for threaded outlets and pin-indexed cylinders. No adapters or unsuitable valves will be furnished by the Selected Firm(s). Any cylinder found not suitable will be replaced immediately by the Selected Firm(s) at no charge.

8. Notification of any changes in cylinder, valves, or connectors that differ from CGA Standard(s) or constitute a change in what is being routinely and currently provided to the University will be sent in writing, prior to
implementation of the change, to the Contract Administrator named in the Agreement. In the event questions arise specifically not covered in the above specifications, the CGA's current applicable standard will apply unless superseded by more stringent Federal and/or State regulations.

9. Gases purchased for medical and research use must meet the purity specifications prescribed by the United States Pharmacopoeia (USP) for medical application and/or American Chemical Society (ACS) requirement for academic research.

10. The Selected Firm(s) will provide Quality Control reports with the packing slip for all deliveries.

11. The Selected Firm(s) will assist in planning, executing, and reporting usage and consumption data on an annual and quarterly basis to the respective facilities.

12. The cylinders/bulk containers used to contain medical gas must conform to the dimensions and volume standards within the applicable CGA or National Fire Protection Agency guidelines. All Oxygen E cylinders delivered to the medical center will be aluminum and will be provided with a built in regulators the equivalent of the Oxytote, currently in use at the Medical Center (reference http://www.oxytote.com).

13. All cylinders will be properly purged of gases and impurities prior to filling.

14. The Selected Firm(s) will take care during delivery to transport cylinders in a safe manner in compliance with all current OSHA regulations. Any transport carts which are used will not be filled beyond their standard capacity.

15. The Selected Firm(s) will facilitate the removal of cylinders from the University that are partially full for proper purging.
IV. Basis of Selection

The University will evaluate proposals and, if a firm is to be selected, select the firm on the basis of:

1. The firm's plan to assist the University to meet its goals for supplying the University’s gases needs as discussed in Section II, Background Discussion and Goals of the University, and Section III, Scope of Goods and Services;
2. The firm's relevant experience, qualifications and success in providing the goods and services outlined in this RFP;
3. The firm's references from institutions of higher education, teaching Medical Centers, and clients which are comparable to the University;
4. The firm's financial proposal including but not limited to discounts, service charges and other charges;
5. The quality of the proposal, specifically, responsiveness to requirements and adequacy of information provided;
6. The contractual terms, which would govern the relationship between the University and the Selected Firm;
7. The firm’s plan for the utilization of Small, Women-owned and Minority-owned (SWAM) businesses. (In evaluating the firm’s proposal, the University will assign a minimum of 10 percent of the total selection weight to this individual selection criterion.); and
8. Any other factors relevant to the firm's capacity and willingness to satisfy the University.

V. Contents of the Proposal

Proposals should include information outlined in this section. Copies of proposals must be sent to the Issuing Office, Procurement Services, Carruthers Hall, and not to any other office or department whatsoever at the University.
A. Operations
1. Describe how the firm plans to supply the University’s diverse gas needs, which is the primary goal of this RFP.
2. Provide a plan of operation to achieve the objectives set forth in Section III, Scope of Goods and Services.
3. Describe how the firm plans to provide assistance to the University in tracking usage and proposing any efficiency alternatives, such as bulk tanks. Include a description on how the firm will work with the University to achieve these savings.
4. Describe the firm's reporting ability, including:
   a. Reporting of yearly volumes of gases purchased by the University.
   b. Slow moving cylinder locations.
5. Describe the firm's plan for customer service to include:
   a. Response to expedited gas delivery request from the University.
   b. Emergency gas leak situations.
   c. Weekend/Holiday delivery schedule.
   d. Firms online ordering system.
6. Discuss any current or future potential gas supply/service issues that might affect future prices and supply with the University. These could be industry wide issues. Explain if your firm has developed a solution.

B. Firm Information, Personnel, References
1. Provide a brief history of the firm and its experience in supplying bulk, cylinder, and specialty gases.
2. Provide information on those individuals assigned to work with the University and Medical Center, including a description of their experience in supplying bulk/cylinder gases to a similar style setting.
3. Provide a list of all of the firm's clients comparable to the University or Medical Center, indicating the length of service of each account. The University may contact and/or visit any of these accounts.
4. Provide a list of all clients lost within the last three years which includes:
a. A contact name and telephone number  
b. Length of service at the account  
c. Reason for the loss  

5. Provide a copy of the firm's most recent audited financial statements.  
6. Provide the name of the individual responsible for the firm’s supplier diversity program. This individual is responsible for implementing and reporting on the firm’s Small, Women-owned and Minority-owned (SWAM) program as it will relate to this procurement should the firm be selected.  

C. Financial Proposal  
1. Provide a list of gases, container sizes, current list prices and the University prices that would be available for normal next day delivery  
2. Provide a list of specialty gases and/or container sizes along with current list price, University price and your firms lead time to obtain and deliver these gases.  
3. Provide a list of gases available for delivery to University bulk sites along with list price, University price and standard lead time before delivery can be affected.  
5. Describe how the University will be charged. Include any additional discounts available for early payment of invoices.  
6. State the firm's willingness to not charge demiurge on cylinder rental.  
7. Describe how the University will benefit from cost savings by accepting the firm's proposal.  
8. For what time period can the University can your firm’s prices remain fixed. Explain how future prices will be determined.
D. Contractual Arrangements

1. Provide the University with any form or contract the University may be requested to sign.

2. State the firm's acceptance of Attachment 1, Mandatory Contractual Provisions.

3. State the firm's acceptance, with any proposed modifications, of Attachment 2, Preferred Contractual Provisions.

4. Provide a written statement with the firm’s proposal that its principals or legal counsel has reviewed Attachment 1, Mandatory Contractual Provisions, and Attachment 2, Preferred Contractual Provisions, and agrees that these provisions will become a part of any final agreement.

