

COMMONWEALTH OF VIRGINIA
DIVISION OF PURCHASES AND SUPPLY
1111 E. BROAD STREET, 6th Floor
P. O. BOX 1199
RICHMOND, VIRGINIA 23218-1199

NOTICE OF CONTRACT AWARD

- 1. DATE July 17, 2008
- 2. COMMODITY NAME Gases: Medical, Laboratory, Welding & Protocol
- 3. CONTRACT NUMBER..... **E194-1027-09**
- 4. CONTRACT PERIOD July 28, 2008 – July 31, 2011
- 5. SUPERSEDES 4300101-70
- 6. AUTHORIZED USERS State Agencies and Other Public Bodies
- 7. CONTRACTORS' DUN's NUMBER..... See Page 6-7
- 8. CONTRACTORS See Page 6-7
- 9. CONTRACTORS' PHONE NUMBERS..... See Page 6-7
- 10. TERMS Small Purchase Charge Card to maximum extent or Net 30 days
- 11. DELIVERY As Required by Using Agency
- 12. F.O.B..... Destination
- 13. MINIMUM ORDER See Paragraph 13 - \$100 for all Lots except VCU
- 14. FOR FURTHER CONTRACT INFORMATION CONTACT: Chris A. Nichols, CPPB, VCO
Phone (804) 786-3849

15. NOTICE TO ALL STATE AGENCIES: This contract is the result of a competitive bid program and its use is **mandatory for all named** State Agencies (unless otherwise indicated in item 6 above) in the purchase of any commodity listed herein. If the commodity or services available under this contract cannot be used by an agency, a request to purchase other goods or services of a similar nature shall be submitted to the appropriate DGS/DPS contract/purchase officer for approval. A complete and factual written justification is necessary to support the request. Refer to Section 13.7a of the Agency Procurement and Surplus Property Manual.

By: Chris A. Nichols
Chris A. Nichols
Statewide Contract Officer

INSTRUCTIONS

1. Contractors agree to extend pricing on cylinder rental rates past the end of the contract until such time as all remaining tanks are removed from the premises and a final inventory is conducted and agreed upon by both parties.
2. **CHANGE OUT:** Paragraph 1 above is included in the previous contract and applies to all contractors of the current contract. Upon award, all new orders will be placed with the newly awarded contract vendors as currently held supplies are used up.
3. The awarded contractor if other than the current contractor will provide at a minimum, tank facilities equivalent to the existing tank facilities. All external fittings and pipes that are attached to the present tanks should be refitted to new tanks without any expense to the end user. Piping and tubing will conform to the requirements of the American Standard Code for pressure piping (AA-B-31-1) Service will not be interrupted during the installation of the firm's tank facilities.
4. **CYLINDER LOAN:** Unless otherwise purchased, cylinders shall remain the property of the Contractor.
 - A. Gas cylinders for laboratory, medical or welding use shall remain the property of the Contractor.
 - B. Cylinders owned by the contractor will be the responsibility of the contractor to maintain in safe working condition in accordance with the Industry/State/Federal standards and regulations
 - C. There are no free loan days. Rental rates are based on number of cylinders on hand at end of month.
 - D. Agency will pay Contractor for cylinders lost or damaged except as otherwise noted herein not to exceed the amount listed on bid sheet. Replacement price shall not exceed the normal wholesale price for replacement cylinders.
5. The applicable contract number and item number (for itemized contracts) must be shown on each purchase order.
6. Any complaint as to quality, faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Division of Purchases and Supply for handling with the contractor. Vendor/Procurement Complaint Form (DGS-41-024 rev.), by which to facilitate the notification of the contractor and this office of complaints, is available on the eva.virginia.gov website at the **BUYER** tab.
7. Inspection on delivery and approval of vendor's invoice is the responsibility of receiving state agency, Virginia city, county, town or political subdivision.
8. **NOTICE:** Any State Agency or Public Body may purchase welding gases in their zone. Your Agency must be listed under a particular zone in order to purchase medical, laboratory, or protocol gases.
9. The addition or deletion of authorized users not specifically named in the solicitation shall be made only by written contract modification issued by this agency or institution and upon mutual agreement of the contractor. Such modification shall name the specific agency added or deleted and the effective date. The Contractor shall not honor an order citing the resulting contract unless the ordering entity has been added by written contract modification.
10. **Renewals.** Four (4), one year renewal options remain. The decision as to whether to exercise the next renewal option will be made by the contract officer approximately four to six months in advance of the expiration date of the current term.
11. **PRICE ESCALATION/DEESCALATION:** No price increases will be authorized for 180 calendar days after the effective date of the contract. Price escalation may be permitted only at the end of this period and each 90

days thereafter and only where verified to the satisfaction of the purchasing office.

The purchasing office will notify the using agencies and Contractor in writing of the effective date of any increase which it approves. However, the Contractor shall fill all purchase orders received prior to the effective date of the price adjustment at the old contract prices. "Across the board" price decreases are subject to implementation at any time and shall be immediately conveyed to the Commonwealth. The Contractor is further advised that decreases which affect the cost of materials are required to be communicated immediately to the purchasing office.

- 12. TRANSPORTATION CHARGE (FUEL) Price Escalation Deescalation:** The Pricing Schedule contains a Line at the end of each Zone and/or Lot within a zone for Transportation Charge (fuel surcharge) per delivery. This cost may be added to each delivery made to an end user.

For the reported diesel fuel pricing information, please see the U.S. Department of Energy's National U.S. Average On Highway Diesel Fuel Prices, which is available in PDF format. To view this file, you will need the Adobe Reader or plug-in.

http://tonto.eia.doe.gov/dnav/pet/pet_pri_gnd_a_epd2d_pte_cpgal_m.htm

At the site for **PRODUCT** choose Diesel: All types. For **PERIOD** choose Monthly. The Commonwealth will use Lower Atlantic (PADD 1C) as the index area for this contract.

After the contract has been in effect for 60 days the Contractor will be allowed to adjust the transportation charge monthly by the percentage change in the chart. All decreases in the diesel fuel index which affect the cost of diesel shall be given to the end user. **The Contractor shall provide written (email, fax, or letter) documentation to the Contracting Officer and each affected End User each month a change is incorporated which will verify that the fuel surcharge increase/decrease for the month is based on the actual increase/decrease from the bid base price.** Adjustments shall be shown as \$ (currency) adjustment based on the percentage increase/decrease.

Contractor's changes to the surcharge will be effective on the first Monday of each month and will take into consideration the lag in the reporting. For example the surcharge for January 2008 is based on the November 2007 National U.S. Average On Highway Diesel Fuel Price.

Definition of On-Highway Diesel: Includes sales for use in motor vehicles. For purposes of this survey, it is designed to estimate the retail cash price of self-serve, motor vehicle diesel fuel. Price Adjustments Fuel increases for which the end user and the Contract Officer have not been notified will not be paid.

- 13. MINIMUM ORDERS:** Minimum orders will be \$100 for F.O.B. delivery to ordering agency within the Commonwealth of Virginia. For orders of less than \$100 the Contractor will be permitted to add actual transportation cost (prepaid) to invoice for payment, or the agency may purchase such orders off contract from other sources. Partial shipments of less than the minimum order value which are made at the option of the Contractor shall be made F.O.B. Destination with no transportation charges added. If at the agency's request shipments are below the minimum order value, the Contractor may add actual transportation cost to invoice for payment.
Zone 98 Lot B, C, and D VCU Academic and Medical Center campuses shall be exempt from this section.

- 14. ANNUAL INVENTORY REPORT:** The contractor shall take a cylinder inventory at the end of the contract year and furnish the end users and the contract officer with the inventory report.

- 15. NON-GAS ITEMS** such as carts, valves, regulators, etc. are not covered by this contract.

- 16. INSPECTIONS FEES AND HAZARDOUS MATERIAL HANDLING FEES:** Inspection fees, for vessels, such as those mandated by State and Federal Guidelines should be included in rental fees and shall **not** be passed on to the customers. Hazardous Material Handlings fees shall **not** be charged in addition to the rental fees.
- 17. MATERIAL SAFETY DATA SHEETS:** Material Safety Data Sheets and descriptive literature shall be readily available through such sources as the bidder's website or provided upon request by the end user
- 18. ORDER PLACEMENT/METHOD:** **ORDER PLACEMENT:** To the maximum extent possible, purchase orders shall be submitted to the contractor via the Commonwealth of Virginia's electronic procurement system, also known as eVA. The orders will be governed by this agreement and the terms and conditions contained in the separate agreement for participation in eVA executed by the contractor. **ORDERING METHODS:** The Commonwealth requires Contractor(s) to accept orders via the eVA ordering system. Contractors must also have a local Virginia telephone number, or a toll free (800) number, or agree to accept collect calls. Each Contract User is responsible for placing its own orders through eVA or suppliers' computer online system that interfaces with eVA.
- 19. DELIVERY REQUIREMENT:**
- A. Normal deliveries shall be as directed and mutually agreed with the agency and may be required twice per week for the larger users. Some agencies may require deliveries every two days and may also require inside delivery to several locations.
 - B. Emergency deliveries shall be made within 18 hours of agency notice; except as otherwise noted in Paragraph D **Department of Forensic Science & E Zone 98 Lot B & Lot C VCU Academic and Medical Center Requirements in the original solicitation**
 - C. The contractor will be responsible for refilling any agency/institution owned cylinder/tank and notifying the end user within 24 hours should any malfunction be observed.
- 20. Mandatory Acceptance of Small Purchase Charge Card:** Purchasing charge cards offer State agencies and Institutions the opportunity to streamline their procedures for procuring and paying for small dollar goods and services. Vendors responding to this solicitation should note that acceptance of payment by purchase card is **mandatory (unless waived by DPS) within 90 days of contract award.** For current contracts where acceptance of the purchasing card is not in effect, **Contractors must (unless waived by DPS) accept purchase card payments within 90 days of contract renewal.**

Payment for orders issued against the contract(s) resulting from this solicitation must allow for the Purchase Order Number to be passed at the time of charge so that the Purchase Order Number is received by the card platform and passed to the Card provider. This can be accomplished by vendors establishing their card account at **Level 2, which is mandatory or Level 3 which is optional.** Information on the various levels for the GE MasterCard is indicated below.

Charge Card Levels:

The amount of data passed for each charge card payment depends on the level at which the charge card is established. The levels are delineated below and the preferred level by the Commonwealth is level 2.

Level 1 vendors provide basic credit card purchase information, including but not limited to the data listed below. By passing "Basic Data", the vendor has a standard interchange cost.

- Supplier Name
- Merchant Category Code
- Date
- Total Purchase Amount

Level 2 vendors provide additional information to the Level 1 elements, including, but not limited to the data listed below. By passing level 2 detail, the vendor will receive lower interchange costs. Level 2 is **mandatory** for any vendors who do business with the Commonwealth of Virginia and accept GE MasterCard.

- Customer Code (PCO Number from eVA)
- Vendor Tax ID

Level 3 vendors provide line item detail, in addition to the Level 1 and Level 2 elements, including, but not limited to the data listed below. By passing Level 3 (**which is optional**) data which is considered Superior data, the vendor will receive the lowest interchange costs.

- Item Description
- Item Quantity
- Item Unit of Measure
- Product Code
- Freight Amount
- Extended line Item Amount

| DUNS Number & Zones: | Name/Address | Contact Person | Telephone & Fax Number |
|--|--|---|--|
| DUNS 2812691 Zone #97 Lot B | Arcet (S) 1700 Chamberlayne Ave. Richmond VA 23222 | Greg Groome ggroome@arcet.com | 804-644-4521 (P) 804-788-8904 (F) |
| DUNS 60-660-1136 Zone 99 Zone 101 Zone 106 | Airgas East 5 Rodney Lane Fredericksburg, VA 22405 Alexandria, VA 940 S High St. Harrisonburg VA 22801 630 Nalor Mill Rd. Salisbury MD 21801 | Tim Mitchell Timothy.mitchell@airgas.com Tim Mitchell Tim Wertz | 540-373-1782 (P) 804-399-7182 (c) 540-899-9594 (F) 540-433-1029 (P) 804-399-7182 (c) 540-433-7658 (F) 410-742-3800 (P) 410-726-4672 (c) 410-742-1674 (F) |
| DUNS 02-366-6555 Zone 105 DUNS 07-453-3928 | Airgas Mid America 1500 Fairmount Avenue Bristol, VA 24201 Airgas Mid America 1620 Coal Heritage Road Bluefield, WV 24701 | Steve Helton steve.helton@airgas.com Robert Lester robert.lester@airgas.com | 276-669-3161 (P) 276-669-6883 (F) 304-327-6147 (P) 304-325-9662 (F) |
| Zone103 DUNS 09-052-4674 DUNS 10-390-4822 | Airgas Mid America 3520 Mayflower Lynchburg, VA 24501 Airgas Mid America 1455 Mexico Way Roanoke, VA 24012 | William King william.king@airgas.com Barry Cumbie barry.cumbie@airgas.com | 434-528-2780 (P) 434-528-2787 (F) 540-342-9911 (P) 540-345-1822 (F) |
| Tax ID 560503794 Zone 97 Lot A | Airgas National Welders (dba) National Welders 3121 Victory Blvd. Portsmouth VA 23702 406 Rotary Street Hampton VA 23661 | Bobby Brown Tim McDonald | 757-487-4922 (P) 757-487-577- (F) 757-262-1530 (P) 757-262-1531 (F) |
| Tax ID 560503794 Zone 98 Lot A-1 Zone 98 Lot A-2 Zone 98 Lot B Zone 98 Lot E-1 Zone 98 Lot E-2 | Airgas National Welders (dba) National Welders 1600 Barlow Lane Richmond VA 23223 Medical Gas Product Manager Specialty Gas Manager | Bill Gilmer Dwayne Cundiff Scott Spiers Scott Spiers | 804-649-3381 (P) 804-649-0619 (F) 804-356-1890 (c) 804-356-1890 (c) |
| DUNS 80-846-1896 Zone 97 Lot C Zone 98 Lot A-3 Zone 98 Lot C Zone 98 Lot D Zone 98 Lot E-3 Zone 100 | GTS-Welco <u>Daily Delivery/Next Day</u> Richmond Counter 1637 Commerce Road Richmond VA 23224 <u>After Hours Orders</u> Item # 08560 & 08580 (Only) | Jim Marchant Jim_Marchant@Praxair.com | 804-231-1191 (P) 804-231-1193 (P) 804-239-6512 (c) 804-230-3617 (F) 800-942-1148 |

| | | | | |
|--|-------------------------------------|---|---------------|--------------------------------------|
| | DUNS 04-264-6877 Zone 100 | Roberts Oxygen Co. Inc. 17011 Railroad Street Gaithersburg, MD 20877 | Reggie Wright | 800-626-3433 (P) 301-948-2465 (F) |
| | DUNS 04-264-6877 Zone 102 | Roberts Oxygen Co. Inc. 2117 North Hamilton Street Richmond VA 23230 | David Graham | 804-353-1355 (P) 804-353-0892 (F) |
| | DUNS 04-264-6877 Zone 104 | Roberts Oxygen Co. Inc. 716 N. Bath Avenue Waynesboro, VA 22980 | Rob Mayfield | 540-949-7178 (P) 540-943-2148 (F) |
| | | | | |

ZONE # 105

COUNTIES

Bland
Buchanan
Dickenson
Grayson
Lee
Russell
Scott
Smyth
Tazewell
Washington
Wise
Wythe

CITIES

Bristol
Norton

AGENCY

Southwestern Virginia Mental Health Inst.
Pocahontas Correctional Center
Bland Correctional Center
Tazewell Correctional Unit 31
Wise Correctional Unit
Southwest VA Community College
Wytheville Community College
Keen Mountain Correctional Center
Appalachian Correctional Unit

ZONE # 104

COUNTIES

Carroll
Craig
Floyd
Franklin
Giles
Henry
Montgomery
Patrick
Pulaski
Roanoke

CITIES

Galax
Martinsville
Radford
Roanoke
Salem

AGENCY

Catawba Hospital
Dept. of Forensic Science/Western Reg. Lab
VPI
VDOT
VACOC

ZONE # 103

COUNTIES

Alleghany
Amherst
Appomattox
Bath
Bedford
Boutetourt
Campbell
Pittsylvania
Rockbridge

CITIES

Bedford
Buena Vista
Clifton Forge
Covington
Danville
Lexington
Lynchburg

AGENCY

Central Virginia Training Center

ZONE # 102

COUNTIES

Amelia
Brunswick
Buckingham
Charlotte
Cumberland
Greensville
Halifax
Lunenburg
Mecklenburg
Nottoway
Prince Edward

CITIES

Emporia
South Boston

AGENCY

Piedmont Geriatric Hospital
Dillwyn Correctional Center
Buckingham Correctional Center

