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 Jack Kane Scott Spiers	804-649-3381 (P) 804-649-0619 (F) 804-356-1874 (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**	**GTS-Welco** Daily Delivery/Next Day Richmond Counter 1637 Commerce Road Richmond VA 23224 **After Hours Orders**	Jim Marchant	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	CITIES	AGENCY
Bland	Bristol	Southwestern Virginia Mental Health Inst.
Buchanan	Norton	Pocahontas Correctional Center
Dickenson		Bland Correctional Center
Grayson		Tazewell Correctional Unit 31
Lee		Wise Correctional Unit
Russell		Southwest VA Community College
Scott		Wytheville Community College
Smyth		Keen Mountain Correctional Center
Tazewell		Appalachian Correctional Unit
Washington		
Wise		
Wythe		

ZONE # 104

COUNTIES	CITIES	AGENCY
Carroll	Galax	Catawba Hospital
Craig	Martinsville	Dept. of Forensic Science/Western Reg. Lab
Floyd	Radford	VPI
Franklin	Roanoke	VDOT
Giles	Salem	VACOC
Henry		
Montgomery		
Patrick		
Pulaski		
Roanoke		

ZONE # 103

COUNTIES	CITIES	AGENCY
Alleghany	Bedford	Central Virginia Training Center
Amherst	Buena Vista	
Appomattox	Clifton Forge	
Bath	Covington	
Bedford	Danville	
Boutetourt	Lexington	
Campbell	Lynchburg	
Pittsylvania		
Rockbridge		

ZONE # 102

COUNTIES	CITIES	AGENCY
Amelia	Emporia	Piedmont Geriatric Hospital
Brunswick	South Boston	Dillwyn Correctional Center
Buckingham		Buckingham Correctional Center
Charlotte		
Cumberland		
Greensville		
Halifax		
Lunenburg		
Mecklenburg		
Nottoway		
Prince Edward		

ZONE # 97 Lot A

COUNTIES	CITIES	AGENCY
Isle of Wight	Chesapeake	Dept. of Forensic Science /Eastern Reg. Lab.
Surry	Franklin	ODU
Sussex	Norfolk	St. Brides Correctional Center
Southampton	Portsmouth	Indian Creek Correctional Center
	Suffolk	
	Virginia Beach	
James City	Hampton	Christopher Newport University
York	Newport News	Eastern State Hospital
	Poquoson	College of William & Mary
	Williamsburg	

ZONE # 97 Lot B

Old Dominion University

ZONE # 97 Lot C

College of William & Mary

ZONE # 101

COUNTIES	CITIES	AGENCY
Albemarle	Charlottesville	Western State Hospital
Augusta	Harrisonburg	James Madison University
Fluvanna	Staunton	Blue Ridge Community College
Greene	Waynesboro	DEQ/Surface Water Investigations
Highland		
Louisa		
Nelson		
Rockingham		

ZONE # 106

COUNTIES	CITIES	AGENCY
Accomack		State agencies and other public bodies
Northampton		

ZONE # 99

COUNTIES	CITIES	AGENCY
Caroline	Fredericksburg	Mary Washington College
Culpeper		
Essex		
Gloucester		
King and Queen		
King George		
Lancaster		
Madison		
Mathews		
Middlesex		
Northumberland		
Orange		
Richmond		
Spotsylvania		
Stafford		
Westmoreland		

ZONE # 100

COUNTIES	CITIES	AGENCY
Arlington	Alexandria	Dept. of Forensic Science–Northern Reg. Lab
Clarke	Fairfax	VPI Equine Medical Center
Fairfax	Falls Church	
Fauquier	Leesburg	
Frederick	Manassas	
Loudoun	Manassas Park	
Page	Winchester	
Prince William		
Rappahannock		
Shenandoah		
Warren		