E. Site Visits

It may be necessary or desirable for the University's evaluation team of less than ten people to travel to a site chosen jointly by the firm and the University to view its operation. Each firm will indicate whether it will reimburse the University for the reasonable and actual expenses (travel, lodging, meals, etc.) incurred by the University for its travel.

F. Small, Women-owned and Minority-owned (SWAM) Business

Specify whether the firm is a SWAM. Firms can only be considered a Small, Women-owned or a Minority-owned Business Enterprise if certified by the Commonwealth of Virginia’s Department of Minority Business Enterprise (DMBE). All certified SWAM firms will be assigned a specific identification number. No SWAM firm is required to certify under this program and no SWAM firm will be excluded from doing business with the Commonwealth because of their failure to certify as a SWAM firm.

The Commonwealth’s definitions are:

- **Minority-owned Business Enterprise** means a business concern which is at least 51 percent owned by one or more minorities or in the case of a
corporation, partnership or limited liability company or other entity, at least 51 percent of the equity ownership interest in which is owned by one or more minorities and whose management and daily business operations are controlled by one or more of such individuals.

- **Minority Individual** means a person who is a citizen of the United States or a legal resident alien and who satisfies one or more of the following definitions:
  - "Asian Americans" means all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands, including but not limited to Japan, China, Vietnam, Samoa, Laos, Cambodia, Taiwan, Northern Marinas, the Philippines, U. S. territory of the Pacific, India, Pakistan, Bangladesh and Sri Lanka and who are regarded as such by the community of which these persons claim to be a part.
  - "African Americans" means all persons having origins in any of the original peoples of Africa and who are regarded as such by the community of which these persons claim to be a part.
  - "Hispanic Americans" means all persons having origins in any of the Spanish speaking peoples of Mexico, South or Central America, or the Caribbean Islands or other Spanish or Portuguese cultures and who are regarded as such by the community of which these persons claim to be a part.
  - "Native Americans" means all persons having origins in any of the original peoples of North America and who are regarded as such by the community of which these persons claim to be a part or who are recognized by a tribal organization.
  - "Eskimos and Aleuts" means all persons having origins in any of the peoples of Northern Canada, Greenland, Alaska, and Eastern Siberia and who are regarded as such in the community of which these persons claim to be a part.
• **Small Business Enterprise** means an independently owned and operated business which, together with affiliates, has 250 or fewer employees, or average annual gross receipts of $10 million or less averaged over the previous three years. Nothing in this provision prevents a program, agency, institution or subdivision from complying with the qualification criteria of a specific state program or a federal guideline to be in compliance with a federal grant or program.

• **Woman-owned Business Enterprise** means a business concern which is at least 51 percent owned by one or more women who are U.S. citizens or legal resident aliens, or in the case of a corporation, partnership or limited liability company or other entity, at least 51 percent of the equity ownership interest in which is owned by one or more women, and whose management and daily business operations are controlled by one or more of such individuals.

If the firm is not a SWAM firm, describe the firm’s partnering relationships with SWAM firms and how it plans to support the University’s goal to increase business annually by 5% with these firms in accordance with Attachment 4, Executive VP and COO’s Request for Commitment letter.

G. Other Information
Provide any other information which the University should consider in evaluating the firm’s proposal.

VI. Information about this RFP
A. Procurement Schedule
Here is a brief schedule for this procurement, specifying the important dates and milestones:

- **Issue Date of RFP:** 08/23/07
- **Preproposal Conference:** 09/12/07
- **Deadline for Receipt of Proposals:** 10/03/07
B. Issuance of RFP and Questions
The Issuing Office for this RFP is:
Procurement Services
University of Virginia
1001 North Emmet Street
P.O. Box 400202*
Charlottesville, Virginia  22904-4202

**NOTE:  If RFP proposal is sent U. S. Postal Service use the P. O. Box.  The University does not take responsibility for lost or misdirected mail.

Attention:  John Gerding, Major Procurements Manager  
Telephone: (434) 924-4215  
Fax :  (434) 982-2690  
TDD:  (434) 982-HEAR  
Email: jeg5y@virginia.edu

Any questions concerning this RFP will be directed to John Gerding as listed above and not to any other person at the University, with the exception of issues directly related to SWAM business and SWAM subcontracting opportunities. Such SWAM issues may be alternately directed to Bill Cooper, the University’s Director of Supplier Diversity, at (434) 924-7174 or wsc6ja@virginia.edu. The University will determine whether any addenda should be issued as a result of any question or other matters raised.

C. Preproposal Conference
A conference for firms receiving this RFP will be held on Wednesday, September 12, 2007 at 10:00 a.m. in Carruthers Hall Conference Room #E, Charlottesville, Virginia (map viewed at this web site: http://www.virginia.edu/Map/). Attendance at this conference is advised if your firm wishes to raise any questions in connection with this RFP. Please print a copy of the RFP and bring it with you as no additional copies will be provided at the conference. The University intends to present general information which may be helpful in the preparation of proposals and to offer firms the opportunity to ask
questions concerning this RFP. No firm may have more than two representatives present at the conference.