ZONE # 97 Lot A

COUNTIES

Isle of Wight
Surry
Sussex
Southampton

CITIES

Chesapeake
Franklin
Norfolk
Portsmouth
Suffolk
Virginia Beach
Hampton
Newport News
Poquoson
Williamsburg

AGENCY

Dept. of Forensic Science /Eastern Reg. Lab.
ODU
St. Brides Correctional Center
Indian Creek Correctional Center

James City
York

Christopher Newport University
Eastern State Hospital
College of William & Mary

ZONE # 97 Lot B

Old Dominion University

ZONE # 97 Lot C

College of William & Mary

ZONE # 101

COUNTIES

Albemarle
Augusta
Fluvanna
Greene
Highland
Louisa
Nelson
Rockingham

CITIES

Charlottesville
Harrisonburg
Staunton
Waynesboro

AGENCY

Western State Hospital
James Madison University
Blue Ridge Community College
DEQ/Surface Water Investigations
Woodrow Wilson Rehab Center

ZONE # 106

COUNTIES

Accomack
Northampton

CITIES

AGENCY

State agencies and other public bodies

ZONE # 99

COUNTIES

Caroline
Culpeper
Essex
Gloucester
King and Queen
King George
Lancaster
Madison
Mathews
Middlesex
Northumberland
Orange
Richmond
Spotsylvania
Stafford
Westmoreland

CITIES

Fredericksburg

AGENCY

Mary Washington College

ZONE # 100

COUNTIES

Arlington
Clarke
Fairfax
Fauquier
Frederick
Loudoun
Page
Prince William
Rappahannock
Shenandoah
Warren

CITIES

Alexandria
Fairfax
Falls Church
Leesburg
Manassas
Manassas Park
Winchester

AGENCY

Dept. of Forensic Science–Northern Reg. Lab
VPI Equine Medical Center

ZONE # 98 Lot A-1

COUNTIES

Charles City
Chesterfield
Dinwiddie
Goochland
Hanover
Henrico
King William
New Kent
Powhatan

CITIES

Colonial Heights
Hopewell
Petersburg
Richmond

AGENCY

Hiram Davis Medical Center
James River Correctional Center
Dept. of Forensic Science/Central Lab.
Dept Environmental Quality
DEQ/Air Quality Monitoring
Dept. of Aviation
DGS/Div of Consolidated Lab
John Tyler Community College
Prince George