ZONE # 98 Lot A-1

COUNTIES	CITIES	AGENCY
Charles City	Colonial Heights	Hiram Davis Medical Center
Chesterfield	Hopewell	James River Correctional Center
Dinwiddie	Petersburg	Dept. of Forensic Science/Central Lab.
Goochland	Richmond	Dept Environmental Quality
Hanover		DEQ/Air Quality Monitoring
Henrico		Dept. of Aviation
King William		DGS/Div of Consolidated Lab
New Kent		John Tyler Community College
Powhatan		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 Protocal 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**	
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 $6.56 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # OX-USP300	$0.01946/CU.FT.
00040	Monthly Rental Rate	$3.00/MO
00060	Oxygen, Size E USP Cost/CYL $5.51 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $91.087 Brand - Airgas Product # OX-USPE	$0.2295/CU.FT.
00080	Monthly Rental Rate	$3.00/MO
	ZONE # 105 **Pocahontas Correctional Center** **920 Old River Road** **Pocahontas VA 24635** **Tina Spradling 276-945-9173 ext 6221**	
00100	CO2 mix 75%CO2 25% Argon Cost/CYL $19.78 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # AR-CD25300	$0.0526/CU.FT.
00120	Monthly Rental Rate	$3.00/MO
00140	Nitrogen, Ultra High Purity 99.999% Cost/CYL $44.56 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # NI-UHP300	$0.1466/CU.FT.
00160	Monthly Rental Rate	$3.00/MO
	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 $5.64 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # OX-300	$0.0167/CU.FT.
00200	Monthly Rental Rate	$3.00/MO
00220	Acetylene Cost/CYL $18.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $312.21 Brand - Airgas Product # AC-5CL	$0.0545/CU.FT.
00240	Monthly Rental Rate	$3.00/MO
00260	Argon Cost/CYL $21.16 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # AR-300	$0.063/CU.FT.
00280	Monthly Rental Rate	$3.00/MO

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
00300	Acetylene Size B Cost/CYL $9.88 Capacity/CYL. 32 cf Purchase Cost for Empty CYL $104.287 Brand - Airgas Product # AC-B	$0.247/CU.FT.
00320	Monthly Rental Rate	$3.00/MO
00340	Oxygen Size B Cost/CYL $2.36 Capacity/CYL. 40 cf Purchase Cost for Empty CYL $104.287 Brand - Airgas Product # OX-40	$0.0576/CU.FT.
00360	Monthly Rental Rate	$3.00/MO
00380	Acetylene,Size 4 CGA 510 Cost/CYL $18.00 Capacity/CYL. 132cf Purchase Cost for Empty CYL $184.462 Brand - Airgas Product # AC-4CL	$0.1363/CU.FT.
00400	Monthly Rental Rate	$3.00/MO
00420	Helium- Industrial Grade Cost/CYL $41.76 Capacity/CYL. 125 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # HE-300	$0.3762/CU.FT.
00440	Monthly Rental Rate	$3.00/MO
00460	Nitrogen - Industrial Grade Cost/CYL $2.98 Capacity/CYL. 125 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # NI-300	$0.0257/CU.FT.
00480	Monthly Rental Rate	$3.00/MO
00500	Acetylene,Size 4 CGA 510 Cost/CYL $17.9916 Capacity/CYL. 132 cf Purchase Cost for Empty CYL $184.462 Brand Airgas Product # AC4	$0.1363/CU.FT.
00520	Monthly Rental Rate	$3.00/MO
00540	Acetylene, Size B Cost/CYL $3.88 Capacity/CYL. 40 cf Purchase Cost for Empty CYL $104.287 Brand - Airgas Product # AC-B	$0.0946/CU.FT.
00560	Monthly Rental Rate	$3.00/MO
00580	Oxygen Industrial Cost/CYL $4.77 Capacity/CYL. 200 cf Purchase Cost for Empty CYL $279.675 Brand - Airgas Product # OX-200	$0.019/CU.FT.
00600	Monthly Rental Rate	$3.00/MO
00620	Oxygen Industrial Cost/CYL $6.40 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # OX-300	$0.0189/CU.FT.
00640	Monthly Rental Rate	$3.00/MO
00660	Carbon Dioxide - CGA 320 Cost/CYL $9.62 Capacity/CYL. 64 LB. Purchase Cost for Empty CYL $127.47 Brand - Airgas Product # CD-50	$0.1924/LB.
00680	Monthly Rental Rate	$3.00/MO
	TRANSPORTATION CHARGE (FUEL)	**$15.00**
	ZONE #104	
	Robert's Oxygen	