Firms planning to attend the Preproposal Conference should notify Becky Sims either by email (pur-rfp@virginia.edu) or telephone (434-924-1346), no later than 3:00 p.m. on Monday, September 10, 2007 of the names, titles, and phone numbers of the individuals who will attend.

D. Proposal Deadline
All proposals must be received at the Issuing Office by 3:00 p.m., Wednesday, October 3, 2007. Ten copies of each proposal must be provided in individual, bound volumes. Firms must also include an electronic copy of the proposal on a CD-ROM, excluding any pre-printed materials such as financial statements. The electronic copy should be formatted as a Microsoft Word document.

E. Oral Presentations and Negotiations
An oral presentation by two or more firms may be required after written proposals are received by the University. If the University requires such a presentation, the Issuing Office will schedule a time and place. Each firm should be prepared to discuss and substantiate any of the areas of the proposal it submitted, its own qualifications for the services required and any other area of interest relative to its proposal. Oral presentations and negotiations are tentatively scheduled for October 23, 2007 and October 24, 2007. Negotiations with two or more firms will be conducted by the University on the firms' financial proposals and proposed terms and conditions.

F. Communications between the University and the firms regarding This RFP
Informal Communications
From the date of receipt of this Request for Proposal by each firm until a binding contractual agreement exists with the Selected Firm and all other firms have been notified, or when the University rejects all proposals, informal communications
regarding this procurement will cease. Informal communications will include but not be limited to:

1. Requests from the firms to any department at the University, with the exception of Procurement Services for information, comments, speculation, etc.;

2. Requests from any department at the University, or any employee of the University, with the exception of Procurement Services for information, comments, speculation, etc.

Formal Communications

From the date of receipt of this Request for Proposal by each firm until a binding contractual agreement exists with the Selected Firm and all other firms have been notified, or when the University rejects all proposals, all communications between the University and the firms will be formal, or as provided for in this Request for Proposal, or as requested by Procurement Services. Formal communications will include but not be limited to:

1. Preproposal Conference
2. Oral presentations
3. Site visits, Interviews, etc.

Any failure to adhere to the provisions set forth in Informal Communications and the Formal Communications sections above may result in the rejection of any firm's proposal or cancellation of this RFP.

G. Formation of the Agreement with the Selected Firm

All proposals received will be carefully evaluated by the University. The University will then select two or more firms deemed to be fully qualified and best suited among those submitting proposals, on the basis of evaluation criteria described in this RFP. The University will then conduct negotiations with each of these firms. After negotiations have been conducted, the University will select the firm which, in its opinion, has made the best proposal. The University will award the agreement to the Selected Firm by either of these methods:
1. Accept the proposal as written by issuing a written notice to the Selected Firm which refers to this RFP and accepts all or part of the proposal submitted in response to it and/or any addenda submitted during the negotiation process; or

2. Execute a mutually satisfactory written agreement based on this RFP, the proposal submitted, and the negotiations concerning these.

3. If the University determines in writing and in its sole discretion that only one firm is fully qualified, or that one firm is clearly more highly qualified than the others under consideration, it may decide to negotiate and award an agreement to that firm.

Firms should also note that, as described in Section H, Provisions Deemed Included in the Proposal, certain matters will automatically be deemed part of the proposal.

H. Provisions Deemed Included in the Proposal

The University will consider each proposal to include not only the matters expressly stated in the proposal as requested in Section V, Contents of the Proposal, but also other provisions which consist of two different types: those which are "mandatory" and cannot be changed by a firm in its proposal; and those which are "preferred" by the University, but which a firm may wish to alter by expressly and specifically so stating in its proposal.

The University includes mandatory provisions so that all proposals will be governed by the same basic contractual terms. The University encourages any firm which feels that a mandatory provision is unreasonable to contact the University before proposals are due so the University can consider amending the provision. The University includes preferred provisions so that any difference between the firm and the University's preferred contractual provisions can be considered during the University's evaluation of proposals.
1. Mandatory Provisions
Each proposal received by the University in response to this RFP will automatically be deemed to include the firm's agreement to the provisions of (a) and (b) below. Although such provisions will govern the firm's proposals as submitted, the University and one or more firms may later mutually agree to amend such provisions, such as when additional time is needed to consider proposals, or when contractual negotiations or performance indicate that such amendments are appropriate.

a. The proposal constitutes an offer by the firm which will remain open and irrevocable for a period of 120 days from the deadline for submitting proposals as stated in Section C, Proposal Deadline.

b. If selected by the University, the provisions governing the firm's performance will include all the provisions of Attachment 1, Mandatory Contractual Provisions.

Unless a firm expressly and specifically provides otherwise in its written proposal, the proposal received by the University in response to this RFP will automatically be deemed to include the firm's agreement to these provisions:

a. The firm consents to the University contacting and obtaining any information relevant to this RFP from the references and others identified by the firm in its proposal, as well as from any other persons, firms, or organizations which the University wishes to contact; and

b. If selected by the University, the provisions governing the firm's performance will include all the provisions of Attachment 2, Preferred Contractual Provisions.
I. Rejection of Proposals
The University reserves the right to reject any or all proposals received. Nonacceptance of a firm's proposal will mean that one or more proposals were deemed more advantageous to the University or that all proposals were rejected. Firms whose proposals are not accepted will be notified after a binding contractual agreement between the University and the Selected Firm exists, or when the University rejects all proposals.