ZONE # 98 Lot A-2

DGS/Div of Consolidated Lab

ZONE # 98 Lot A-3

DGS/Div of Consolidated Lab

ZONE # 98 Lot B

Virginia Commonwealth University
Richmond, Virginia

- (1) Academic Campus
- (2) Medical Campus

ZONE # 98 Lot C

Virginia Commonwealth University
Richmond, Virginia
(2) Medical Campus

ZONE # 98 Lot D

Virginia Commonwealth University
Richmond, Virginia
(2) Medical Campus

Zone 98 Protocol Gases Lot E -1 Working Gases Lot E-2 Lot E-3 LN 2

DEQ -Office of Air Quality Monitoring
Richmond VA

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| | | |
|-----------------|---|--------------------------|
| | Gases: Medical, Laboratory, Welding and Protocol | Change # 3 in RED |
| Item No. | DESCRIPTION | Price Per Unit |
| | ZONE #105 | |
| | Airgas Mid America | |
| | GASES, MEDICAL & LABORATORY Southwestern Virginia Mental Health Inst. 502 East Main Street Marion, VA 24354 Mr. Don Chisler Phone: (540) 783-1221 Ms. Shirley Williams, Purchasing Phone: (540) 783-1221 | |
| 00020 | Oxygen, Size T USP Cost/CYL \$6.95 Capacity/CYL. 282 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # OX-USP300 | \$0.02063/CU.FT. |
| 00040 | Monthly Rental Rate | \$3.00/MO |
| 00060 | Oxygen, Size E USP Cost/CYL \$6.08 Capacity/CYL. 25 cf Purchase Cost for Empty CYL \$91.087 Brand - Airgas Product # OX-USPE | \$0.2433/CU.FT. |
| 00080 | Monthly Rental Rate | \$3.00/MO |
| | GASES, MEDICAL & LABORATORY ZONE # 105 Pocahontas Correctional Center 920 Old River Road Pocahontas VA 24635 Vivian Fanning 276-945-9173, ext 6221 | |
| 00100 | CO2 mix 75%CO2 25% Argon Cost/CYL \$20.97 Capacity/CYL. 300 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # AR-CD25300 | \$0.05576/CU.FT. |
| 00120 | Monthly Rental Rate | \$3.00/MO |
| 00140 | Nitrogen, Ultra High Purity 99.999% Cost/CYL \$46.62 Capacity/CYL. 300 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # NI-UHP300 | \$0.1554/CU.FT. |
| 00160 | Monthly Rental Rate | \$3.00/MO |
| 00170 | Oxygen, Size E USP Cost/CYL \$6.08 Capacity/CYL. 25 cf Purchase Cost for Empty CYL \$91.087 Brand - Airgas Product # OX-USPE | \$0.2433/CU.FT. |
| 00175 | Monthly Rental Rate | \$3.00/MO |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|--------------------------------|
| | GASES, WELDING Zone #105 All State Agencies and Other Public Bodies Within Zone 105 are authorized to purchase Welding Gases noted below (Items 00180- 00680). | |
| 00180 | Oxygen Cost/CYL \$5.98 Capacity/CYL. 300 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # OX-300 | <u>\$0.0177/CU.FT.</u> |
| 00200 | Monthly Rental Rate | \$3.00/MO |
| 00220 | Acetylene Cost/CYL \$19.08 Capacity/CYL. 300 cf Purchase Cost for Empty CYL \$312.21 Brand - Airgas Product # AC-5CL | <u>\$0.05778/CU.FT.</u> |
| 00240 | Monthly Rental Rate | \$3.00/MO |
| 00260 | Argon Cost/CYL \$22.43 Capacity/CYL. 336 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # AR-300 | <u>\$0.0668/CU.FT.</u> |
| 00280 | Monthly Rental Rate | \$3.00/MO |
| 00300 | Acetylene Size B Cost/CYL \$10.47 Capacity/CYL. 32 cf Purchase Cost for Empty CYL \$104.287 Brand - Airgas Product # AC-B | <u>\$0.2618/CU.FT.</u> |
| 00320 | Monthly Rental Rate | \$3.00/MO |
| 00340 | Oxygen Size B Cost/CYL \$2.44 Capacity/CYL. 40 cf Purchase Cost for Empty CYL \$104.287 Brand - Airgas Product # OX-40 | <u>\$0.0611/CU.FT.</u> |
| 00360 | Monthly Rental Rate | \$3.00/MO |
| 00380 | Acetylene, Size 4 CGA 510 Cost/CYL \$19.07 Capacity/CYL. 132cf Purchase Cost for Empty CYL \$184.462 Brand - Airgas Product # AC-4CL | <u>\$0.14448/CU.FT.</u> |
| 00400 | Monthly Rental Rate | \$3.00/MO |
| 00420 | Helium- Industrial Grade Cost/CYL \$49.84 Capacity/CYL. 125 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # HE-300 | <u>\$0.3988/CU.FT.</u> |
| 00440 | Monthly Rental Rate | \$3.00/MO |
| 00460 | Nitrogen - Industrial Grade Cost/CYL \$3.41 Capacity/CYL. 125 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # NI-300 | <u>\$0.02724/CU.FT.</u> |
| 00480 | Monthly Rental Rate | \$3.00/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-------------------------|
| 00500 | Acetylene, Size 4 CGA 510 Cost/CYL \$19.07 Capacity/CYL. 132 cf Purchase Cost for Empty CYL \$184.462 Brand Airgas Product # AC4 | \$0.14448/CU.FT. |
| 00520 | Monthly Rental Rate | \$3.00/MO |
| 00540 | Acetylene, Size B Cost/CYL \$4.01 Capacity/CYL. 40 cf Purchase Cost for Empty CYL \$104.287 Brand - Airgas Product # AC-B | \$0.1003/CU.FT. |
| 00560 | Monthly Rental Rate | \$3.00/MO |
| 00580 | Oxygen Industrial Cost/CYL \$5.06 Capacity/CYL. 200 cf Purchase Cost for Empty CYL \$279.675 Brand - Airgas Product # OX-200 | \$0.0201/CU.FT. |
| 00600 | Monthly Rental Rate | \$3.00/MO |
| 00620 | Oxygen Industrial Cost/CYL \$6.78 Capacity/CYL. 300 cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # OX-300 | \$0.02003/CU.FT. |
| 00640 | Monthly Rental Rate | \$3.00/MO |
| 00660 | Carbon Dioxide - CGA 320 Cost/CYL \$13.05 Capacity/CYL. 64 LB. Purchase Cost for Empty CYL \$127.47 Brand - Airgas Product # CD-50 | \$0.2039/LB. |
| 00680 | Monthly Rental Rate | \$3.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$15.00 |
| | | |
| | ZONE #104 | |
| | Robert's Oxygen | |
| | GASES, MEDICAL & LABORATORY Catawba Hospital 5525 Catawba Hospital Drive Catawba, VA 24070 Ms. Robyn Wright, CPPB, VCO Phone: (540) 375-4360 | |
| 00700 | Nitrogen, NF Cost/CYL. \$6.08 Capacity/CYL. 304 cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R103G3 | \$0.020/CU.FT. |
| 00720 | Monthly Rental Fee | \$5.00/MO |
| 00740 | Oxygen, USP Cost/CYL. \$5.64 Capacity/CYL. 282 cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R5 | \$0.020/CU.FT. |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-----------------------|
| 00760 | Monthly Rental Fee | \$5.00/MO |
| 00780 | Oxygen, Size E USP Cost/CYL. \$2.50 Capacity/CYL. <u>25</u> cf Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R13 | \$0.010/CU.FT. |
| 00800 | Monthly Rental Rate | \$4.00/MO |
| | Zone #104 Dept. of Forensic Science/Western Laboratory 6600 Northside High School Road Roanoke, VA 24019 Ms. Sandra Goad Phone: (540) 561-6600 | |
| 00820 | Compressed Air, Medical Breathing, 99.5 Cost/CYL. \$6.39 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R61 | \$0.0213/CU.FT. |
| 00840 | Monthly Rental Rate | \$5.00/MO |
| 00860 | Compressed Air, Grade "Zero" UHP Cost/CYL. \$26.10 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R106B3 | \$0.08700/CU.FT. |
| 00880 | Monthly Rental Rate | \$5.00/MO |
| 00900 | Nitrogen, UPC Grade, 99.999% Cost/CYL. \$21.50 Capacity/CYL. <u>255</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R104A3 | \$0.0843/CU.FT. |
| 00920 | Monthly Rental Rate | \$5.00/MO |
| 00940 | Hydrogen, High Purity Grade 99.9%. Cost/CYL. \$14.325 Capacity/CYL. <u>191</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R70 | \$0.075/CU.FT. |
| 00960 | Monthly Rental Rate | \$5.00/MO |
| 00980 | Helium, High Purity Grade 99.995%, Cost/CYL. \$56.94 Capacity/CYL. <u>219</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R102F2 | \$0.26/CU.FT. |
| 01000 | Monthly Rental Rate | \$5.00/MO |
| 01020 | Helium, Research Grade 99.9999% Cost/CYL. \$203.70 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product #MS121371018 | \$0.70/CU.FT. |
| 01040 | Monthly Rental Rate | \$5.00/MO |
| 01060 | Liquid Nitrogen, Low Pressure, Cost/CYL. \$35.00 Capacity/CYL. <u>3640</u> cf Purchase Cost for Empty CYL \$1,812.50 Brand - Roberts Oxygen Product # RLN160 | \$0.0096/CU.FT. |
| 01080 | Monthly Rental Rate | \$35.00/MO |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-----------------------|
| | Zone #104 Virginia Polytechnic Institute College Veterinary Medicine Blacksburg, VA 24061 Ms. Deanna McCrudden Phone: (540) 231-4621 | |
| 01100 | Oxygen, Size G. USP Cost/CYL. \$5.64 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R5 | \$0.020/CU.FT. |
| 01120 | Monthly Rental Rate | \$5.00/MO |
| 01140 | Oxygen, Size E, USP Cost/CYL. \$2.50 Capacity/CYL. <u>25</u> cf Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R13 | \$0.10/CU.FT. |
| 01160 | Monthly Rental Rate | \$4.00/MO |
| 01180 | Nitrous Oxide, Size E, USP Cost/CYL. \$19.68 Capacity/CYL. <u>6.56</u> LB Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R48 | \$3.00/LB |
| 01200 | Monthly Rental Rate | \$4.00/MO |
| 01220 | Carbon Dioxide (CO2) USP Cost/CYL. \$5.50 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$156.25 Brand - Roberts Oxygen Product # R25 | \$0.11/CU.FT. |
| 01240 | Monthly Rental Rate | \$5.00/MO |
| 01260 | Nitrogen NF Cost/CYL. \$6.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R103G3 | \$0.020/CU.FT. |
| 01280 | Monthly Rental Rate | \$5.00/MO |
| | GASES, WELDING Zone #104 Virginia Dept. of Transportation Salem District 731 Harrrison Avenue Salem, VA 24153 Mr. Russell Beckner Phone: (540) 387-5336 | |
| 01300 | Oxygen, Refill Only | \$0.10/CU.FT. |
| 01320 | Acetylene, Refill Only | \$0.40/CU.FT. |
| 01340 | Optional: Hydro Test | \$20.00/EA |
| 01360 | Optional: Valve Test | \$15.00/EA |
| | GASES, WELDING Zone #104 All State Agencies and Other Public Bodies Within Zone 104 are authorized to purchase Welding Gases noted below (Items 01380- 02040 | |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-----------------------|
| 01380 | Oxygen Cost/CYL. \$5.64 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R0 | \$0.02/CU.FT. |
| 01400 | Monthly Rental Rate | \$5.00/MO |
| 01420 | Acetylene Cost/CYL. \$75.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$227.97 Brand - Roberts Oxygen Product # R4 | \$0.25/CU.FT. |
| 01440 | Monthly Rental Rate | \$5.00/MO |
| 01460 | Helium Cost/CYL. \$56.94 Capacity/CYL. <u>219</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R58 | \$0.26/CU.FT. |
| 01480 | Monthly Rental Rate | \$5.00/MO |
| 01500 | Argon - Industrial Grade Cost/CYL. \$18.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R40 | \$0.06/CU.FT. |
| 01520 | Monthly Rental Rate | \$5.00/MO |
| 01540 | Argon/CD 75/25 CGA 580 Cost/CYL. \$18.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R140 | \$0.06/CU.FT. |
| 01560 | Monthly Rental Rate | \$5.00/MO |
| 01580 | Acetylene, Size 4 CGA 510 Cost/CYL. \$33.00 Capacity/CYL. <u>132</u> cf Purchase Cost for Empty CYL \$160.98 Brand - Roberts Oxygen Product # R3P | \$0.25/CU.FT. |
| 01600 | Monthly Rental Rate | \$5.00/MO |
| 01620 | Acetylene, Size 5 CGA 510 Cost/CYL. \$36.25 Capacity/CYL. <u>145</u> cf Purchase Cost for Empty CYL \$160.98 Brand - Roberts Oxygen Product # R3P | \$0.25/CU.FT. |
| 01640 | Monthly Rental Rate | \$5.00/MO |
| 01660 | Acetylene, Size B Cost/CYL. \$16.00 Capacity/CYL. <u>40</u> cf Purchase Cost for Empty CYL \$62.00 Brand - Roberts Oxygen Product # R9 | \$0.40/CU.FT. |
| 01680 | Monthly Rental Rate | \$5.00/MO |
| 01700 | Argon/CD 75/25 CGA 580 Cost/CYL. \$8.00 Capacity/CYL. <u>80</u> cf Purchase Cost for Empty CYL \$114.30 Brand - Roberts Oxygen Product # R141 | \$0.10/CU.FT. |
| 01720 | Monthly Rental Rate | \$5.00/MO |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-----------------------|
| 01740 | Nitrogen - Industrial Grade Cost/CYL. \$4.00 Capacity/CYL. <u>200</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R31 | \$0.20/CU.FT. |
| 01760 | Monthly Rental Rate | \$5.00/MO |
| 01780 | Nitrogen - Industrial Grade Cost/CYL. \$6.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R34 | \$0.20/CU.FT. |
| 01800 | Monthly Rental Rate | \$5.00/MO |
| 01820 | Oxygen Industrial Cost/CYL. \$6.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R0 | \$0.20/CU.FT. |
| 01840 | Monthly Rental Rate | \$5.00/MO |
| 01860 | Oxygen Industrial Cost/CYL. \$4.00 Capacity/CYL. <u>200</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R0 | \$0.20/CU.FT. |
| 01880 | Monthly Rental Rate | \$5.00/MO |
| 01900 | Oxygen Industrial Cost/CYL. \$3.00 Capacity/CYL. <u>150</u> cf Purchase Cost for Empty CYL \$149.23 Brand - Roberts Oxygen Product # R1 | \$0.20/CU.FT. |
| 01920 | Monthly Rental Rate | \$5.00/MO |
| 01940 | Oxygen Industrial Cost/CYL. \$3.00 Capacity/CYL. <u>20</u> cf Purchase Cost for Empty CYL \$65.00 Brand - Roberts Oxygen Product # R16 | \$0.15/CU.FT. |
| 01960 | Monthly Rental Rate | \$5.00/MO |
| 01980 | Carbon Dioxide with Dip Tube (siphon) Cost/CYL. \$7.04 Capacity/CYL. <u>64</u> LB Purchase Cost for Empty CYL \$156.25 Brand - Roberts Oxygen Product # R24 | \$0.11/LB |
| 02000 | Monthly Rental Rate | \$5.00/MO |
| 02020 | Acetylene MC Cost/CYL. \$9.50 Capacity/CYL. <u>10</u> cf Purchase Cost for Empty CYL \$43.20 Brand - Roberts Oxygen Product # R10 | \$0.95/CU.FT. |
| 02040 | Monthly Rental Rate | \$5.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$19.00 |
| | | |
| | ZONE #103 | |
| | Airgas Mid America | |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------------|
| | GASES, MEDICAL & LABORATORY Central Virginia Training Center P.O. Box 1098 Lynchburg, VA 24504 Ms Barbara DuVal Phone: (804) 947-6314 | |
| 02060 | Oxygen, Medical USP Cost/CYL. \$87.37 Capacity/CYL. <u>256 cf</u> Purchase Cost for Empty CYL \$279.675 Brand - Airgas Product # OX-USP200 | <u>\$0.3413/CU.FT.</u> |
| 02080 | Monthly Rental Rate | \$3.00/MO |
| 02120 | Oxygen, Medical USP Cost/CYL. \$2.43 Capacity/CYL. <u>25 cf</u> Purchase Cost for Empty CYL \$91.087 Brand - Airgas Product # CD-USPE | <u>\$0.0972/CU.FT.</u> |
| 02140 | Monthly Rental Rate | \$3.00/MO |
| 02160 | Oxygen Medical USP Cost/CYL. \$2.25 Capacity/CYL. <u>13 cf</u> Purchase Cost for Empty CYL \$70.00 Brand - Airgas Product # OX-USPD | <u>\$0.1498/CU.FT.</u> |
| 02180 | Monthly Rental Rate | \$3.00/MO |
| 02200 | Nitrous Oxide, USP E Cost/CYL. \$29.41 Capacity/CYL. <u>6.5 LB</u> Purchase Cost for Empty CYL \$91.087 Brand - Airgas Product # NS-USPE | <u>\$4.5247/LB</u> |
| 02220 | Monthly Rental Rate | \$3.00/MO |
| 02240 | Carbon Dioxide, USP Cost/CYL. \$2.33 Capacity/CYL. <u>7 LBS</u> Purchase Cost for Empty CYL \$91.087 Brand - Airgas Product # CD-USPE | <u>\$0.3332/LB.</u> |
| 02260 | Monthly Rental Rate | \$3.00/MO |
| 02280 | Nitrogen, NF Cost/CYL. \$2.28 Capacity/CYL. <u>25 cf</u> Purchase Cost for Empty CYL \$75.00 Brand - Airgas Product # NI-NF20 | <u>\$0.1272/CU.FT.</u> |
| 02300 | Monthly Rental Rate | \$3.00/MO |
| 02320 | Oxygen, Liquid, 4500 CU. FT. Cost/CYL. \$44.032 Capacity/CYL. <u>160 L</u> Purchase Cost for Empty CYL \$2,930.00 Brand - Airgas Product # OX-160LT230 | <u>\$0.0096/LITRE</u> |
| 02340 | Monthly Rental Rate | \$37.50/MO |
| 02360 | Oxygen, Standard grade Cost/CYL. \$3.5404 Capacity/CYL. <u>141 cf</u> Purchase Cost for Empty CYL \$219.06 Brand - Airgas Product # OX-150 | <u>\$0.0225/CU.FT.</u> |
| 02380 | Monthly Rental Rate | \$3.00/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|--|-------------------------|
| | GASES, WELDING Zone # 103 All State Agencies and Other Public Bodies Within Zone 103 are authorized to purchase Welding Gases noted below (Items 02400- 02560). | |
| 02400 | Oxygen, Standard grade Cost/CYL. \$5.98 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # OX-300 | \$0.0177/CU.FT. |
| 02420 | Monthly Rental Rate | \$3.00/MO |
| 02460 | Acetylene, # 4 Cost/CYL. \$19.08 Capacity/CYL. <u>132</u> cf Purchase Cost for Empty CYL \$184.462 Brand - Airgas Product # AC-4CL | \$0.14448/CU.FT. |
| 02480 | Monthly Rental Rate | \$3.00/MO |
| 02500 | Argon, Standard grade Cost/CYL. \$22.43 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # AR-300 | \$0.06678/CU.FT. |
| 02520 | Monthly Rental Rate | \$3.00/MO |
| 02540 | Argon/CO2, 75/25 Cost/CYL. \$21.75 Capacity/CYL. <u>390</u> cf Purchase Cost for Empty CYL \$318.615 Brand - Airgas Product # AR-CD25300 | \$0.05576/CU.FT. |
| 02560 | Monthly Rental Rate | \$3.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$15.00 |
| | Zone # 102 | |
| | Robert's Oxygen | |
| | GASES, MEDICAL & LABORATORY Piedmont Geriatric Hospital Burkeville, Virginia 23922 Mr. H. Eugene Overton Phone: (804) 767-4401 | |
| 02580 | Oxygen, Cylinder Size E USP Cost/CYL. \$2.30 Capacity/CYL. <u>23</u> cf Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R13 | \$0.10/CU.FT. |
| 02600 | Monthly Rental Rate | \$4.00/MO |
| 02620 | Oxygen, Cylinder Size G USP Cost/CYL. \$4.00 Capacity/CYL. <u>200</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R5 | \$0.0200/CU.FT. |
| 02640 | Monthly Rental Rate | \$5.00/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|-----------------|
| | GASES, MEDICAL & LABORATORY ZONE # 102 Dillwyn Correctional Center 1522 Prison Road Dillwyn VA 23936 Phone (434) 983-4200 ext 4881 | |
| 02660 | Oxygen, Cylinder Size E USP Cost/CYL. \$2.30 Capacity/CYL. <u>23</u> cf Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R13 | \$0.10/CU.FT. |
| 02680 | Monthly Rental Rate | \$4.00/MO |
| 02700 | Oxygen, Cylinder Size D USP Cost/CYL. \$2.80 Capacity/CYL. <u>14</u> cf Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R12 | \$0.20/CU.FT. |
| 02720 | Monthly Rental Rate | \$4.00/MO |
| | GASES, WELDING Zone #102 All State Agencies and Other Public Bodies Within Zone 102 are authorized to purchase Welding gases noted below (item 02740-02880). | |
| | Buckingham Correctional Center (user) Route 20 N Dillwyn, VA 23936 Ms. Becky Shumaker Phone: (434) 391-5980 | |
| 02740 | Oxygen Cost/CYL. \$5.64 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R0 | \$0.020/CU.FT. |
| 02760 | Monthly Rental Rate | \$5.00/MO |
| 02780 | Acetylene Cost/CYL. \$75.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$227.97 Brand - Roberts Oxygen Product # R4 | \$0.2500/CU.FT. |
| 02800 | Monthly Rental Rate | \$5.00/MO |
| 02820 | Argon, Size 300 CU. FT. Cost/CYL. \$20.16 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R40 | \$0.06/CU.FT. |
| 02840 | Monthly Rental Rate | \$5.00/MO |
| 02860 | Carbon Dioxide CO2 Cost/CYL. \$5.50 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$156.25 Brand - Roberts Oxygen Product # R22 | \$0.11/LB. |
| 02880 | Monthly Rental Rate | \$5.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$19.00 |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-------------------------|
| | Zone # 97 Lot A | |
| | Airgas National Welders | |
| | GASES, MEDICAL & LABORATORY Dept. of Forensic Science, Eastern Laboratory 830 Southampton Ave., Suite 400 Norfolk, VA 23510-1028 Ms. Mary Anne Gaskins Phone: (757) 683-8327 | |
| 02900 | Compress Air, Medical Breathing, Grade D Cost/CYL. \$6.37 Capacity/CYL. <u>234</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MBAG | \$0.02724/CU.FT. |
| 02920 | Monthly Rental Rate | \$4.50/MO |
| 02940 | Nitrogen, UPC 99.9999% Cost/CYL. \$63.60 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 475041 | \$0.212/CU.FT. |
| 02960 | Monthly Rental Rate | \$4.50/MO |
| 02980 | Compressed Air, Grade "Zero", UHP Cost/CYL. \$34.94 Capacity/CYL. <u>311</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 020341 | \$0.112/CU.FT. |
| 03000 | Monthly Rental Rate | \$4.50/MO |
| 03200 | Helium, High Purity Grade 99.995% Cost/CYL. \$38.30 Capacity/CYL. <u>219</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HE200 | \$0.1696/CU.FT. |
| 03220 | Monthly Rental Rate | \$4.50/MO |
| 03240 | Helium, Research Grade 99.9999% Cost/CYL. \$163.48 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 326041 | \$0.5618/CU.FT. |
| 03260 | Monthly Rental Rate | \$4.50/MO |
| 03280 | Methane 5% - Argon 95% Cost/CYL. \$39.21 Capacity/CYL. <u>226</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 060142 | \$0.1735/CU.FT. |
| 03300 | Monthly Rental Rate | \$4.50/MO |
| 03320 | Liquid Nitrogen, Low Pressure Cost/CYL. \$30.18 Capacity/CYL. <u>3650</u> cf Purchase Cost for Empty CYL \$1,850.00 Brand - ANW Product # LNS5HP | \$0.0083/CU.FT. |
| 03340 | Monthly Rental Rate | \$35.00/MO |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|--------------------------------|
| 03360 | Methane, Grade 99.995% Cost/CYL. \$249.81 Capacity/CYL. <u>356</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 404056 | <u>\$0.7017/CU.FT.</u> |
| 03380 | Monthly Rental Rate | \$4.50/MO |
| | Zone# 97 LOT A GASES, MEDICAL & LABORATORY Christopher Newport College 50 Shoe Lane Newport News, VA 23606-2998 Ms. Frances Parker Phone: (757) 594-7035 | |
| 03420 | Helium, High Purity, Grade 5, 99.999% Cost/CYL. \$62.56 Capacity/CYL. <u>304</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 325041 | <u>\$0.21496/CU.FT.</u> |
| 03440 | Monthly Rental Rate | \$4.50/MO |
| 03460 | Helium, Standard Grade Cost/CYL. \$55.52 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HE300 | <u>\$0.1908/CU.FT.</u> |
| 03480 | Monthly Rental Rate | \$4.50/MO |
| 03500 | Oxygen Cost/CYL. \$5.23 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | <u>\$0.0186/CU.FT.</u> |
| 03520 | Monthly Rental Rate | \$4.50/MO |
| 03540 | Oxygen Cost/CYL. \$3.71 Capacity/CYL. <u>20</u> cf Purchase Cost for Empty CYL \$100.00 Brand - ANW Product # OX20 | <u>\$0.01855/CU.FT.</u> |
| 03560 | Monthly Rental Rate | \$4.50/MO |
| | Zone # 97 LOT A GASES, MEDICAL & LABORATORY Eastern State Hospital 4601 Ironbound Road Drawer A Williamsburg, VA 23185 Mr. Jimmie S. Warren Phone: (757) 253-4292 | |
| 03580 | Oxygen, USP Size E Cost/CYL. \$3.18 Capacity/CYL. <u>25</u> CF Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MOAE | <u>\$0.1272/CU.FT.</u> |
| 03600 | Monthly Rental Rate | \$5.30/MO |
| 03620 | Oxygen Medical USP - bulk 900 Gallon Tank | <u>\$0.6572/CU.FT.</u> |
| 03640 | Monthly Rental Rate | \$2.90/MO |
| 03660 | Oxygen, USP Size B Cost/CYL. \$1.91 Capacity/CYL. <u>15</u> CF Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MOAB | <u>\$0.1272/CU.FT.</u> |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| 03680 | Monthly Rental Rate | \$5.30/MO |
| 03700 | Oxygen, USP Size G Cost/CYL. \$4.65 Capacity/CYL. <u>251</u> CF Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MO200 | \$0.01855/CU.FT. |
| 03720 | Monthly Rental Rate | \$4.50/MO |
| 03740 | Nitrous Oxide, USP Size E Cost/CYL. \$6.89 Capacity/CYL. <u>6.5</u> LB Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MNOE | \$1.06/LB. |
| 03760 | Monthly Rental Rate | \$5.30/MO |
| 03780 | Nitrous Oxide, USP Size G Cost/CYL. \$42.23 Capacity/CYL. <u>498</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MNOG | \$0.0848/CU.FT. |
| 03800 | Monthly Rental Rate | \$4.50/MO |
| 03810 | Oxygen, USP Single E with integrated valve and live contents gauge. (with built in regulator) Cost/CYL. \$3.50 Capacity/CYL. <u>25</u> cf. Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # MWBOAE | \$0.13992/CU.FT. |
| 03815 | Monthly Rental Rate | \$9.00/MO |
| | Zone # 97 LOT A GASES, WELDING All State Agencies and Other Public Bodies within Zone 97 are authorized to purchase Welding Gases noted below (Items 03820- 04080). | |
| | St Brides Correctional Center (user) 701 Sanderson Road Chesapeake 23322 | |
| | Indian Creek Correctional Center (user) 801 Sanderson Road Chesapeake 23322 | |
| 03820 | Oxygen Cost/CYL. \$3.71 Capacity/CYL. <u>20</u> CF Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # OX20 | \$0.1855/CU.FT. |
| 03840 | Monthly Rental Rate | \$4.50/MO |
| 03860 | Acetylene Cost/CYL. \$5.30 Capacity/CYL. <u>10</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # ACMC | \$0.53/CU.FT. |
| 03880 | Monthly Rental Rate | \$4.50/MO |
| 03900 | Argon Cost/CYL. \$17.81 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | \$0.053/CU.FT. |
| 03920 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| 03940 | Nitrogen Cost/CYL. \$5.64 Capacity/CYL. <u>304</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NI300 | \$0.01855/CU.FT. |
| 03960 | Monthly Rental Rate | \$4.50/MO |
| 03980 | Oxygen Cost/CYL. \$4.65 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | \$0.01855/CU.FT. |
| 04000 | Monthly Rental Rate | \$4.50/MO |
| 04020 | Acetylene Cost/CYL. \$33.77 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # AC400 | \$0.11257/CU.FT. |
| 04040 | Monthly Rental Rate | \$4.50/MO |
| 04060 | Argon Cost/CYL. \$17.81 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | \$0.053/CU.FT. |
| 04080 | Monthly Rental Rate | \$4.50/MO |
| | Zone #97 LOT A Old Dominion University 4401 Powhatan Avenue Norfolk, VA 23529-0309 Mr. Dane Davis Phone: (757) 683-3105 | |
| 04100 | Acetylene, Industrial Grade Cost/CYL. \$33.77 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # AC300 | \$0.11257/CU.FT. |
| 04120 | Monthly Rental Rate | \$4.50/MO |
| 04140 | Air Breathing, 234 CU. FT. Cost/CYL. \$4.96 Capacity/CYL. <u>234</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # BA200 | \$0.0212/CU.FT. |
| 04160 | Monthly Rental Rate | \$4.50/MO |
| 04180 | Air, Zero Grade, Size K, - 2.0 Grade, 230 CU. FT. Cost/CYL. \$30.48 Capacity/CYL. <u>230</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 020342 | \$0.1325/CU.FT. |
| 04200 | Monthly Rental Rate | \$4.50/MO |
| 04220 | Argon, Size 336 CU. FT. Cost/CYL. \$17.81 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | \$0.053/CU.FT. |
| 04240 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|--------------------------------|
| 04260 | Carbon Dioxide, Medical, USP Cost/CYL. \$8.48 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MCDG | <u>\$0.1696/LB</u> |
| 04280 | Monthly Rental Rate | \$4.50/MO |
| 04300 | Carbon Dioxide with Dip Tube Cost/CYL. \$8.48 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # CD50T | <u>\$0.1696/LB</u> |
| 04320 | Monthly Rental Rate | \$4.50/MO |
| 04340 | Helium, UPC Commercial, Cost/CYL. \$46.43 Capacity/CYL. <u>219</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HE200 | <u>\$0.212/CU.FT.</u> |
| 04360 | Monthly Rental Rate | \$4.50/MO |
| 04380 | Helium, High Purity, 99.995% Cost/CYL. \$41.79 Capacity/CYL. <u>219</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 324742 | <u>\$0.1908/CU.FT.</u> |
| 04400 | Monthly Rental Rate | \$4.50/MO |
| 04420 | Helium, UHP 99.999%, Cost/CYL. \$58.04 Capacity/CYL. <u>219</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 325042 | <u>\$0.265/CU.FT.</u> |
| 04440 | Monthly Rental Rate | \$4.50/MO |
| 04460 | Hydrogen, UHP, 99.999% Cost/CYL. \$30.72 Capacity/CYL. <u>215</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 335042 | <u>\$0.14289/CU.FT.</u> |
| 04480 | Monthly Rental Rate | \$4.50/MO |
| 04500 | Nitrogen, Industrial Grade, Cost/CYL. \$4.23 Capacity/CYL. <u>228</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NI200 | <u>\$0.01855/CU.FT.</u> |
| 04520 | Monthly Rental Rate | \$4.50/MO |
| 04540 | Nitrogen, Ultra High Grade, 99.999% Cost/CYL. \$26.57 Capacity/CYL. <u>230</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 475042 | <u>\$0.11554/CU.FT.</u> |
| 04560 | Monthly Rental Rate | \$4.50/MO |
| 04580 | Nitrogen, Dry, Cost/CYL. \$4.26 Capacity/CYL. <u>230</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NI200 | <u>\$0.01855/CU.FT.</u> |
| 04600 | Monthly Rental Rate | \$4.50/MO |