J. Virginia Freedom of Information Act
Except as provided below, once an award is announced, all proposals submitted in response to this RFP will be open to the inspection of any interested person, firm or corporation, in accordance with the Virginia Freedom of Information Act. Trade secrets or proprietary information submitted by firms as part of its proposal will not be subject to public disclosure under the Virginia Freedom of Information Act; however, the firm must invoke the protections of this section prior to or upon submission of its proposal, and must identify the specific data or other materials to be protected and state the reasons why protection is necessary. Firms may not request that its entire proposal be treated as proprietary information.
Attachment 1
Mandatory Contractual Provisions

A. Nondiscrimination
During the performance of this Agreement, the Selected Firm will comply with the contract provisions contained in Section 2.2-4311 (1) & (2) of the Code of Virginia or any successor provisions which may be applicable to this Agreement. Also, in accordance with Section 2.2-4343.1, the University does not discriminate against faith-based organizations.

B. Conflict of Interests
The Selected Firm represents to the University that its entering into this Agreement with the University and its performance through its agents, officers and employees does not and will not involve, contribute to nor create a conflict of interest prohibited by the Virginia State and Local Government Conflict of Interests Act (Va. Code 2.2-3100 et seq), the Virginia Ethics In Public Contracting Act (Va. Code 2.2-4367 et seq), the Virginia Governmental Frauds Act (Va. Code 18.2-498.1 et seq) or any other applicable law or regulation.

C. Assignment
Neither party to this Agreement will have the right to assign this Agreement in whole or in part without the prior written consent of the other.

D. Amendments
No amendment of this Agreement will be effective unless it is reduced to writing and executed by the University's Director of Procurement Services and by the individual signing the Selected Firm's proposal or by other individuals named by either party as specified in Section E, Notices below. If the Selected Firm deviates from the terms of this Agreement without a written amendment, it does so at its own risk.
E. Notices

Any notice required or permitted to be given under this Agreement will be in writing and will be deemed duly given: (1) if delivered personally, when received; (2) if sent by recognized overnight courier service, on the date of the receipt provided by such courier service; (3) if sent by registered mail, postage prepaid, return receipt requested, on the date shown on the signed receipt: or (4) if sent by facsimile, when received (as verified by sender’s machine) if delivered no later than 4:00 p.m. (receiver’s time) on a business day or on the next business day if delivered (as verified by sender’s machine) after 4:00 p.m. (receiver’s time) on a business day or on a non-business day. All such notices will be addressed to a party at such party’s address or facsimile number as shown below.

If to the University:
Eric N. Denby
Director of Procurement Services
Carruthers Hall
University of Virginia
1001 North Emmet Street
P.O. Box 400202
Charlottesville, Virginia 22904-4202
Fax: (434) 924-6154

If to the Selected Firm:
The person signing the Selected Firm's proposal in response to the University's RFP, at the Selected Firm's address indicated in such proposal; or to such other person or address as either may designate for itself in writing and provide to the other.

F. Independent Contractor

Selected Firm is not an employee of the University, but is engaged as an independent contractor. The Selected Firm will indemnify and hold harmless the Commonwealth of Virginia, the University, and its employees and agents, with respect to all withholding, Social Security, unemployment compensation and all other taxes or amounts of any kind relating to the Selected Firm's performance of this Agreement. Nothing in this Agreement will be construed as authority for the Selected Firm to make commitments which will bind the University, or to otherwise act on behalf of the University, except as the University may expressly authorize in writing.
G. Workers' Compensation and Employers' Liability

The Selected Firm will (i) maintain Employers Liability coverage of at least $100,000 and (ii) comply with all federal or state laws and regulations pertaining to Workers' Compensation Requirements for insured or self-insured programs.

H. Drug-Free Workplace

The Selected Firm, its agents and employees are prohibited, under the terms of this Agreement, Code of Virginia Section 2.2-4312, and the Commonwealth of Virginia, Department of Human Relations Management Policy Number 1.05, from manufacturing, distributing, dispensing, possessing, or using any unlawful or unauthorized drugs or alcohol while on University property.

During the performance of this Agreement, the Selected Firm agrees to 1) provide a drug-free workplace for the Selected Firm's employees; 2) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Selected Firm's workplace and specifying the actions that will be taken against employees for violations of such prohibition; 3) state in all solicitations or advertisements for employees placed by or on behalf of the Selected Firm that it maintains a drug-free workplace; and 4) include the provisions of the foregoing clauses in every subcontract or purchase order of over $10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific agreement awarded to a Selected Firm, the employees of whom are prohibited from engaging in the unlawful manufacturing, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the agreement.
I. Information Technology Access Act

In accordance with § 2.2-3504 of the Code of Virginia, the following will apply to all information technology Agreements:

NON-VISUAL ACCESS TO TECHNOLOGY: All information technology (the "Technology") which is purchased or upgraded by the University will comply with the following non-visual access standards from the date of purchase or upgrade until the expiration of the Agreement:

- Effective, interactive control and use of the Technology will be readily achievable by non-visual means;

- Technology equipped for non-visual access will be compatible with information technology used by other individuals with whom any blind or visually impaired user of the Technology interacts;

- Non-visual access technology will be integrated into any networks used to share communications among employees, program participants or the public; and

- Technology for non-visual access will have the capability of providing equivalent access by non-visual means to telecommunications or other interconnected network services used by persons who are not blind or visually impaired.

Compliance with the foregoing non-visual access standards will not be required if the Director of Procurement Services, University of Virginia determines that 1) the Technology is not available with non-visual access because the essential elements of the Technology are visual and 2) non-visual equivalence is not available.