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| Item No. | DESCRIPTION | Price Per Unit |
|----------|--|--------------------------------|
| 04620 | Nitrogen, Low Pressure, Cost/CYL. \$27.85 Capacity/CYL. <u>3650</u> cf Purchase Cost for Empty CYL \$1,850.00 Brand - ANW Product # LNS45 | <u>\$0.00763/CU.FT.</u> |
| 04640 | Monthly Rental Rate | \$35.00/MO |
| 04660 | Nitrogen, Liquid, 200 Litres Cost/CYL. \$53.00 Capacity/CYL. <u>200</u> L Purchase Cost for Empty CYL \$2,250.00 Brand - ANW Product # LNMRI | <u>\$0.265/LITRE</u> |
| 04680 | Monthly Rental Rate | \$40.00/MO |
| 04700 | Nitrogen, Liquid Cost/CYL. \$0.557 Capacity/CYL. <u>30</u> cf Purchase Cost for Empty CYL \$100.00 Brand - ANW Product # LNDC | <u>\$0.01855/CU.FT.</u> |
| 04720 | Monthly Rental Rate | \$ 0 /MO |
| 04740 | Nitrous Oxide, Cost/CYL. \$48.17 Capacity/CYL. <u>64</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MNOH | <u>\$0.7526/LB</u> |
| 04760 | Monthly Rental Rate | \$4.50/MO |
| 04780 | Oxygen, Size K Cost/CYL. \$4.65 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | <u>\$0.01855/CU.FT.</u> |
| 04800 | Monthly Rental Rate | \$4.50/MO |
| 04820 | Oxygen, size 150 CU. FT Cost/CYL. \$2.65 Capacity/CYL. <u>125</u> Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # OX100 | <u>\$0.0212/CU.FT.</u> |
| 04840 | Monthly Rental Rate | \$4.50/MO |
| 04860 | Oxygen, Medical, Size E USP Cost/CYL. \$2.93 Capacity/CYL. <u>23</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MOAE | <u>\$0.1272/CU.FT.</u> |
| 04880 | Monthly Rental Rate | \$5.30/MO |
| 04900 | Oxygen, Ultra High Purity 99.999% Cost/CYL. \$41.64 Capacity/C178CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 514442 | <u>\$0.16589/CU.FT.</u> |
| 04920 | Monthly Rental Rate | \$4.50/MO |
| 04940 | P-10, Methane 10%, Argon 90% Cost/CYL. \$39.21 Capacity/CYL. <u>226</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 080242 | <u>\$0.17352/CU.FT.</u> |
| 04960 | Monthly Rental Rate | \$4.50/MO |

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| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|------------------------|
| 04980 | P-90, Argon 10% Cost/CYL. \$63.48 Capacity/CYL. <u>226</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 715821 | \$0.0281/CU.FT. |
| 05000 | Monthly Rental Rate | \$2.00/MO |
| 05020 | Nitrogen, Liquid, 148 Liters Cost/CYL. \$27.77 Capacity/CYL. <u>148</u> L Purchase Cost for Empty CYL \$1,850.00 Brand - ANW Product # LNS5HP | \$0.01876/LITRE |
| 05040 | Monthly Rental Rate | \$35.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$22.50 |
| | | |
| | Zone # 97 Lot B Old Dominion University Mr. Dane Davis Phone (757) 683-3105 | |
| | Arcet | |
| 05060 | Helium, Liquid, 100 Liters Cost/CYL. \$775.00 Capacity/CYL. <u>100</u> L Purchase Cost for Empty CYL \$3,250.00 Brand - LINDE Product # HE L100 | \$9.00/LITRE |
| 05080 | Monthly Rental Rate | \$ 0 /MO |
| | TRANSPORTATION CHARGE (FUEL) | \$50.00 |
| | | |
| | Zone # 97 - Lot C College of William and Mary Gary Hundley Senior Procurement Officer Ph. (757) 221-3956 Randy Strickland Facility Management Ph (757) 221-1584 | |
| | GTS-Welco | |
| | College of William and Mary Applied Science Dept. McGlothlin-Street Hall, Room 313 Williamsburg, VA 23187 | |
| 05100 | Helium, Liquid - <u>100</u> L University owned tank | \$8.50/LITRE |
| | College of William and Mary Physics Dept. Small Hall Rm 126, 300 Ukrop Way, Williamsburg, 23185 | |
| 05120 | Nitrogen Liquid - 3,000 gallon tank University owned tank | \$0.34/GAL. |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| | College of William and Mary Integrated Science Center 500 Landrum Drive Williamsburg, 23185 Check-in Gilbane Construction Trailer Contract Peter Levy, Gilbane Project Manager Phone 757-221-2487 | |
| 05140 | Nitrogen Liquid - 1,500 gallon tank University owned tank | \$0.34/GAL. |
| | TRANSPORTATION CHARGE (FUEL) | \$7.95 |
| | ZONE # 101 | |
| | Airgas East | |
| | GASES, MEDICAL & LABORATORY Western State Hospital Box 2500 Staunton, VA 24402-2500 Mr. Clyde Hollingsworth Phone: (540) 332-8515 | |
| 05160 | Oxygen, USP Cost/CYL. \$2.22 Capacity/CYL. <u>25 cf</u> Purchase Cost for Empty CYL \$50.00 Brand - Airgas Product # OX USPE | \$0.089/CU.FT. |
| 05180 | Monthly Rental Rate | \$2.75/MO |
| 05200 | Oxygen, Compressed, USP Cost/CYL. \$6.89 Capacity/CYL. <u>282 cf</u> Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX USP200 | \$0.02443/CU.FT. |
| 05220 | Monthly Rental Rate | \$2.75/MO |
| 05240 | Oxygen, USP Cost/CYL. \$6.36 Capacity/CYL. <u>141 cf</u> Purchase Cost for Empty CYL \$150.00 Brand - Airgas Product # OX USP150 | \$0.0451/CU.FT. |
| 05260 | Monthly Rental Rate | \$2.75/MO |
| 05280 | Oxygen, Liquid, USP Cost/CYL. \$36.04 Capacity/CYL. <u>4500 cf</u> Purchase Cost for Empty CYL \$2,250.00 Brand - Airgas Product # OX USP160LT230 | \$0.008/CU.FT. |
| 05300 | Monthly Rental Rate | \$28.95/MO |
| 05320 | Carbon Dioxide, CO2 Extra dry Cost/CYL. \$9.54 Capacity/CYL. <u>50 LB</u> Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # CD BD200 | \$0.1908/LB. |
| 05340 | Monthly Rental Rate | \$2.75/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|--------------------------------|
| | Zone #101 James Madison University South Main Street Harrisonburg, VA 22807 Ms. Carol Sweger Phone: (540) 568-3140 | |
| 05360 | Helium, Zero Grade Cost/CYL. \$64.66 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE Z300 | <u>\$0.2222</u>/CU.FT. |
| 05380 | Monthly Rental Rate | \$2.75/MO |
| 05400 | Carbon Dioxide CO2 - Extra dry Cost/CYL. \$9.54 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # CD BD200 | <u>\$0.1908</u>/LB. |
| 05420 | Monthly Rental Rate | \$2.75/MO |
| 05440 | Carbon Dioxide - CO2 Standard Grade, Cost/CYL. \$7.42 Capacity/CYL. <u>20</u> LB Purchase Cost for Empty CYL \$105.00 Brand - Airgas Product # CD 20 | <u>\$0.371</u>/LB. |
| 05460 | Monthly Rental Rate | \$2.75/MO |
| | Univ Rec Ctr - Erin Erford | |
| 05480 | Helium, Zero Grade, Cost/CYL. \$64.66 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE Z300 | <u>\$0.2222</u>/CU.FT. |
| 05500 | Monthly Rental Rate | \$2.75/MO |
| 05520 | JMU owned tank Carbon Dioxide CO2, Bulk, 400 lb Brand - Airgas Product # CD 160LT350 | <u>\$0.2650</u>/LB. |
| | Art - Karen Gerard | |
| 05540 | Acetylene # 3 Medium Cost/CYL. \$15.90 Capacity/CYL. <u>75</u> cf Purchase Cost for Empty CYL \$100.00 Brand - Airgas Product # AC 3 | <u>\$0.212</u>/CU.FT. |
| 05560 | Monthly Rental Rate | \$2.75/MO |
| 05580 | Argon Cost/CYL. \$6.89 Capacity/CYL. <u>80</u> cf Purchase Cost for Empty CYL \$120.00 Brand - Airgas Product # AR 80 | <u>\$0.08613</u>/CU.FT. |
| 05600 | Monthly Rental Rate | \$2.75/MO |
| 05620 | Argon-CO2 mixture 75/25 Cost/CYL. \$7.16 Capacity/CYL. <u>80</u> cf Purchase Cost for Empty CYL \$120.00 Brand - Airgas Product # AR CD2580 | <u>\$0.0894</u>/CU.FT. |
| 05640 | Monthly Rental Rate | \$2.75/MO |

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| Item No. | DESCRIPTION | Price Per Unit |
|--------------------------------|--|--------------------------------|
| 05660 | Argon-CO2 mixture, 75/25 Cost/CYL. \$9.81 Capacity/CYL. <u>150</u> cf Purchase Cost for Empty CYL \$150.00 Brand - Airgas Product # AR CD25150 | <u>\$0.0654/CU.FT.</u> |
| 05680 | Monthly Rental Rate | \$2.75/MO |
| 05700 | Oxygen, Standard grade Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX 200 | <u>\$0.0244/CU.FT.</u> |
| 05720 | Monthly Rental Rate | \$2.75/MO |
| 05740 | Oxygen, Standard grade Cost/CYL. \$6.36 Capacity/CYL. <u>141</u> cf Purchase Cost for Empty CYL \$150.00 Brand - Airgas Product # OX 150 | <u>\$0.04505/CU.FT.</u> |
| 05760 | Monthly Rental Rate | \$2.75/MO |
| 05780 | Argon - Standard Grade, Cost/CYL. \$15.21 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AR 300 | <u>\$0.04526/CU.FT.</u> |
| 05800 | Monthly Rental Rate | \$2.75/MO |
| Biology - Joyce Tillett | | |
| 05820 | Carbon Dioxide CO2 - Standard Grade Cost/CYL. \$9.54 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # CD 50 | <u>\$0.1908/LB.</u> |
| 05840 | Monthly Rental Rate | \$2.75/MO |
| 05860 | Nitrogen - Standard Grade Cost/CYL. \$6.36 Capacity/CYL. <u>128</u> cf Purchase Cost for Empty CYL \$150.00 Brand - Airgas Product # NI 150 | <u>\$0.0498/CU.FT.</u> |
| 05880 | Monthly Rental Rate | \$2.75/MO |
| 05900 | Nitrogen - Standard Grade Cost/CYL. \$6.89 Capacity/CYL. <u>255</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # NI 200 | <u>\$0.02702/CU.FT.</u> |
| 05920 | Monthly Rental Rate | \$2.75/MO |
| 05940 | Argon - Standard Grade Cost/CYL. \$15.21 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AR 300 | <u>\$0.04526/CU.FT.</u> |
| 05960 | Monthly Rental Rate | \$2.75/MO |
| 05980 | Helium, Standard grade Cost/CYL. \$59.36 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE 300 | <u>\$0.2039/CU.FT.</u> |
| 06000 | Monthly Rental Rate | \$2.75/MO |

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| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| 06020 | Oxygen, Medical USP Cost/CYL. \$2.23 Capacity/CYL. <u>25</u> cf Purchase Cost for Empty CYL \$50.00 Brand - Airgas Product # OX USPE | \$0.089/CU.FT. |
| 06040 | Monthly Rental Rate | \$2.75/MO |
| 06060 | Oxygen, USP Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX USP200 | \$0.02438/CU.FT. |
| 06080 | Monthly Rental Rate | \$2.75/MO |
| 06100 | JMU owned tank Liquid Nitrogen - Standard Grade Capacity/CYL. <u>240</u> cf Brand - Airgas Product # NI 240LT230 | \$0.2208 /LITRE |
| | Physics - Art Fovargue | |
| 06120 | Liquid Nitrogen - Standard Grade Cost/CYL. \$27.56 Capacity/CYL. <u>3650</u> cf Purchase Cost for Empty CYL \$2,250.00 Brand - Airgas Product # NI 160LT230 | \$0.0075/CU.FT. |
| 06140 | Monthly Rental Rate | \$24.00/MO |
| 06160 | Helium, A, Zero Grade Cost/CYL. \$64.66 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE Z300 | \$0.2222/CU.FT. |
| 06180 | Monthly Rental Rate | \$2.75/MO |
| 06200 | Oxygen, USP Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX USP200 | \$0.0244/CU.FT. |
| 06220 | Monthly Rental Rate | \$2.75/MO |
| 06240 | Argon UHP 99.999% Cost/CYL. \$18.97 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AR UHP300 | \$0.0632/CU.FT. |
| 06260 | Monthly Rental Rate | \$2.75/MO |
| 06280 | Hydrogen - Standard grade Cost/CYL. \$11.66 Capacity/CYL. <u>216</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # HY 200 | \$0.05395/CU.FT. |
| 06300 | Monthly Rental Rate | \$2.75/MO |
| 06320 | Methane compressed CP Size 2 Cost/CYL. \$50.88 Capacity/CYL. <u>100</u> c+B390f Purchase Cost for Empty CYL \$120.00 Brand - Airgas Product # ME CP80 | \$0.5088/CU.FT. |
| 06340 | Monthly Rental Rate | \$2.75/MO |
| | Chemistry - Heather Armstrong | |

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| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| 06360 | Argon, UHP Cost/CYL. \$18.97 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AR UHP300 | \$0.0633/CU.FT. |
| 06380 | Monthly Rental Rate | \$2.75/MO |
| 06400 | Oxygen- USP Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX USP200 | \$0.02443/CU.FT. |
| 06420 | Monthly Rental Rate | \$2.75/MO |
| 06440 | Breathing Air, Standard Purity Cost/CYL. \$5.30 Capacity/CYL. <u>310</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AI B300 | \$0.0171/CU.FT. |
| 06460 | Monthly Rental Rate | \$2.75/MO |
| 06480 | Acetylene - Size 4 Cost/CYL. \$25.44 Capacity/CYL. <u>132</u> cf Purchase Cost for Empty CYL \$125.00 Brand - Airgas Product # AC 4 | \$0.19271/CU.FT. |
| 06500 | Monthly Rental Rate | \$2.75/MO |
| 06520 | Air, Ultra Zero grade thc< .5ppm Purity 99.998% Cost/CYL. \$14.03 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AI Z300 | \$0.0467/CU.FT. |
| 06540 | Monthly Rental Rate | \$2.75/MO |
| 06560 | Amonia Capacity/CYL. <u>15</u> LB Purchase Cost for Empty CYL \$150.00 Brand - Airgas Product # AM AN80N705 | \$111.30/CU.FT. |
| 06580 | Monthly Rental Rate | \$2.75/MO |
| 06600 | Argon Liquid Cost/CYL. \$185.50 Capacity/CYL. <u>160</u> L Purchase Cost for Empty CYL \$2,250.00 Brand - Airgas Product # AR 160LT230 | \$1.1596/LITRE |
| 06620 | Monthly Rental Rate | \$28.95/MO |
| 06640 | Carbon Dioxide, dip tube Cost/CYL. \$9.54 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$210.00 Brand - Airgas Product # CD 50S | \$0.1908/LB |
| 06660 | Monthly Rental Rate | \$2.75/MO |
| 06680 | Carbon Dioxide, extra dry Cost/CYL. \$9.54 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # CD BD200 | \$0.1908/LB |
| 06700 | Monthly Rental Rate | \$2.75/MO |

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| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-------------------------|
| 06720 | Carbon monoxide UHP 99.999% Cost/CYL. \$263.94 Capacity/CYL. <u>175</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # CM UHP200 | \$1.508/CU.FT. |
| 06740 | Monthly Rental Rate | \$2.75/MO |
| 06760 | Helium Standard Cost/CYL. \$59.36 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE 300 | \$0.2039/CU.FT. |
| 06780 | Monthly Rental Rate | \$2.75/MO |
| 06800 | Helium, Zero grade 99.995% Purity Cost/CYL. \$64.60 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE Z300 | \$0.2155/CU.FT. |
| 06820 | Monthly Rental Rate | \$2.75/MO |
| 06840 | Helium, UPC - Carrier grade 99.9995% Cost/CYL. \$73.67 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE UPC300 | \$0.2456/CU.FT. |
| 06860 | Monthly Rental Rate | \$2.75/MO |
| 06880 | Hydrogen, Standard grade Cost/CYL. \$11.66 Capacity/CYL. <u>216</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # HY 200 | \$0.0541/CU.FT. |
| 06900 | Monthly Rental Rate | \$2.75/MO |
| 06920 | Hydrogen, UHP 99.999% purity Cost/CYL. \$16.91 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HY UHP300 | \$0.0564/CU.FT. |
| 06940 | Monthly Rental Rate | \$2.75/MO |
| 06960 | Nitrogen, UPC Carrier grade 99.9995% Cost/CYL. \$20.14 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # NI UPC300 | \$0.0671/CU.FT. |
| 06980 | Monthly Rental Rate | \$2.75/MO |
| 07000 | Nitrous Oxide, USP Cost/CYL. \$50.83 Capacity/CYL. <u>65</u> LB Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # NS USP65 | \$0.7823/LB. |
| 07020 | Monthly Rental Rate | \$2.75/MO |
| 07040 | Oxygen, UHP Cost/CYL. \$31.75 Capacity/CYL. <u>244</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX UHP200 | \$0.01301/CU.FT. |
| 07060 | Monthly Rental Rate | \$2.75/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| 07080 | Oxygen, Standard grade Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX 200 | \$0.02443/CU.FT. |
| 07100 | Monthly Rental Rate | \$2.75/MO |
| 07120 | Nitrogen - Standard Grade Cost/CYL. \$6.89 Capacity/CYL. <u>255</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # NI 200 | \$0.027/CU.FT. |
| 07140 | Monthly Rental Rate | \$2.75/MO |
| | Geology & Envir Sci - Cindy Kearns | |
| 07160 | Breathing Air, Standard Purity Cost/CYL. \$5.30 Capacity/CYL. <u>310</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AI B300 | \$0.0171/CU.FT. |
| 07180 | Monthly Rental Rate | \$2.75/MO |
| 07200 | Acetylene, Atomic Grade Cost/CYL. \$79.50 Capacity/CYL. <u>290</u> Purchase Cost for Empty CYL \$230.00 Brand - Airgas Product # AC AA5 | \$0.274/CU.FT. |
| 07220 | Monthly Rental Rate | \$2.75/MO |
| 07240 | Helium, UPC 99.9995% Cost/CYL. \$73.67 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE UPC300 | \$0.2459/CU.FT. |
| 07260 | Monthly Rental Rate | \$2.75/MO |
| | Garage - Terry Hemp | |
| 07280 | Nitrogen, UHP Cost/CYL. \$14.03 Capacity/CYL. <u>255</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # NI UHP200 | \$0.5501/CU.FT. |
| 07300 | Monthly Rental Rate | \$2.75/MO |
| 07320 | Breathing Air, Standard Purity Cost/CYL. \$5.30 Capacity/CYL. <u>310</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AI B300 | \$0.0171/CU.FT. |
| 07340 | Monthly Rental Rate | \$2.75/MO |
| 07360 | Hydrogen - Standard Grade Cost/CYL. \$11.66 Capacity/CYL. <u>199</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # HY200 | \$0.0586/CU.FT. |
| 07380 | Monthly Rental Rate | \$2.75/MO |
| 07400 | Acetylene, Atomic Grade Cost/CYL. \$79.50 Capacity/CYL. <u>290</u> cf Purchase Cost for Empty CYL \$230.00 Brand - Airgas Product # AC AA5 | \$0.2741/CU.FT. |
| 07420 | Monthly Rental Rate | \$2.75/MO |

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| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| | Animal Lab - Cheryl Talley | |
| 07440 | Carbon Dioxide - Standard Grade Cost/CYL. \$7.42 Capacity/CYL. 20 LB Purchase Cost for Empty CYL \$105.00 Brand - Airgas Product # CD 20 | \$0.371/LB. |
| 07460 | Monthly Rental Rate | \$2.75/MO |
| | Zone 101 Gases - DEQ - WRD/Surface Water Investigations, 900 Natural Resources Drive, Suite 600, Charlottesville, VA 22903 Phone (434) 293-1020 | |
| 07480 | Nitrogen, UHP 99.999% Cost/CYL. \$14.20 Capacity/CYL 244 cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # NI UHP200 | \$0.05756/CU.FT. |
| 07500 | Monthly Rental Rate | \$2.75/MO |
| | Zone #101 GASES, WELDING Blue Ridge Community College Weyers Cave, VA 24486 Mr. Roy Lilly Phone: (540) 234-9261, Ext. 265 Ms. Patty Lotts, Purchasing Phone: (540) 234-9261, Ext. 202 | |
| 07520 | Oxygen, USP Cost/CYL. \$6.89 Capacity/CYL. 282 cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX USP200 | \$0.0244/CU.FT. |
| 07540 | Monthly Rental Rate | \$2.75/MO |
| 07560 | Oxygen, USP Cost/CYL. \$2.23 Capacity/CYL. 25 cf Purchase Cost for Empty CYL \$50.00 Brand - Airgas Product # OX USPE | \$0.089/CU.FT. |
| 07580 | Monthly Rental Rate | \$2.75/MO |
| | Zone # 101 Woodrow Wilson Rehabilitation Center 28 Andrew Russell Lane Fishersville, VA 22939-1500 Carolyn Campbell Phone: 540-332- 7070 | added 8/20/2009 |
| 07585 | Oxygen, USP Cost/CYL. \$2.23 Capacity/CYL. 25 cf Purchase Cost for Empty CYL \$50.00 Brand - Airgas Product # OX USPE | \$0.089/CU.FT. |
| 07590 | Monthly Rental Rate | \$2.75/MO |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|--------------------------|
| | Oxygen, USP Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 | |
| 07595 | Brand - Airgas Product # OX USP200 | \$0.0244/CU.FT. |
| 07597 | Monthly Rental Rate | \$2.75/MO |
| | GASES, WELDING Zone #101 All State Agencies and Other Public Bodies within Zone # 101 are authorized to purchase Welding Gases noted below (Items 07600-07940). | |
| | Oxygen, Standard grade Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 | |
| 07600 | Brand - Airgas Product # OX 200 | \$0.0244/CU.FT. |
| 07620 | Monthly Rental Rate | \$2.75/MO |
| | Acetylene Cost/CYL. \$58.30 Capacity/CYL. <u>290</u> cf Purchase Cost for Empty CYL \$230.00 | |
| 07640 | Brand - Airgas Product # AC 5 | \$0.2011/CU.FT. |
| 07660 | Monthly Rental Rate | \$2.75/MO |
| | Argon Cost/CYL. \$15.21 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$220.00 | |
| 07680 | Brand - Airgas Product # AR 300 | \$0.04527/CU.FT. |
| 07700 | Monthly Rental Rate | \$2.75/MO |
| | Oxygen, USP Cost/CYL. \$2.23 Capacity/CYL. <u>25</u> cf Purchase Cost for Empty CYL \$50.00 | |
| 07720 | Brand - Airgas Product # OX USPE | \$0.089/CU.FT. |
| 07740 | Monthly Rental Rate | \$2.75/MO |
| | Carbon Dioxide, CO2 Cost/CYL. \$9.54 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$196.00 | |
| 07760 | Brand - Airgas Product # CD 50 | \$0.1908/LB |
| 07780 | Monthly Rental Rate | \$2.75/MO |
| | Helium, Standard grade Cost/CYL. \$26.50 Capacity/CYL. <u>122</u> cf Purchase Cost for Empty CYL \$150.00 | |
| 07800 | Brand - Airgas Product # HE 150 | \$0.2173/CU.FT. |
| 07820 | Monthly Rental Rate | \$2.75/MO |
| | Nitrons Oxide USP Cost/CYL. \$50.83 Capacity/CYL. <u>65</u> LB Purchase Cost for Empty CYL \$220.00 | |
| 07840 | Brand - Airgas Product # NS USP65 | \$0.7820/LB |
| 07860 | Monthly Rental Rate | \$2.75/MO |
| 07880 | Oxygen, Refill Only | \$0.02438/CU.FT. |
| 07900 | Acetylene, Refill Only | \$0.019292/CU.FT. |
| 07920 | Optional: Hydro Test | \$21.20/EA |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|------------------------|
| 07940 | Optional: Valve Test | \$16.96/EA |
| | TRANSPORTATION CHARGE (FUEL) | \$9.67 |
| | | |
| | ZONE #106 | |
| | Airgas East | |
| | GASES, WELDING All State Agencies and Other Public Bodies | |
| 07960 | Oxygen Cost/CYL. \$9.01 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX 200 | \$0.3191/CU.FT. |
| 07980 | Monthly Rental Rate | \$3.45/MO |
| 08000 | Acetylene Cost/CYL. \$63.60 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$230.00 Brand - Airgas Product # AC 5 | \$0.212/CU.FT. |
| 08020 | Monthly Rental Rate | \$3.45/MO |
| 08040 | Argon Cost/CYL. \$18.39 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AR 300 | \$0.0547/CU.FT. |
| 08060 | Monthly Rental Rate | \$3.45/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$9.67 |
| | | |
| | ZONE # 99 | |
| | Airgas East | |
| | GASES, MEDICAL & LABORATORY Mary Washington College 1301 College Avenue Fredericksburg, VA 22401-5358 Ms. Betsy Chinn, Buyer Phone: (540) 650-1228 | |
| 08080 | Acetylene, Size 4 Cost/CYL. \$48.76 Capacity/CYL. <u>250</u> cf Purchase Cost for Empty CYL \$200.00 Brand - Airgas Product # AC 4.5 | \$0.195/CU.FT. |
| 08100 | Monthly Rental Rate | \$2.75/MO |
| 08120 | Acetylene, Size 5 Cost/CYL. \$58.30 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$230.00 Brand - Airgas Product # AC 5 | \$0.1943/CU.FT. |
| 08140 | Monthly Rental Rate | \$2.75/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|--------------------------------|
| 08160 | Air, Zero Grade Cost/CYL. \$14.03 Capacity/CYL. <u>310</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # AI Z300 | <u>\$0.0453/CU.FT.</u> |
| 08180 | Monthly Rental Rate | \$2.75/MO |
| 08200 | Argon Liquid Cost/CYL. \$185.50 Capacity/CYL. <u>4300</u> cf Purchase Cost for Empty CYL \$2,250.00 Brand - Airgas Product # AR 160LT230 | <u>\$0.0431/CU.FT.</u> |
| 08220 | Monthly Rental Rate | \$28.95/MO |
| 08240 | Carbon dioxide Cost/CYL. \$9.54 Capacity/CYL. <u>50 LB.</u> Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # CD 50 | <u>\$0.1908/LB</u> |
| 08260 | Monthly Rental Rate | \$2.75/MO |
| 08280 | Helium Cost/CYL. \$59.36 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE 300 | <u>\$0.2039/CU.FT.</u> |
| 08300 | Monthly Rental Rate | \$2.75/MO |
| 08320 | Helium UHP Grade 99.999% Cost/CYL. \$66.78 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$220.00 Brand - Airgas Product # HE UHP300 | <u>\$2.294/CU.FT.</u> |
| 08340 | Monthly Rental Rate | \$2.75/MO |
| 08360 | Nitrogen Cost/CYL. \$6.89 Capacity/CYL. <u>255</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # NI 200 | <u>\$0.02702/CU.FT.</u> |
| 08380 | Monthly Rental Rate | \$2.75/MO |
| 08400 | Oxygen, USP Grade Cost/CYL. \$6.89 Capacity/CYL. <u>282</u> cf Purchase Cost for Empty CYL \$196.00 Brand - Airgas Product # OX USP200 | <u>\$0.02443/CU.FT.</u> |
| 08420 | Monthly Rental Rate | \$2.75/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$9.67 |
| | ZONE #100 | |
| | Robert's Oxygen | |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|-------------------|
| | GASES, MEDICAL & LABORATORY Dept. of Forensic Science/Northern VA 9797 Braddock Road, #200 Fairfax, VA 22032-1744 Ms. Amy Lunsford Phone: (703) 764-4600 | |
| 08440 | Nitrogen, Ultra Pure, Carrier Grade, 99.9995%. Cost/CYL. \$11.35 Capacity/CYL. <u>228</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R104A3 | \$0.04978/CU.FT. |
| 08460 | Monthly Rental Rate | \$6.00/MO |
| 08480 | Hydrogen, High Purity Grade 99.999% Cost/CYL. \$34.56 Capacity/CYL. <u>216</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R101C2 | \$0.16/CU.FT. |
| 08500 | Monthly Rental Rate | \$6.00/MO |
| 08520 | Helium, High Purity Grade, 99.995% Cost/CYL. \$45.36 Capacity/CYL. <u>216</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R102F3 | \$0.21/CU.FT. |
| 08540 | Monthly Rental Rate | \$6.00/MO |
| 08600 | Argon, High Purity Grade 99.995% Cost/CYL. \$14.68 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R40 | \$0.0437/CU.FT. |
| 08620 | Monthly Rental Rate | \$4.50/MO |
| 08640 | Liquid Nitrogen, Low Pressure Cost/CYL. \$31.00 Capacity/CYL. <u>3650</u> cf Purchase Cost for Empty CYL \$1,812.50 Brand - Roberts Oxygen Product # RLN148 | \$0.0085/CU.FT. |
| 08660 | Monthly Rental Rate | \$30.00/MO |
| 08680 | Breathing Air, Size H Cost/CYL. \$4.00 Capacity/CYL. <u>200</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R61 | \$0.020/CU.FT. |
| 08700 | Monthly Rental Rate | \$4.50/MO |
| 08720 | Methane, Research 4.0 CGA: 350 vd: 260 Cost/CYL. \$239.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # MS118611123 | \$0.796666/CU.FT. |
| 08740 | Monthly Rental Rate | \$6.00/MO |
| 08760 | Ultra Zero Air 300 The <0.1 ppm, Cost/CYL. \$35.00 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R106A3 | \$0.1166/CU.FT. |
| 08780 | Monthly Rental Rate | \$6.00/MO |
| | ZONE #100 | |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|--------------|---|------------------------|
| | GTS WELCO | |
| | GASES, MEDICAL & LABORATORY Dept. of Forensic Science/Northern VA 9797 Braddock Road, #200 Fairfax, VA 22032-1744 Ms. Amy Lunsford Phone: (703) 764-4600 | |
| 08560 | Helium, Research Grade 99.9999% Cost/CYL. \$186.24 Capacity/CYL. 290 cf Purchase Cost for Empty CYL \$275.00 Brand - Roberts Oxygen Product # HE6.0RST | \$0.64/CU.FT. |
| 08580 | Monthly Rental Rate | \$6.00/MO |
| | ZONE #100 | |
| | Robert's Oxygen | |
| | Zone # 100 GASES, MEDICAL & LABORATORY Virginia Polytechnic Institute Equine Medical Center Old Waterford Road at Morven Park P.O. Box 1938 Leesburg, VA 20177 Ms. Gretchen Dunlop Phone: (703) 771-6800 | |
| 08800 | Oxygen, Therapy Cylinder, Size H Cost/CYL. \$5.02 Capacity/CYL. 251 cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R5 | \$0.020/CU.FT. |
| 08820 | Monthly Rental Rate | \$4.50/MO |
| 08840 | Oxygen, Size E Cost/CYL. \$2.50 Capacity/CYL. 25 Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R13 | \$0.1000/CU.FT. |
| 08860 | Monthly Rental Rate | \$3.00/MO |
| 08880 | Oxygen, USP Size E Cost/CYL. \$2.50 Capacity/CYL. 25 CF Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R13 | \$0.1000/CU.FT. |
| 08900 | Monthly Rental Rate | \$3.00/MO |
| 08920 | Nitrogen NF Size E \$2.75 Capacity/CYL. 21 cf Purchase Cost for Empty CYL \$88.50 Brand - Roberts Oxygen Product # R33E | \$0.1309/CU.FT. |
| 08940 | Monthly Rental Rate | \$3.00/MO |
| 08960 | Nitrogen NF Size H \$4.60 Capacity/CYL. 230 cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R103G2 | \$0.020/CU.FT. |
| 08980 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-----------------------|
| 09000 | Breathing Air, Size H Cost/CYL. \$4.00 Capacity/CYL. <u>200</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R68 | \$0.020/CU.FT. |
| 09020 | Monthly Rental Rate | \$4.50/MO |
| 09040 | Liquid CO2 w/Siphon (Dry Ice), H Size Cost/CYL. \$7.50 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$156.25 Brand - Roberts Oxygen Product # R24 | \$0.15/LB |
| 09060 | Monthly Rental Rate | \$4.50/MO |
| 09080 | Liquid Oxygen, Therapy Cost/CYL. \$45.00 Capacity/CYL. <u>5,400</u> cf Purchase Cost for Empty CYL \$1,812.50 Brand - Roberts Oxygen Product # RL05USP03 | \$0.0083/CU.FT. |
| 09100 | Liquid Nitrogen Recharge for 10 Liter Tank | \$2.50/LITRE |
| 09120 | Liquid Nitrogen Recharge for 35 Liter Tank | \$1.50/LITRE |
| | Zone # 100 GASES, WELDING All State Agencies and Other Public Bodies within Zone 100 are authorized to purchase Welding Gases noted below (Items 09140-09240). | |
| 09140 | Oxygen Cost/CYL. \$5.02 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$190.28 Brand - Roberts Oxygen Product # R0 | \$0.020/CU.FT. |
| 09160 | Monthly Rental Rate | \$4.50/MO |
| 09180 | Acetylene, Size 400 CU. FT. Cost/CYL. \$48.75 Capacity/CYL. <u>325</u> Purchase Cost for Empty CYL \$227.97 Brand - Roberts Oxygen Product # R4 | \$0.1500/CU.FT. |
| 09200 | Monthly Rental Rate | \$4.50/MO |
| 09220 | Argon Cost/CYL. \$14.68 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$197.17 Brand - Roberts Oxygen Product # R40 | \$0.0436/CU.FT. |
| 09240 | Monthly Rental Rate | \$4.50/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$19.00 |
| | | |
| | Zone # 98 LOT A - 1 | |
| | Airgas National Welders | |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|------------------------|
| | GASES, LABORATORY & WELDING Hiram Davis Medical Center Southside Virginia Training Center Central State P.O. Box 4110 Petersburg, VA 23803 Ms. Linda Johnson, Buyer Specialist Phone: (804) 524-7189 | |
| 09260 | Oxygen, Medical USP Size H Cost/CYL. \$3.99 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MO200 | \$0.0159/CU.FT. |
| 09280 | Monthly Rental Rate | \$4.50/MO |
| 09300 | Oxygen, USP Size E Cost/CYL. \$1.96 Capacity/CYL. <u>25</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MOE | \$0.0784/CU.FT. |
| 09320 | Monthly Rental Rate | \$4.50/MO |
| 09340 | Carbon Dioxide, Industrial CO2 Cost/CYL. \$6.63 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # CD50 | \$0.1325/LB |
| 09360 | Monthly Rental Rate | \$4.50/MO |
| 09380 | Compressed Air Cost/CYL. \$6.201 Capacity/CYL. <u>234</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # BA200 | \$0.0265/CU.FT. |
| 09400 | Monthly Rental Rate | \$4.50/MO |
| 09420 | Nitrous Oxide, USP Size G Cost/CYL. \$35.62 Capacity/CYL. <u>56</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MNOG | \$0.636/LB |
| 09440 | Monthly Rental Rate | \$4.50/MO |
| 09460 | Nitrous Oxide, USP Size E Cost/CYL. \$5.94 Capacity/CYL. <u>56</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MNOE | \$0.106/CU.FT. |
| 09480 | Monthly Rental Rate | \$4.50/MO |
| 09500 | Nitrogen NF Cost/CYL. \$3.63 Capacity/CYL. <u>228</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MNIG | \$0.0159/CU.FT. |
| 09520 | Monthly Rental Rate | \$4.50/MO |
| 09540 | Liquid Oxygen, USP Cost/CYL. \$46.45 Capacity/CYL. <u>5,156</u> cf Purchase Cost for Empty CYL \$2,250.00 Brand - ANW Product # LMO5HP | \$0.009/CU.FT. |