Installation of hardware, software, or peripheral devices used for non-visual access is not required when the Technology is being used exclusively by individuals who are not blind or visually impaired, but applications programs and underlying operating systems (including the format of the data) used for the manipulation and presentation of information will permit the installation and effective use of non-visual access software and peripheral devices.
If requested, the Agreement must provide a detailed explanation of how compliance with the foregoing non-visual access standards is achieved and a validation of concept demonstration.

J. eVA Business To Government Registration
The eVA Internet electronic procurement solution, web site portal www.eva.state.va.us, is the Commonwealth of Virginia's comprehensive electronic procurement system. The portal is the gateway for firms to conduct business with state agencies and public bodies. All agencies and public bodies are expected to utilize eVA. All firms desiring to provide goods and/or services in the Commonwealth are encouraged to participate in the eVA Internet e-procurement solution. The Selected Firm is required to register in the eVA Internet e-procurement solution prior to an award being made.

K. eVA Transaction Fee
The Selected Firm agrees, by accepting an award as a result of this RFP, that it is a registered eVA vendor and will be subject to an eVA transaction fee, for which the Selected Firm will be invoiced by Commonwealth of Virginia, Department of General Services. Additional information is available at www.eva.state.va.us.

L. Contractor License Requirements
State statutes and regulatory agencies require that some firms be properly registered and licensed, or hold a permit, prior to performing specific types of services. If firms provide removal, repair, improvement, renovation or construction-type services they, or a qualified individual employed by the firm, must possess and maintain an appropriate State of Virginia Class A, B, or C Contractor License (as required by applicable regulations and value of services to be performed) for the duration of the Agreement. It is the firm’s responsibility to comply with the rules and regulations issued by the appropriate State regulatory agencies.

License #______________ Type____________________
A copy of the license must be furnished upon request to the University or VASCUPP member institution.
Attachment 2
Preferred Contractual Provisions

A. Goods and Services
During the term of this Agreement, the Selected Firm will provide for the University the goods and services offered to the University by the firm in its proposal and/or any addenda to its proposal which has been approved in writing by the University and as may be further specified by the University in writing when it selected the firm.

B. Term of Agreement
The term of this Agreement will be for three years, with the ability to renew on the same terms and conditions, for two additional two-year periods if mutually agreeable to the University and the Selected Firm. The Selected Firm and the University will mutually agree at least 180 days prior to each renewal period whether to renew the terms of the Agreement.

C. Contract Administrator
The University will identify a Contract Administrator for any Agreement which results from this RFP. The individual will be the point of contact at the University for day-to-day operations, but cannot approve amendments to the Agreement or price changes.

D. Waiver
No waiver of any right will be deemed a continuing waiver, and no failure on the part of either party to exercise wholly or in part any right will prevent a later exercise of such or any other right.

E. Indemnification
The Selected Firm will indemnify and hold harmless The Commonwealth of Virginia, The Rector and Visitors of the University of Virginia, and their agents, employees and officials from any and all costs, damage or loss, claims, liability, damages, expenses (including, without limitation, attorneys' fees and expenses) caused by or arising out of
the performance or non performance of the Agreement by the Selected Firm or its agents
or subcontractors, including the provision of any services or products. The Selected Firm
warrants that the products, goods and services provided the University may be used by
the University without being in violation of any copyright, patent or similar property
right or claim by others and will defend, indemnify and save the University (its
employees and agents) from and against any such claim.

F. Governing Law
This Agreement will be governed in all respects by the laws of the Commonwealth of
Virginia.

G. Termination
If the Selected Firm fails to provide quality goods or services in a professional manner,
solely as determined by the University, and, upon receipt of notice from the University,
does not correct the deficiency, to the University's satisfaction within a reasonable period
of time, not to exceed five calendar days unless otherwise agreed to by both parties in
writing, the University reserves the right to terminate this Agreement upon written notice
to the Selected Firm.

H. Non-Appropriation
Funding for any Agreement between the University and a Selected Firm is dependent at
all times upon the appropriation of funds by the Virginia General Assembly and/or any
other organization of the Commonwealth authorized to appropriate such funds. In the
event that funding to support this Agreement is not appropriated, whether in whole or in
part, then the Agreement may be terminated by the University effective the last day for
which appropriated funding is available.

I. Right of Audit
The University reserves the right to audit or cause to be audited the Selected Firm's books
and accounts regarding the University's account at any time during the term of this
Agreement and for five years thereafter. The Selected Firm will make available to the
University all books and records relating to performance of this Agreement as may be requested during said period.

J. Contractual Claims
This Agreement is subject to the University's policy on Contractual Claims which is provided as Attachment 3, Procedure for Resolution of Contractual Claims.

K. Insurance
Listed below is the insurance the Selected Firm must maintain under any Agreement resulting from this RFP. In no event should the Selected Firm construe these minimum required limits to be their limit of liability to the University. The Selected Firm will maintain insurance which meets or exceeds the requirements of the University with insurance companies that hold at least an A- financial rating with A.M. Best Company. No Agreement will be executed by the University until the Selected Firm satisfies the insurance requirements of the University. The Selected Firm may be required to provide the University with a valid Certificate of Insurance before providing any goods or services to the University. The University reserves the right to approve any insurance proposed by the Selected Firm.