Contract No. E194-1027-09

Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|------------------------|
| 09560 | Monthly Rental Rate | \$40.00/MO |
| 09580 | Oxygen, Medical, USP Size D Cost/CYL. \$1.10 Capacity/CYL. 14 cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MOD | \$0.078/CU.FT. |
| 09600 | Monthly Rental Rate | \$4.50/MO |
| | Zone # 98 LOT A - 1 Department of Forensic Science - Central Laboratory 700 N. 5th Street Richmond, VA 23005 Mr. Donnell Jackson Phone: (804) 786-6332 | |
| 09620 | Helium, Grade 5, 99.999% Pure-Capable of running on the following instruments: GC-NPO Cost/CYL. \$51.52 Capacity/CYL. 219 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 325042 | \$0.2150/CU.FT. |
| 09640 | Monthly Rental Rate | \$2.00/MO |
| 09660 | Helium, Grade 5, 99.999% Pure-Capable of running on the following instruments: GC Cost/CYL. \$62.55 Capacity/CYL. 291 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 325041 | \$0.2150/CU.FT. |
| 09680 | Monthly Rental Rate | \$4.50/MO |
| 09700 | Helium, Grade 6, 99.9999% Pure-Capable of running on the following instrument: GC-MS Cost/CYL. \$116.11 Capacity/CYL. 219 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 326042 | \$0.530/CU.FT. |
| 09720 | Monthly Rental Rate | \$2.00/MO |
| 09740 | Helium, Grade 6, 99.9999% Pure-Capable of running on the following instruments: GC-MS Cost/CYL. \$154.28 Capacity/CYL. 291 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 326041 | \$0.530/CU.FT. |
| 09760 | Monthly Rental Rate | \$4.50/MO |
| 09780 | Methane/Argon P-5, 95/5% capable of running on instrument: GC Cost/CYL. \$39.21 Capacity/CYL. 226 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 060142 | \$0.1735/CU.FT. |
| 09800 | Monthly Rental Rate | \$4.50/MO |
| 09820 | Methane/Argon P-10, 90/10%-Capable of running on the following instrument: GC Cost/CYL. \$39.21 Capacity/CYL. 226 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 080242 | \$0.1735/CU.FT. |
| 09840 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|------------------------|
| 09860 | Argon, Grade 5, 99.999% Cost/CYL. \$31.80 Capacity/CYL. <u>250</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # ARUHP1 | \$0.1272/CU.FT. |
| 09880 | Monthly Rental Rate | \$4.50/MO |
| 09900 | Liquid Argon, - Standard Grade - Capable of running on the following instrument: Inductively Coupled Plasma Spectrometer. Cost/CYL. \$186.20 Capacity/CYL. <u>5019</u> cf Purchase Cost for Empty CYL \$2,250.00 Brand - ANW Product # LAR5HP | \$0.0371/CU.FT. |
| 09920 | Monthly Rental Rate | \$25.00/MO |
| 09940 | Carbon Dioxide- Standard Grade - with and without dip tube capable of running on the following instruments: GC-MS w/Dip Tube, C02 Incubator. Cost/CYL. \$6.63 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # CD50 CD50T | \$0.1325/LB |
| 09960 | Monthly Rental Rate | \$4.50/MO |
| 09980 | Helium- Industrial Grade - Capable of running on the following instrument: GC Cost/CYL. \$31.04 Capacity/CYL. <u>244</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HE200 | \$0.1272/CU.FT. |
| 10000 | Monthly Rental Rate | 2.00/MO |
| 10020 | Argon - Industrial Grade - Capable of running on the following instruments: GC, AA, SEM, Emission Spectrograph Cost/CYL. \$17.80 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | \$0.053/CU.FT. |
| 10040 | Monthly Rental Rate | \$2.00/MO |
| 10060 | Nitrogen, Cylinder size 228 - Industrial Grade - Capable of running on the following instruments: GC, SEM, Glove box in Anaerobe Lab Cost/CYL. \$5.36 Capacity/CYL. <u>230</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NI200 | \$0.0233/CU.FT. |
| 10080 | Monthly Rental Rate | \$4.50/MO |
| 10100 | Breathing Air, - USP Grade - Capable or running on the following instruments: GC, SEM Cost/CYL. \$6.20 Capacity/CYL. <u>234</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # BA200 | \$0.0265/CU.FT. |
| 10120 | Monthly Rental Rate | \$2.00/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|-------------------------------|
| 10140 | Hydrogen - Industrial Grade - Capable of running on the following instrument: GC Cost/CYL. \$8.35 Capacity/CYL. <u>197</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HY200 | <u>\$0.0424</u>/CU.FT. |
| 10160 | Monthly Rental Rate | \$4.50/MO |
| 10180 | Liquid Nitrogen, Cylinder size 3650 - Industrial Grade - Capable of running on the following instruments: Cooling of GC-MS Oven, SEM, FTIR Cost/CYL. \$25.14 Capacity/CYL. <u>3,650</u> cf Purchase Cost for Empty CYL \$1,850.00 Brand - ANW Product # LNS50 | <u>\$0.0069</u>/CU.FT. |
| 10200 | Monthly Rental Rate | \$25.00/MO |
| 10220 | Hydrogen, Grade 5 - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. \$22.79 Capacity/CYL. <u>215</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 335042 | <u>\$0.106</u>/CU.FT. |
| 10240 | Monthly Rental Rate | \$2.00/MO |
| 10260 | Nitrogen, Grade 5, - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. \$20.72 Capacity/CYL. <u>230</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # N1UHP1 | <u>\$0.09</u>/CU.FT. |
| 10280 | Monthly Rental Rate | \$4.50/MO |
| 10300 | Hydrogen, Grade 5, - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. \$30.10 Capacity/CYL. <u>284</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 335041 | <u>\$0.106</u>/CU.FT. |
| 10320 | Monthly Rental Rate | \$2.00/MO |
| 10340 | Carbon Dioxide 5% - Hydrogen 10% -Nitrogen 85% -Certified, Capable of running on the following instruments: Holding Box and Glove Box in Anearobe Lab. Cost/CYL. \$40.88 Capacity/CYL. <u>190</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 750333 | <u>\$0.2152</u>/CU.FT. |
| 10360 | Monthly Rental Rate | \$4.50/MO |
| 10380 | Acetylene, #5 - Large Size Tanks Standard Grade, - Capable of running on the following instrument: AA Cost/CYL. \$56.10 Capacity/CYL. <u>294</u> cf Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # ACP300 | <u>\$0.1908</u>/CU.FT. |
| 10400 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------------|
| 10420 | Oxygen, Cylinder size 282 CU. FT. - Industrial Grade - Capable of running on the following instrument: TOC Analyzer Cost/CYL. \$4.48 Capacity/CYL. <u>281</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | <u>\$0.0159</u>/CU.FT. |
| 10440 | Monthly Rental Rate | \$2.00/MO |
| 10460 | Oxygen, Grade 4.4%, - Capable of running on the following instrument: Leco Nitrogen Analyzer Cost/CYL. \$33.25 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 514441 | <u>\$0.1325</u>/CU.FT. |
| 10480 | Monthly Rental Rate | \$4.50/MO |
| 10500 | Liquid Nitrogen, on Wheels - Industrial Grade, Cylinder size 5650 CU.FT.. - Capable of running on the following instruments: Collins of GC-MS Oven, SEM, FTIR Cost/CYL. \$38.92 Capacity/CYL. <u>5,650</u> cf Purchase Cost for Empty CYL \$2,250.00 Brand - ANW Product # LNS65 | <u>\$0.0069</u>/CU.FT. |
| 10520 | Monthly Rental Rate | \$40.00/MO |
| 10540 | Nitrogen, Grade 5 - 99.999% Pure, High Capacity Cylinder, Cylinder Valve to be Dual Purpose High Pressure/Low Pressure, and Reduce Cylinder Pressure (4500 PSI) by 80%. Valve must accommodate CGA 580/CGA 680 Regulators. Cost/CYL. \$9.69 Capacity/CYL. <u>457</u> cf Purchase Cost for Empty CYL \$450.00 Brand - ANW Product # N14K | <u>\$0.0212</u>/CU.FT. |
| 10560 | Monthly Rental Rate | \$2.00/MO |
| 10580 | Compressed Air, Grade Zero UHP 99.999% Size 300 CU.FT.. Cost/CYL. \$28.59 Capacity/CYL. <u>310</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 020355 | <u>\$0.0922</u>/CU.FT. |
| 10600 | Monthly Rental Rate | \$4.50/MO |
| | Zone # 98 LOT A - 1 Dept. of Aviation 5702 Gulfstream Road Richmond, VA 23250 Ms. Teresa Allen Phone: (804) 235-3628, Ext. 119 | |
| 10620 | Oxygen Aviator Cost/CYL. \$10.42 Capacity/CYL. <u>281</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MAO282 | <u>\$0.0371</u>/CU.FT. |
| 10640 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|--------------|--|-------------------------------|
| | Zone # 98 LOT A - 1 DGS/Division of Consolidated Laboratory Services 600 North 5th Street, Richmond, VA 23219 Mr. Curtis Johnson Storekeeper Supervisor Phone 804- 648-4480 | |
| NOTE: | Certificate of analysis must be attached to each helium grade 5 cylinder. | |
| | Helium, Grade 5 - 99.999% Pure-Capable of running on the following instruments: GC Cost/CYL. \$62.55 Capacity/CYL. <u>291</u> cf Purchase Cost for Empty CYL \$275.00 | |
| 10740 | Brand - ANW Product # 325041 | <u>\$0.2150/CU.FT.</u> |
| 10760 | Monthly Rental Rate | \$4.50/MO |
| | Methane/Argon P-10, 90%/10%-Capable of running on the following instrument: GC Cost/CYL. \$39.21 Capacity/CYL. <u>226</u> cf Purchase Cost for Empty CYL \$275.00 | |
| 10780 | Brand - ANW Product # 080242 | <u>\$0.1735/CU.FT.</u> |
| 10800 | Monthly Rental Rate | \$4.50/MO |
| | Argon, Grade 5, 99.999% Cost/CYL. \$29.15 Capacity/CYL. <u>250</u> cf Purchase Cost for Empty CYL \$275.00 | |
| 10820 | Brand - ANW Product # ARUHP1 | <u>\$0.1166/CU.FT.</u> |
| 10840 | Monthly Rental Rate | \$4.50/MO |
| | Carbon Dioxide -Standard Grade - with and without dip tube capable of running on the following instruments: GC-MS w/Dip Tube, C02 Incubator Cost/CYL. \$6.63 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$275.00 | |
| 10860 | Brand - ANW Product # CD50 | <u>\$0.1325/LB</u> |
| 10880 | Monthly Rental Rate | \$4.50/MO |
| | Argon- Industrial Grade - Capable of running on the following instruments: GC, AA, SEM, Emission Spectrograph Cost/CYL. \$12.47 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 | |
| 10900 | Brand - ANW Product # AR300 | <u>\$0.0371/CU.FT.</u> |
| 10920 | Monthly Rental Rate | \$2.00/MO |
| | Breathing Air USP Grade - Capable or running on the following instruments: GC, SEM Cost/CYL. \$5.58 Capacity/CYL. <u>234</u> cf Purchase Cost for Empty CYL \$275.00 | |
| 10940 | Brand - ANW Product # BA200 | <u>\$0.0239/CU.FT.</u> |
| 10960 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-------------------------|
| 10980 | Nitrogen, Grade 5, 99.999% Pure - Capable of running on the Cost/CYL. \$14.63 Capacity/CYL. <u>230</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NIUHP1 | \$0.0636/CU.FT. |
| 11000 | Monthly Rental Rate | \$4.50/MO |
| 11020 | Hydrogen, Grade 5, 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. \$30.10 Capacity/CYL. <u>284</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 335041 | \$0.106/CU.FT. |
| 11040 | Monthly Rental Rate | \$4.50/MO |
| 11060 | Carbon Dioxide Hydrogen Nitrogen mixture 5/10/85% Certified, - Capable of running on the following instruments: Holding Box and Glove Box in Anearobe Lab. Cost/CYL. \$40.88 Capacity/CYL. <u>190</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 750333 | \$0.2152/CU.FT. |
| 11080 | Monthly Rental Rate | \$4.50/MO |
| 11100 | Acetylene, #5 - Large Size Tanks Standard Grade, Capable of running on the following instrument: AA Cost/CYL. \$28.62 Capacity/CYL. <u>294</u> cf Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # AC300 | \$0.0954/CU.FT. |
| 11120 | Monthly Rental Rate | \$4.50/MO |
| 11140 | Oxygen, Industrial Grade - Capable of running on the following instrument: TOC Analyzer Cost/CYL. \$4.48 Capacity/CYL. <u>281</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | \$0.0159/CU.FT. |
| 11160 | Monthly Rental Rate | \$2.00/MO |
| 11180 | Oxygen, Grade 4.4%, Capable of running on the following instrument: Leco Nitrogen Analyzer Cost/CYL. \$33.25 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 514441 | \$0.1325/CU.FT. |
| 11200 | Monthly Rental Rate | \$4.50/MO |
| 11220 | Liquid Nitrogen, on Wheels - Industrial Grade, - Capable of running on the following instruments: Collins of GC-MS Oven, SEM, FTIR Cost/CYL. \$38.92 Capacity/CYL. <u>5,650</u> cf Purchase Cost for Empty CYL \$2,250.00 Brand - ANW Product # LNS65 | \$0.0069/CU.FT. |
| 11240 | Monthly Rental Rate | \$40.00/MO |
| 11260 | Compressed Air, Grade Zero UHP 99.999% Cost/CYL. \$28.59 Capacity/CYL. <u>310</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 020355 | \$0.09222/CU.FT. |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|------------------------|
| 11280 | Monthly Rental Rate | \$4.50/MO |
| | Zone # 98 LOT A - 1 Dept. of Environmental Quality 4949A Cox Road Glen Allen, VA 23060 Mr. Moe Habibi Phone: (804) 527-5153 | |
| 11300 | Carbon Monoxide 40 PPM, Balance Air - Primary Standard Grade Cost/CYL. \$92.19 Capacity/CYL. 144 cf Purchase Cost for Empty CYL \$200.00 Brand - ANW Product # 704611 | \$0.6402/CU.FT. |
| 11320 | Monthly Rental Rate | \$4.50/MO |
| 11340 | Carbon Monoxide 20 PPM, Balance Air - Primary Standard Grade Cost/CYL. \$92.19 Capacity/CYL. 144 cf Purchase Cost for Empty CYL \$200.00 Brand - ANW Product # 704611 | \$0.6402/CU.FT. |
| 11360 | Monthly Rental Rate | \$4.50/MO |
| 11380 | Carbon Monoxide 9.0 PPM, Balance Air - Primary Standard Grade Cost/CYL. \$92.19 Capacity/CYL. 144 cf Purchase Cost for Empty CYL \$200.00 Brand - ANW Product # 704611 | \$0.6402/CU.FT. |
| 11400 | Monthly Rental Rate | \$4.50/MO |
| | Zone # 98 LOT A - 1 DEQ/Office of Air Quality Monitoring 4949C Cox Road Glen Allen, VA 23060 Mr. Tom Jennings Phone: (804) 527-5182 | |
| 11420 | Helium, Grade 5 - 99.999% Pure-Capable of running on the following instruments: GC Cost/CYL. \$62.55 Capacity/CYL. 291 Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 325041 | \$0.215/CU.FT. |
| 11440 | Monthly Rental Rate | \$4.50/MO |
| 11480 | DEQ/AQM Owned Tank Liquid Nitrogen - Industrial Grade - Capable of running on the following instruments: Cooling of GC-MS Oven, SEM, FTIR Cost/CYL. \$25.14 Capacity/CYL. 3,650 Brand - ANW Product # LNS50C | \$0.0069/CU.FT. |
| 11500 | Hydrogen, Grade 5 - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. \$31.80 Capacity/CYL. 300 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 335041 | \$0.106/CU.FT. |
| 11520 | Monthly Rental Rate | \$4.50/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|------------------------|
| 11540 | Nitrogen, Grade 5 - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. \$19.08 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NIUHP1 | \$0.0636/CU.FT. |
| 11560 | Monthly Rental Rate | \$4.50/MO |
| 11580 | Compressed Air, Grade Zero UHP 99.999% Cost/CYL. \$28.59 Capacity/CYL. <u>310</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 020355 | \$0.0922/CU.FT. |
| 11600 | Monthly Rental Rate | \$4.50/MO |
| 11620 | Carbon Monoxide 40 PPM, Balance Air - Primary Standard Grade Cost/CYL. \$92.19 Capacity/CYL. <u>150</u> cf Purchase Cost for Empty CYL \$200.00 Brand - ANW Product # 704611 | \$0.6402/CU.FT. |
| 11640 | Monthly Rental Rate | \$4.50/MO |
| 11660 | Carbon Monoxide 9.0 PPM, Balance Air - Primary Standard Grade Cost/CYL. \$92.19 Capacity/CYL. <u>150</u> cf Purchase Cost for Empty CYL \$200.00 Brand - ANW Product # 704611 | \$0.6402/CU.FT. |
| 11680 | Monthly Rental Rate | \$4.50/MO |
| | Zone # 98 LOT A - 1 John Tyler College 13101 Jefferson Davis Highway Chester VA 23831 Dawn Cockrell Phone: 804 706 5054 | |
| 11700 | Carbon Dioxide CD G Industrial Grade Cost/CYL. \$6.63 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # CD50 | \$0.1325/LB. |
| 11720 | Monthly Rental Rate | \$4.50/MO |
| 11740 | Argon, AR T Industrial Grade Cost/CYL. \$17.81 Capacity/CYL <u>336</u> cu.ft Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | \$0.053/CU.FT. |
| 11760 | Monthly Rental Rate | \$4.50/MO |
| 11780 | Argon-Carbon Dioxide mixture, 75/25%, Cost/CYL. \$24.93 Capacity/CYL <u>336</u> cu.ft. Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # U7300 | \$0.0742/CU.FT. |
| 11800 | Monthly Rental Rate | \$4.50/MO |
| 11820 | Helium, Size T Industrial Grade 99.995% Cost/CYL. \$46.27 Capacity/CYL <u>291</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HE300 | \$0.159/CU.FT. |
| 11840 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-------------------------|
| 11860 | Acetylene, AC5 Industrial Grade Cost/CYL. \$35.62 Capacity/CYL <u>336</u> cf Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # AC400 | \$0.106/CU.FT. |
| 11880 | Monthly Rental Rate | \$4.50/MO |
| 11900 | Acetylene, Industrial Grade 4 Cost/CYL. \$13.99 Capacity/CYL <u>132</u> CF Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # AC140 | \$0.106/CU.FT. |
| 11920 | Monthly Rental Rate | \$4.50/MO |
| 11940 | Oxygen, Industrial Grade Cost/CYL. \$4.48 Capacity/CYL <u>282</u> cu.ft. Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | \$0.0159/CU.FT. |
| 11960 | Monthly Rental Rate | \$4.50/MO |
| 11980 | Oxygen, Industrial Grade Cost/CYL. \$3.71 Capacity/CYL <u>125</u> cu.ft. Purchase Cost for Empty CYL \$150.00 Brand - ANW Product # OX100 | \$0.0297/CU.FT. |
| 12000 | Monthly Rental Rate | \$4.50/MO |
| 12020 | Trimix: 90% Helium, 7-1/2% Argon, 2-1/2% CO ₂ , (Trimix AG 90T) Cost/CYL. \$78.36 Capacity/CYL <u>336</u> cu.ft. Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # U23300 | \$0.2332/CU.FT. |
| 12040 | Monthly Rental Rate | \$4.50/MO |
| 12060 | Argon Oxygen mixture 98/02 Industrial Grade Cost/CYL. \$16.21 Capacity/CYL. <u>336</u> cu.ft. Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # U2300 | \$0.04823/CU.FT. |
| 12080 | Monthly Rental Rate | \$4.50/MO |
| 12100 | Propane PN100 Industrial Grade Cost/CYL. \$58.30 Capacity/Cyl. <u>100</u> LB Purchase Cost for Empty CYL \$140.00 Brand - ANW Product # PR100 | \$0.583/LB. |
| 12120 | Monthly Rental Rate | \$4.50/MO |
| 12140 | Nitrogen, NI H Cost/CYL. \$5.31 Capacity/Cyl. 228 cu.ft. Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NI200 | \$0.0233/CU.FT. |
| 12160 | Monthly Rental Rate | \$4.50/MO |
| | GASES, WELDING Zone # 98 LOT A - 1 All State Agencies and Other Public Bodies within Zone 98 are authorized to purchase Welding Gases noted below (Items 12180-12800). | |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|-------------------------------|
| | James River Correctional Center (user) 1954 State Farm Road State Farm Virginia 23160 Sandra Parker 804-784-3551 | |
| 12180 | Acetylene, 250 CU.FT (AC5) Cost/CYL. \$35.62 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # AC400 | <u>\$0.106/CU.FT.</u> |
| 12200 | Monthly Rental Rate | \$4.50/MO |
| 12220 | Carbon Dioxide CO2 Cost/CYL. \$6.63 Capacity/CYL. <u>50</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # CD50 | <u>\$0.1325/LB.</u> |
| 12240 | Monthly Rental Rate | \$4.50/MO |
| 12260 | Unimix Argon 75% CO2 25% Cost/CYL. \$28.20 Capacity/CYL. <u>380</u> CF Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # U7300 | <u>\$0.0742/CU.FT.</u> |
| 12280 | Monthly Rental Rate | \$4.50/MO |
| 12300 | Unimix - CO2 2.5%, Argon 7.5, Helium 90% Cost/CYL. \$68.09 Capacity/CYL. <u>292</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # U23300 | <u>\$0.2332/CU.FT.</u> |
| 12320 | Monthly Rental Rate | \$4.50/MO |
| 12340 | Oxygen Cost/CYL. \$4.48 Capacity/CYL. <u>281</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | <u>\$0.0159/CU.FT.</u> |
| 12360 | Monthly Rental Rate | \$4.50/MO |
| 12380 | Oxygen Cost/CYL. \$2.93 Capacity/CYL. <u>92</u> CF Purchase Cost for Empty CYL \$125.00 Brand - ANW Product # OX90 | <u>\$0.0318/CU.FT.</u> |
| 12400 | Monthly Rental Rate | \$4.50/MO |
| 12420 | Oxygen Cost/CYL. \$3.71 Capacity/CYL. <u>125</u> CF Purchase Cost for Empty CYL \$150.00 Brand - ANW Product # OX100 | <u>\$0.0297/CU.FT.</u> |
| 12440 | Monthly Rental Rate | \$4.50/MO |
| 12460 | Acetylene, 250 CU.FT (AC.5) Cost/CYL. \$31.16 Capacity/CYL. <u>294</u> Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # AC400 | <u>\$0.106/CU.FT.</u> |
| 12480 | Monthly Rental Rate | \$4.50/MO |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|------------------------|
| 12500 | Acetylene Cost/CYL. \$13.99 Capacity/CYL. <u>132</u> CF Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # AC140 | \$0.106/CU.FT. |
| 12520 | Monthly Rental Rate | \$4.50/MO |
| 12540 | Argon Industrial Cost/CYL. \$17.81 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | \$0.053/CU.FT. |
| 12560 | Monthly Rental Rate | \$4.50/MO |
| 12580 | Argon, Small, Size 115 CU. FT. Cost/CYL. \$7.95 Capacity/CYL. <u>125</u> CF Purchase Cost for Empty CYL \$150.00 Brand - ANW Product # AR100 | \$0.0636/CU.FT. |
| 12600 | Monthly Rental Rate | \$4.50/MO |
| 12620 | Argon (75%/25%) AR12625 Cost/CYL. \$10.68 Capacity/CYL. <u>126</u> CF Purchase Cost for Empty CYL \$150.00 Brand - ANW Product # U7100 | \$0.0848/CU.FT. |
| 12640 | Monthly Rental Rate | \$4.50/MO |
| 12660 | Nitrogen - Standard Grade Cost/CYL. \$5.48 Capacity/CYL. <u>128</u> cf Purchase Cost for Empty CYL \$150.00 Brand - ANW Product # NI100 | \$0.0424/CU.FT. |
| 12680 | Monthly Rental Rate | \$4.50/MO |
| 12700 | Oxygen Cost/CYL. \$3.98 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # OX282 | \$0.0159/CU.FT. |
| 12720 | Monthly Rental Rate | \$4.50/MO |
| 12740 | Acetylene Cost/CYL. \$13.99 Capacity/CYL. <u>132</u> cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # AC140 | \$0.106/CU.FT. |
| 12760 | Monthly Rental Rate | \$4.50/MO |
| 12780 | Acetylene, Grade 2.6 Cost/CYL. \$57.24 Capacity/CYL. <u>300</u> cf Purchase Cost for Empty CYL \$250.00 Brand - ANW Product # ACP400 | \$0.1908/CU.FT. |
| 12800 | Monthly Rental Rate | \$4.50/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$22.50 |
| | | |
| | ZONE # 98-LOT A - 2 Div. of Consolidated Lab | |
| | Airgas National Welders | |