Comprehensive Commercial General Liability:
The Selected Firm and any Subcontractor will provide a minimum combined single Limit of Liability for bodily injury and property damage of $2,000,000 per occurrence and a $5,000,000 aggregate for products and completed operations with coverage for the following areas:

{X} Premises/Operations   {X} Products/Completed Operations

Automobile Insurance:
The Selected Firm and any Subcontractor will provide a minimum combined single Limit of Liability for bodily injury and property damage of $1,000,000 per occurrence with the following coverages for vehicles operated by their employees.

{X} Owned and Non-Owned Automobiles
Additional Insured:
The University will be named as an Additional Insured, and the proper name is: "The Commonwealth of Virginia, and the Rector and Visitors of the University of Virginia, its officers, employees, and agents."

L. Use of Agreement by Third Parties
In accordance with Section 2.2-4304 of the Code of Virginia, these organizations may have access to any Agreement resulting from this RFP to allow for cooperative purchasing by only the Virginia Association of State College and University Purchasing Professionals (VASCUPP) and all other Commonwealth of Virginia public institutions of higher education (to include four-year, two-year and community colleges). Current VASCUPP member institutions include: College of William and Mary, George Mason University, James Madison University, Old Dominion University, Radford University, University of Virginia, Virginia Commonwealth University, Virginia Military Institute, and Virginia Polytechnic Institute and State University. A list of all other Virginia Public Colleges and Universities is available at http://www.ExploreVirginiaColleges.com/.

In addition, access to the Agreement may also be extended to 1) Any University related foundation, and 2) City of Charlottesville and County of Albemarle. Potentially, other member schools of the Atlantic Coast Conference (ACC) may also have access to any Agreement resulting from this RFP if such access is confirmed by the University. The other ACC member schools which may potentially participate are: Boston College, Clemson University; Duke University; Florida State University; Georgia Institute of Technology, University of Miami, North Carolina State University; University of Maryland, University of North Carolina; Wake Forest University, and Wake Forest University Health Sciences. Other institutions which may participate include Emory University.

Participation in this cooperative procurement is strictly voluntary. If authorized by the Selected Firm, the Agreement will be extended to the public bodies indicated above to purchase at the fees in accordance with the terms of the Agreement. The Selected Firm
will notify the University in writing of any such institutions accessing the Agreement. No modification of the Agreement or execution of a separate agreement is required to participate. The Selected Firm will provide semi-annual usage reports for all VASCUPP member institutions and public institutions accessing the Agreement. Participating public bodies will place their own orders directly with the Selected Firm and will fully and independently administer use of the Agreement to include contractual disputes, invoicing and payments without direct administration from the University. The University will not be held liable for any costs or damages incurred by any other participating public body as a result of any authorization by the Selected Firm to extend the Agreement. It is understood and agreed that the University is not responsible for the acts or omissions of any VASCUPP member institution, or any other entity accessing the Agreement under this section, and will not be considered in default of the Agreement no matter the circumstances.

Use of this Agreement does not preclude any participating public body from using other agreements or competitive procurement processes as required by law.

M. Favored Nations
The Selected Firm represents that the prices, terms, warranties, and benefits specified in its proposal are comparable to or better than the equivalent terms being offered by the firm to any present customer.

N. The University's Authorized Representatives
The only persons who are or will be authorized to speak or act for the University in any way with respect to this Agreement are those whose positions or names have been specifically designated in writing to Selected Firm by the University's Director of Procurement Services.

O. Purchasing Manual
This Agreement is subject to the provisions of the Commonwealth of Virginia "Purchasing Manual for Institutions of Higher Education and Their Vendors" and any
subsequent revisions, which is available on Procurement Services web site at: 
http://www.virginia.edu/procurement/about/PurchasingManual.html

P. Small, Women-owned and Minority-owned (SWAM) Business Reporting
The Selected Firm will identify and fairly consider SWAM firms for subcontracting 
opportunities when qualified SWAM firms are available to perform a given task in 
performing for the University under the resulting Agreement. The Selected Firm will 
submit a quarterly SWAM business report to the University by the 8th of the month 
following each calendar quarter, specifically the months of April, July, October, and 
January. The Selected Firm will submit the quarterly SWAM business reports to:

Nancy Noblette
Administrative Assistant to the Director of Procurement Services
E-mail: nrn9g@virginia.edu

The quarterly SWAM business reports will contain this information:
• SWAM firm’s name, address and phone number with which the Selected Firm has 
contracted over the specified quarterly period.
• Contact person at the SWAM firm who has knowledge of the specified information.
• Type of goods and/or services provided over the specified period of time.
• Total amount paid to the SWAM firm as it relates to the University’s account.

The Selected Firm’s failure to provide SWAM reports on a quarterly basis which contain 
the information required by this section and/or the Selected Firm’s failure to comply with 
the plan for utilizing SWAM businesses submitted by the Selected Firm as part of its 
proposal and/or negotiation response may be grounds for debarment pursuant to Section 

Q. Intellectual Property Rights/Disclosure
Unless expressly agreed to the contrary in writing, all goods, products, materials, 
documents reports, writings, video images, photographs or papers of any nature including 
software or computer images prepared or provided by the Selected Firm (or its 
subcontractors) for the University will not be disclosed to any other person or entity
without the written permission of the University. The Selected Firm warrants to the University that the University will own all rights, title and interest in any and all intellectual property rights created in the performance or otherwise arising from any Agreement resulting from this RFP and will have full ownership and beneficial use thereof free and clear of claims of any nature by any third party including without limitation copyright or patent infringement claims. The Selected Firm will execute any assignments or other documents needed for the University to perfect such rights. Notwithstanding the foregoing, for research collaboration pursuant to subcontracts under sponsored research agreements administered by the University's Office of Sponsored Programs, intellectual property rights will be governed by the terms of the grant or contract to the University to the extent such grant or contract requires intellectual property terms to apply to subcontractors.

R. Electronic Procurement Clause

The Selected Firm agrees to provide and maintain an electronic catalog in the University’s Electronic Marketplace (the “UVa Marketplace”). The Selected Firms will work with the University’s marketplace manager, Sciquest, to establish and maintain a catalog. Catalogs can be hosted in the UVa Marketplace or a punch-out from the UVa Marketplace to the Selected firm’s website. The University requires the following from its catalog firms.

Hosted Catalog Firms will:
- Periodically update items, descriptions and pricing. Not to exceed four times per year.
- Use SciQuest functionality to identify product classifications such as hazardous materials, radioactive, controlled substances, etc.
- Address pricing discrepancies within one business day.

Punch-out Catalog Firms will:
- Notify the University’s Contract Administrator of pricing and product changes prior to making a change.
• Clearly notate shipping terms, return policy and cancellation policy in the punch-out catalog.
• Provide training or help details in the punch-out catalog.
• Allow customization of the punch-out catalog with the University’s marks, logos and/or necessary language.
• Agree that to the extent the terms and conditions of this Agreement are in conflict with those in the punch-out catalog, this Agreement will take precedence.
• Provide an error message as connectivity interruptions arise.
• Have a privacy policy that complies or is similar to the Platform for Privacy Preferences Project (P3P) standards.

The Selected Firm will:
• Ensure that the Catalog data is maintained, updated and accurate.
• Invoice at catalog prices or lower and accept payment of catalog price if there is a discrepancy. Invoices will be in the same line number sequence as the purchase order.
• Negotiate freight terms for UVa Marketplace purchases.
• Agree to develop and maintain a delivery performance standard and provide annual reports on such performance.
• Register in eVA and maintain its registered status for the term of this Agreement. Additionally, maintain the necessary number of eVA sites for orders to be placed from the UVa Marketplace.
• If necessary will maintain and update accurate Ship to addresses in its system.
• Provide reports as required by the University update and maintain its catalog in the system. Such reports may include, sales by item, price and quantity sold per time, percentage increase in sales, average lead time, percentage of on-time deliveries and delivery errors.
• Support a manual process for change orders.
• Encourage University user to utilize the UVa Marketplace for placing orders.
The University reserves the right to remove the Selected Firm’s catalog from its Marketplace, renegotiate discounts and/or fees and payment of site license fees at anytime during the term of this Agreement.
Attachment 3

Procedure for Resolution of Contractual Claims

The Virginia Acts of Assembly of 2007, Chapter 943, Chapter 3, Exhibit P and its attachments requires contractors with the University to submit any claims, whether for money or other relief, in writing no later than 60 days after final payment; however, written notice of the contractors intention to file such a claim must be given at the time of the occurrence or beginning of the work upon which the claim is based.

The University's procedure for deciding such contractual claims is:

A. The Selected Firm must provide the written claim to:

   Assistant Director of Procurement Services
   University of Virginia
   1001 North Emmet Street
   P. O. Box 400202
   Charlottesville, Virginia  22904-4202

B. Although the Selected Firm may, if it chooses, attempt to resolve its claim by dealing with a University department other than the one stated in Section A above, the Selected Firm must submit any unresolved claim in writing no later than 60 days after final payment to the Assistant Director of Procurement Services if it wishes to pursue its claim.

C. Upon receiving the written claim, the Assistant Director of Procurement Services will review the written materials relating to the claim and decide whether to discuss the merits of the claim with the Selected Firm. If such discussion is to be held, the Assistant Director of Procurement Services will contact the Selected Firm and arrange such discussion. The manner of conducting such discussion will be as the Assistant Director and the Selected Firm mutually agree.
D. The Assistant Director of Procurement Services will mail his or her decision to the Selected Firm within 60 days after receipt of the claim. The decision will state the reason for granting or denying the claim.

E. The Selected Firm may appeal the decision to:

   Director of Procurement Services
   University of Virginia
   Carruthers Hall
   1001 North Emmet Street
   P.O. Box 400202
   Charlottesville, Virginia 22904-4202

   by providing a written statement explaining the basis of the appeal, within 15 days after the Selected Firm's receipt of the decision.

F. Upon receiving the written appeal, the Director of Procurement Services will review the written materials relating to the claim and decide whether to discuss the merits of the claim with the Selected Firm. If such discussion is to be held, the Director of Procurement Services will contact the Selected Firm and arrange such discussion. The manner of conducting such discussion will be as the Director of Procurement Services and the Selected Firm mutually agree.

G. The Director of Procurement Services will mail his or her decision to the Selected Firm within 60 days after the Director of Procurement Services receipt of the appeal. The decision will state the reasons for granting or denying the appeal.
Greetings:

The quality of service the University of Virginia is able to deliver to its customers is directly related to the excellent support we receive from you and many other outstanding suppliers of goods and services. Without you, we would not be able to fulfill our educational, health care and research missions. An important part of our procurement program involves our commitment to doing business with small, women-and minority-owned (SWAM) businesses. As one of our most important vendors, we look to you to help us achieve this objective.

We conduct substantial business with small firms. We have been less effective in securing long-term business relationships with minority-and women-owned businesses. We are determined to improve our record.