Contract No. E194-1027-09
Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|--|-------------------------|
| | DGS/Division of Consolidated Laboratory Services 600 North 5th Street, Richmond, VA 23219 Mr. Curtis Johnson Storekeeper Supervisor Phone 804- 648-4480 | |
| 10660 | Argon, 99.998% Purity Cost/CYL. \$1,261.40 Capacity/CYL. <u>1000</u> L Purchase Cost for Empty CYL \$20,000.00 Brand - ANW Product # MBAR | \$0.0429/CU.FT. |
| 10680 | Monthly Rental Rate | \$210.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$22.50 |
| | | |
| | ZONE # 98-LOT A - 3 | |
| | GTS-Welco | |
| | DGS/Division of Consolidated Laboratory Services 600 North 5th Street, Richmond, VA 23219 Mr. Curtis Johnson Storekeeper Supervisor Phone 804- 648-4480 | |
| 10700 | Nitrogen - 99.998% Pure - equiv. CGA grade Cost/CYL. \$154.00 Capacity/CYL. <u>700</u> L Purchase Cost for Empty CYL \$15,000.00 Brand - GTS Welco Product # LN2 | \$0.00895/CU.FT. |
| 10720 | Monthly Rental Rate | \$250.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$7.95 |
| | | |
| | ZONE # 98-LOT B - VCU-Academic & Medical | |
| | Airgas National Welders | |
| | GASES, MEDICAL & LABORATORY Virginia Commonwealth University Various Locations Richmond, VA 23298 Ms. Betty Lowther C.P.M. Associate Purchasing Director (Academic Campus) Phone: (804) 828-5954 Ms. Edie Okola, Buyer Manager (Medical Campus) Phone: (804) 828-9981 | |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-------------------------|
| 12820 | Oxygen, USP Size E Cost/CYL. \$1.59 Capacity/CYL. <u>25</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MOAE | \$1.59/CYL |
| 12840 | Monthly Rental Rate | \$5.30/MO |
| 12860 | Oxygen, USP Single E with integrated valve and live contents gauge. Cost/CYL. \$1.59 Capacity/CYL. <u>25</u> cf. Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # MWOBAE | \$1.59/CYL |
| 12880 | Monthly Rental Rate | \$9.00/MO |
| 12900 | Oxygen, USP, Size M Cost/CYL. \$3.98 Capacity/CYL. <u>125</u> cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # MOM | \$0.0318/CU.FT. |
| 12920 | Monthly Rental Rate | \$4.50/MO |
| 12940 | Oxygen, USP Size H Cost/CYL. \$2.66 Capacity/CYL. <u>251</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MO200 | \$0.0106/CU.FT. |
| 12960 | Monthly Rental Rate | \$2.00/MO |
| 12980 | Nitrogen, NF, Size D Cost/CYL. \$2.48 Capacity/CYL. <u>13</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MNID | \$0.1908/CU.FT. |
| 13000 | Monthly Rental Rate | \$5.30/MO |
| 13020 | Nitrogen, USP NF, Size E Cost/CYL. \$4.01 Capacity/CYL. <u>21</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MNIE | \$0.1908/CU.FT. |
| 13040 | Monthly Rental Rate | \$5.30/MO |
| 13060 | Nitrogen, USP NF, Size M Cost/CYL. \$1.82 Capacity/CYL. <u>115</u> cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # MNIM | \$0.0159/CU.FT. |
| 13080 | Monthly Rental Rate | \$2.00/MO |
| 13100 | Nitrogen, USP NF, Size H Cost/CYL. \$3.66 Capacity/CYL. <u>230</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MNIG | \$0.0159/CU.FT. |
| 13120 | Monthly Rental Rate | \$4.50/MO |
| 13140 | Nitrogen, Purity 99.995% Cost/CYL. \$25.14 Capacity/CYL. <u>3650</u> cf Purchase Cost for Empty CYL \$1,850.00 Brand - ANW Product # LNS50 | \$0.00689/CU.FT. |
| 13160 | Monthly Rental Rate | \$35.00/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|------------------------|
| 13180 | Nitrogen, Purity 99.995%, Stainless Cost/CYL. \$62.58 Capacity/CYL. 4920 cf Purchase Cost for Empty CYL \$2,250.00 Brand - ANW Product # LNS65 | \$0.0127/CU.FT. |
| 13200 | Monthly Rental Rate | \$40.00/MO |
| 13220 | Nitrogen, Purity 99.995%, Cost/CYL. \$2.26 Capacity/CYL. 142 cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # NI100 | \$0.0159/CU.FT. |
| 13240 | Monthly Rental Rate | \$2.00/MO |
| 13260 | Nitrogen, Purity 99.995%, Cost/CYL. \$2.93 Capacity/CYL. 230 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NI200 | \$0.0127/CU.FT. |
| 13280 | Monthly Rental Rate | \$4.50/MO |
| 13300 | Nitrogen, Purity 99.999% Cost/CYL. \$21.26 Capacity/CYL. 304 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NIUHP1 | \$0.0699/CU.FT. |
| 13320 | Monthly Rental Rate | \$4.50/MO |
| 13340 | Nitrogen, Purity 99.999%, Cost/CYL. \$16.09 Capacity/CYL. 230 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NIUHP2 | \$0.0699/CU.FT. |
| 13360 | Monthly Rental Rate | \$4.50/MO |
| 13380 | Carbon Dioxide, USP, Size G Cost/CYL. \$6.89 Capacity/CYL. 50 LB. Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MCDG | \$0.1378/LB |
| 13400 | Monthly Rental Rate | \$4.50/MO |
| 13420 | Breathing Air, NF Purity, Size E Cost/CYL. \$3.36 Capacity/CYL. 22 cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MBAE | \$0.1526/CU.FT. |
| 13440 | Monthly Rental Rate | \$5.30/MO |
| 13460 | Breathing Air, NF Purity, Size M Cost/CYL. \$5.35 Capacity/CYL. 116 cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # MBAM | \$0.0461/CU.FT. |
| 13480 | Monthly Rental Rate | \$2.00/MO |
| 13500 | Breathing Air, NF Purity, "G" Size Cylinder Cost/CYL. \$4.96 Capacity/CYL. 234 cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MBAG | \$0.0212/CU.FT. |
| 13520 | Monthly Rental Rate | \$4.50/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|---|-------------------------|
| 13540 | Helium, USP, "D" Size Cylinder, Non-Magnetic Aluminum Cylinder Cost/CYL. \$6.52 Capacity/CYL. <u>10</u> cf Purchase Cost for Empty CYL \$90.00 Brand - ANW Product # MHEAD | \$0.6519/CU.FT. |
| 13560 | Monthly Rental Rate | \$2.00/MO |
| 13580 | Helium, USP, "E" Size Non-Magnetic Aluminum Cylinder Cost/CYL. \$8.34 Purchase Cost for Empty CYL \$90.00 Brand - ANW Product # MHEAE | \$8.371/CYL |
| 13600 | Monthly Rental Rate | \$2.00/MO |
| 13620 | Helium, USP, "M" Size Non-Magnetic Aluminum Cylinder Cost/CYL. \$23.32 Capacity/CYL. <u>110</u> cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # MHEM | \$0.212/CU.FT. |
| 13640 | Monthly Rental Rate | \$2.00/MO |
| 13660 | Helium, USP, "H" Size Non-Magnetic Aluminum Cylinder Cost/CYL. \$38.80 Capacity/CYL. <u>244</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MHEH | \$0.159/CU.FT. |
| 13680 | Monthly Rental Rate | \$2.00/MO |
| 13700 | Helium, 99.995% Purity, 150 Non-Magnetic Aluminum Cylinder Cost/CYL. \$23.32 Capacity/CYL. <u>110</u> cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # 324752 | \$0.212/CU.FT. |
| 13720 | Monthly Rental Rate | \$2.00/MO |
| 13740 | Helium, 99.99% Purity, Non-Magnetic Aluminum Cylinder, Cost/CYL. \$254.40 Capacity/CYL. <u>40</u> L Purchase Cost for Empty CYL \$1,200.00 Brand - ANW Product # LH60 | \$6.36/LITRE |
| 13760 | Monthly Rental Rate | \$2.00/MO |
| 13780 | Helium, USP Size E Cost/CYL. \$8.37 Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MHEE | \$8.371/CYL |
| 13800 | Monthly Rental Rate | \$5.30/MO |
| 13820 | Nitrogen, Purity 99.999%, Cost/CYL. \$21.26 Capacity/CYL. <u>304</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NIUHP1 | \$0.06996/CU.FT. |
| 13840 | Monthly Rental Rate | \$4.50/MO |
| 13860 | Nitrous Oxide, Purity USP, Size E Cost/CYL. \$5.85 Capacity/CYL. <u>6.5</u> LB. Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MNOE | \$0.901/LB. |
| 13880 | Monthly Rental Rate | \$5.30/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|-------------------------------|
| 13900 | Nitrous Oxide, USP, Size G Cost/CYL. \$32.65 Capacity/CYL. <u>56</u> LB. Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MNOG | <u>\$0.583/LB.</u> |
| 13920 | Monthly Rental Rate | \$4.50/MO |
| 13940 | Nitrous Oxide, USP H Size Cost/CYL. \$37.31 Capacity/CYL. <u>64</u> LB Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MNOH | <u>\$0.583/LB.</u> |
| 13960 | Monthly Rental Rate | \$2.00/MO |
| 13980 | Nitrous Oxide, USP, Size F Cost/CYL. \$16.11 Capacity/CYL. <u>20</u> LB Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MNO20 | <u>\$0.8056/LB.</u> |
| 14000 | Monthly Rental Rate | \$4.50/MO |
| 14020 | Carbon Dioxide, USP, "E" Size Cost/CYL. \$2.97 Capacity/CYL. <u>7</u> LB. Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MCDE | <u>\$0.424/LB.</u> |
| 14040 | Monthly Rental Rate | \$5.30/MO |
| 14060 | Argon, Commercial Grade, T Size Cylinder Cost/CYL. \$14.25 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | <u>\$0.0424/CU.FT.</u> |
| 14080 | Monthly Rental Rate | \$2.00/MO |
| 14100 | Argon, 99.998% Purity, 200 Cylinder Cost/CYL. \$10.60 Capacity/CYL. <u>250</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR200 | <u>\$0.0424/CU.FT.</u> |
| 14120 | Monthly Rental Rate | \$2.00/MO |
| 14140 | Argon, 99.998% Purity, 300 Cylinder Cost/CYL. \$14.25 Capacity/CYL. <u>336</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # AR300 | <u>\$0.0424/CU.FT.</u> |
| 14160 | Monthly Rental Rate | \$2.00/MO |
| 14180 | Oxygen 95% - Carbon Dioxide 5%, USP, "E" Size Cylinder Cost/CYL. \$2.93 Capacity/CYL. <u>23</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MM3E | <u>\$0.1272/CU.FT.</u> |
| 14200 | Monthly Rental Rate | \$2.00/MO |
| 14220 | Oxygen 95% - Carbon Dioxide 5%, USP, "M" Size Cylinder Cost/CYL. \$4.49 Capacity/CYL. <u>106</u> cf Purchase Cost for Empty CYL \$175.00 Brand - ANW Product # MM3MC | <u>\$0.0424/CU.FT.</u> |
| 14240 | Monthly Rental Rate | \$2.00/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| 14260 | Oxygen 95% - Carbon Dioxide 5%, USP, "G" Size Cylinder Cost/CYL. \$6.97 Capacity/CYL. <u>188</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MM3G | \$0.0371/CU.FT. |
| 14280 | Monthly Rental Rate | \$4.50/MO |
| 14300 | Oxygen 95% - Carbon Dioxide 5%, "H" Size Cylinder Cost/CYL. \$7.87 Capacity/CYL. <u>212</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MM3H | \$0.0371/CU.FT. |
| 14320 | Monthly Rental Rate | \$4.50/MO |
| 14340 | Liquid Nitrogen, 160 Liter, High Pressure Cost/CYL. \$25.14 Capacity/CYL. <u>3650</u> cf Purchase Cost for Empty CYL \$1,850.00 Brand - ANW Product # LNS50 | \$0.00689/CU.FT. |
| 14360 | Monthly Rental Rate | \$35.00/MO |
| 14380 | Carbon Dioxide 9%/Nitrogen 15%/Balance Helium, "E" Size Cost/CYL. \$31.69 Capacity/CYL. <u>23</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # 040334 | \$1.378/CU.FT. |
| 14400 | Monthly Rental Rate | \$2.00/MO |
| 14420 | Hydrogen, Commercial Grade, "G" Size Cylinder Cost/CYL. \$5.11 Capacity/CYL. <u>219</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HY200 | \$0.02332/CU.FT. |
| 14440 | Month Rental Rate | \$2.00/MO |
| 14460 | Lung Diffusion, 3% C0-10% Helium-21% 02-66 Nitrogen, "H" Size Cylinder - Contents Shall be Certified. Cost/CYL. \$48.23 Capacity/CYL. <u>175</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 020231 | \$0.2756/CU.FT. |
| 14460 | Monthly Rental Rate | \$4.50/MO |
| 14480 | Nitrogen, Commercial Grade, "H" Size Cylinder Cost/CYL. \$5.95 Capacity/CYL. <u>255</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # NI200 | \$0.02332/CU.FT. |
| 14500 | Monthly Rental Rate | \$2.00/MO |
| 14520 | Methane 5%-Argon 95%, Commercial Grade, Size 226 CU. FT. Cost/CYL. \$39.21 Capacity/CYL. <u>226</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 060142 | \$0.1735/CU.FT. |
| 14540 | Monthly Rental Rate | \$4.50/MO |
| 14560 | Methane 10%-Argon 90%, Commercial Grade, Size 226 CU. FT. Cost/CYL. \$39.21 Capacity/CYL. <u>226</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 080242 | \$0.1735/CU.FT. |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|------------------------|
| 14580 | Monthly Rental Rate | \$4.50/MO |
| 14600 | Carbon Monoxide, Commercial Grade Cylinder Size 200 Cost/CYL. \$103.32 Capacity/CYL. <u>175</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 122542 | \$0.5904/CU.FT. |
| 14620 | Monthly Rental Rate | \$2.00/MO |
| 14640 | Carbon Monoxide, 99.3 Purity, Cylinder Size 30 Cost/CYL. \$52.47 Capacity/CYL. <u>25</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # 122547 | \$2.0988/CU.FT. |
| 14660 | Monthly Rental Rate | \$2.00/MO |
| 14680 | Nitric Oxide, Commercial Grade, Cylinder Size 200 Cost/CYL. \$381.60 Capacity/CYL. <u>12</u> cf. Purchase Cost for Empty CYL \$150.00 Brand - ANW Product # 462044 | \$31.80/CU.FT. |
| 14700 | Monthly Rental Rate | \$2.00/MO |
| 14720 | Carbon Dioxide 10.1%/Hydrogen 10.1%/Nitrogen 79.8%, Compressed, 210 CU.FT.. "H" Cylinder Cost/CYL. \$44.52 Capacity/CYL. <u>210</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 750336 | \$0.212/CU.FT. |
| 14740 | Monthly Rental Rate | \$4.50/MO |
| 14760 | Carbon Dioxide, Cylinder Size "E" USP Cost/CYL. \$2.97 Capacity/CYL. <u>7</u> LB Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MCDE | \$0.424/LB |
| 14780 | Monthly Rental Rate | \$5.30/MO |
| 14800 | C02-H2 Balance N2, Size 200 5, 10, 85 and 10, 10, 80, Cost/CYL. \$44.52 Capacity/CYL. <u>210</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 750333.750336 | \$0.212/CU.FT. |
| 14820 | Monthly Rental Rate | \$4.50/MO |
| 14840 | C02-H2 Balance N2, Size 300; 5, 10, 85 Cost/CYL. \$66.78 Capacity/CYL. <u>315</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 750341 | \$0.212/CU.FT. |
| 14860 | Monthly Rental Rate | \$4.50/MO |
| 14880 | Sulfur Hexaflouride, Size 2 Cost/CYL. \$140.45 Capacity/CYL. <u>2.5</u> cf Brand - ANW Product # 562843 | \$56.18/CU.FT. |
| 14900 | Monthly Rental Rate | \$ 0 /MO |
| 14920 | Xenon/Oxygen Non-Disposable Size "E" Cylinder, 33% Xenon/67% Oxygen, USP Cost/CYL. \$260.44 Capacity/CYL. <u>630</u> L Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # MXOE | \$0.4134/LITRE |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|-----------------|--|-------------------------|
| 14940 | Monthly Rental Rate | \$2.00/MO |
| 14960 | Helium Grade 5, Size 200, 99.999% Pure Cost/CYL. \$47.07 Capacity/CYL. <u>219</u> CF Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 325042 | \$0.21496/CU.FT. |
| 14980 | Monthly Rental Rate | \$4.50/MO |
| 15000 | Helium Grade 4.5, Size 219 CU. FT. Cost/CYL. \$34.82 Capacity/CYL. <u>219</u> CF Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HE200 | \$0.159/CU.FT. |
| 15020 | Monthly Rental Rate | \$4.50/MO |
| 15040 | Helium Grade 4.5, Size 291 CU. FT. Cost/CYL. \$46.27 Capacity/CYL. <u>291</u> CF Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # HE300 | \$0.159/CU.FT. |
| 15060 | Monthly Rental Rate | \$4.50/MO |
| 15080 | Helium Grade 5, 99.999% Pure, Size 291 CU. FT. Cost/CYL. \$62.55 Capacity/CYL. <u>291</u> CF Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 325041 | \$0.21496/CU.FT. |
| 15100 | Monthly Rental Rate | \$4.50/MO |
| 15160 | Helium/Oxygen, Medical USP, Size H Cost/CYL. \$50.11 Capacity/CYL. <u>161</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # MM5G1 | \$0.22768/CU.FT. |
| 15180 | Monthly Rental Rate | \$4.50/MO |
| 15200 | Lung Diffusion .3 CO., 5% Neon, 21% O2, Bal N2 Contents Shall be Certified Cost/CYL. \$62.50 Capacity/CYL. <u>176</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 020331 | \$0.3551/CU.FT. |
| 15220 | Monthly Rental Rate | \$4.50/MO |
| 15240 | Aerobic Mixture, C02-02-N2, Size 20 CU.FT.. Cost/CYL. \$26.50 Capacity/CYL. <u>20</u> cf Purchase Cost for Empty CYL \$70.00 Brand - ANW Product # 730354 | \$1.325/CU.FT. |
| 15260 | Monthly Rental Rate | \$5.30/MO |
| 15280 | UHP Liquid Argon, Size 5097 CU. FT. Cost/CYL. \$189.09 Capacity/CYL. <u>5097</u> cf Purchase Cost for Empty CYL \$2,250.00 Brand - ANW Product # LAR5HP | \$0.037/CU.FT. |
| 15300 | Monthly Rental Rate | \$25.00/MO |
| 15320 | Hydrogen Grade 5.0, 99.999%, 300 CU.FT. Cost/CYL. \$27.77 Capacity/CYL. <u>262</u> cf Purchase Cost for Empty CYL \$275.00 Brand - ANW Product # 335041 | \$0.106/CU.FT. |
| 15340 | Monthly Rental Rate | \$4.50/MO |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|---|----------------------|
| | TRANSPORTATION CHARGE (FUEL) | \$22.50 |
| | Zone # 98 Lot C VCU- Academic & Medical Campuses | |
| | GTS-Welco | |
| 15360 | Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. \$510.00 Capacity/CYL. <u>60</u> L Purchase Cost for Empty CYL \$3,250.00 Brand - GTS-WELCO Product # 1143-60L | <u>\$8.50</u> /LITRE |
| 15400 | Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. \$850.00 Capacity/CYL. <u>100</u> L Purchase Cost for Empty CYL \$3,500.00 Brand - GTS-WELCO Product # 1143-100L | <u>\$8.50</u> /LITRE |
| 15440 | Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. \$2,125.00 Capacity/CYL. <u>250</u> L Purchase Cost for Empty CYL \$5,000.00 Brand - GTS-WELCO Product # 1143-250L | <u>\$8.50</u> /LITRE |
| 15480 | Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. \$4,250.00 Capacity/CYL. <u>500</u> L Purchase Cost for Empty CYL \$7,000.00 Brand - GTS-WELCO Product # 1143-500L | <u>\$8.50</u> /LITRE |
| | TRANSPORTATION CHARGE (FUEL) | \$7.95 |

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Gases: Medical, Laboratory, Welding and Protocol

| Item No. | DESCRIPTION | Price Per Unit |
|----------|--|----------------------|
| | Zone # 98- Lot D VCU ENGINEERING CENTER Kathy Sylvania 804-828-1904 | |
| | GTS-Welco | |
| 15520 | Liquid Nitrogen LN ₂ , 3000 gal. Cryogenic Storage Tank (2-tanks) | \$0.43/GAL |
| 15540 | Monthly Rental Rate \$535 x 2 3000 gal tanks | \$1,070.00/MO |
| | TRANSPORTATION CHARGE (FUEL) | \$7.95 |