I seek your assistance in two areas. First, to the extent practical, I ask that you involve small, women-and minority-owned businesses in the delivery of services you provide to UVa. Second, I seek your help in reporting your results through our quarterly subcontracting reports. The terms and conditions previously provided to your organization outlined this process.

This effort is important to us. We depend on you in so many ways – this is another way that we can partner with your company to make things better.

Sincerely,

Leonard W. Sandridge
Executive Vice President and Chief Operating Officer
LWS:dr
Madison Hall · Post Office Box 400228 · Charlottesville, Virginia 22904-4228
Attachment 5

Bulk Gases

Liquid Nitrogen
99.5% pure, including facilities fees
price per 100 cu feet $ __________

Liquid Oxygen
99.5% pure, including facilities fees
price per 100 cu feet $ __________

Liquid Nitrogen
99.5% pure, excluding facilities fees
price per 100 cu feet $ __________
Facilities fees
  Physics Department $ __________
  RLES Thornton Hall $ __________

Liquid Oxygen
99.5% pure, excluding facilities fees
price per 100 cu feet $ __________
Facilities fees
  University Medical Center West $ __________
  University Medical Center $ __________
  Kluge Center $ __________

Liquid Nitrogen
Location Current Capacity of Tanks
Physics Department, McCormick Road 1,500 gallons
Electrical Engineering, Thornton Hall 1,500 gallons

*NOTE: A 2,000 cubic feet per hour vaporizer is located at each of the University's liquid nitrogen tank locations.

Liquid Oxygen
Location Current Capacity of Tanks
University Medical Center West 3,000 gallons
(Jefferson Park Avenue)
University Medical Center 6,000 gallons
New required total capacity of at least 12,000 gallons
(Lane Road)
Kluge Center 900 gallons
(2270 Ivy Road)

*NOTE: Two 23,000 cubic feet per hour vaporizers are located at each of the Medical Center liquid oxygen tank locations.
All installed bulk tanks must meet current NFPA 99, NFPA 50, and NFPA 101 codes for installation. Each installed site should have real-time electronic monitoring of levels and condition.

Minimal or no Company Logos are to be attached to tanks. Contract administrators must approve all signage.
## Attachment 6

### Sampling of Cylinder Gases for Comparison Purposes

<table>
<thead>
<tr>
<th>Description</th>
<th># of cyls</th>
<th>Total cf</th>
<th>Unit price (to include demurrage/rental)</th>
<th>Extended Price</th>
<th>Firms cylinder size or volume capacity</th>
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<tbody>
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<td>Acetylene &quot;MC&quot;</td>
<td>92</td>
<td>920</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetylene &quot;B&quot;</td>
<td>51</td>
<td>2040</td>
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<td></td>
<td></td>
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<td>Acetylene</td>
<td>36</td>
<td>4843</td>
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<td>Argon</td>
<td>246</td>
<td>82656</td>
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<tr>
<td>Breathing Air &quot;E&quot;</td>
<td>149</td>
<td>3129</td>
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<td></td>
</tr>
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<td>Breathing Air &quot;H&quot;</td>
<td>14</td>
<td>3290</td>
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<tr>
<td>Breathing Air &quot;T&quot;</td>
<td>146</td>
<td>45552</td>
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<td>Medical CO2 &quot;E&quot;</td>
<td>95</td>
<td>665</td>
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<tr>
<td>Carbon Dioxide 50 lb</td>
<td>1555</td>
<td>77750</td>
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<tr>
<td>CO2/Air medical mix</td>
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<td>6080</td>
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<td>Lung Diffusion mix</td>
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<td>Medical Nitrogen &quot;H&quot;</td>
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<td>229770</td>
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<tr>
<td>Medical Nitrous Oxide &quot;E&quot;</td>
<td>27</td>
<td>189</td>
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<tr>
<td>Medical Nitrous Oxide &quot;F&quot;</td>
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<td>20</td>
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<td>Medical Nitrous Oxide &quot;G&quot;</td>
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<tr>
<td>CD/NI Medical mix</td>
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<td>160</td>
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<td>22</td>
<td>4180</td>
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<tr>
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<td>90</td>
<td>17100</td>
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<tr>
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<td>Propane 20 lb</td>
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<td>220</td>
<td></td>
<td></td>
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<tr>
<td>Propane 33 lb (forklift)</td>
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<td>396</td>
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<td>Argon UHP 99.999%</td>
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<td>Helium Zero</td>
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<td>Oxygen 99.999%</td>
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<td>CO2 Bone Dry</td>
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<tr>
<td>CD/OX Medical mix</td>
<td>177</td>
<td>35046</td>
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## Sampling of Specialty Gases for Comparison Purposes

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit price (to include demurrage/rental)</th>
<th>Firms cylinder size or volume capacity</th>
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<tbody>
<tr>
<td>Hydrogen Chloride 227g</td>
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<tr>
<td>Hydrobromic Acid 454g</td>
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<tr>
<td>Propylene</td>
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<tr>
<td>Ethylene</td>
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<tr>
<td>Deuterium</td>
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<tr>
<td>Chlorodichloromethane</td>
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<tr>
<td>Hydrogen Disulfide</td>
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<tr>
<td>Carbon Monoxide</td>
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<tr>
<td>Xenon 100 liters</td>
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<td>Sulfur Hexofluoride</td>
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<tr>
<td>Nitric Acid</td>
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<td>40% O Bal N2</td>
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<td>60% O Bal N2</td>
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<tr>
<td>Methane</td>
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<td>1- Butene 400g</td>
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