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Item No.	DESCRIPTION	Price Per Unit
	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.
00760	Monthly Rental Fee	$5.00/MO
00780	Oxygen, Size E USP Cost/CYL. $2.50 Capacity/CYL. 25 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. 300 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. 300 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. 255 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. 191 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. 219 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. 291 cf Purchase Cost for Empty CYL $197.17 Brand - Roberts Oxygen Product #MS121371018	$0.70/CU.FT.
01040	Monthly Rental Rate	$5.00/MO

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Item No.	DESCRIPTION	Price Per Unit
01060	Liquid Nitrogen, Low Pressure, Cost/CYL. $35.00 Capacity/CYL. 3640 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
	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. 282 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. 25 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. 6.56 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. 50 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.300 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**	
01380	Oxygen Cost/CYL. $5.64 Capacity/CYL. 282 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. 300 cf Purchase Cost for Empty CYL $227.97 Brand - Roberts Oxygen Product # R4	$0.25/CU.FT.
01440	Monthly Rental Rate	$5.00/MO

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Item No.	DESCRIPTION	Price Per Unit
01460	Helium Cost/CYL. $56.94 Capacity/CYL. 219 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. 300 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. 300 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 132 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 145 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 40 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. 80 cf Purchase Cost for Empty CYL $114.30 Brand - Roberts Oxygen Product # R141	$0.10/CU.FT.
01720	Monthly Rental Rate	$5.00/MO
01740	Nitrogen - Industrial Grade Cost/CYL. $4.00 Capacity/CYL. 200 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. 300 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. 300 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. 200 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. 150 cf Purchase Cost for Empty CYL $149.23 Brand - Roberts Oxygen Product # R1	$0.20/CU.FT.
01920	Monthly Rental Rate	$5.00/MO

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Item No.	DESCRIPTION	Price Per Unit
01940	Oxygen Industrial Cost/CYL. $3.00 Capacity/CYL. 20 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. 64 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. 10 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	
	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. 4.16 Capacity/CYL. 256 cf Purchase Cost for Empty CYL $279.675 Brand - Airgas Product # OX-USP200	$0.322/CU.FT.
02080	Monthly Rental Rate	$3.00/MO
02120	Oxygen, Medical USP Cost/CYL. $2.20 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $91.087 Brand - Airgas Product # CD-USPE	$0.0917/CU.FT.
02140	Monthly Rental Rate	$3.00/MO
02160	Oxygen Medical USP Cost/CYL. $2.12 Capacity/CYL. 13 cf Purchase Cost for Empty CYL $70.00 Brand - Airgas Product # OX-USPD	$0.1413/CU.FT.
02180	Monthly Rental Rate	$3.00/MO
02200	Nitrous Oxide, USP E Cost/CYL. $29.88 Capacity/CYL. 6.5 LB Purchase Cost for Empty CYL $91.087 Brand - Airgas Product # NS-USPE	$4.2686/LB
02220	Monthly Rental Rate	$3.00/MO
02240	Carbon Dioxide, USP Cost/CYL. $2.20 Capacity/CYL. 7 LBS Purchase Cost for Empty CYL $91.087 Brand - Airgas Product # CD-USPE	$0.3143/LB.
02260	Monthly Rental Rate	$3.00/MO
02280	Nitrogen, NF Cost/CYL. $2.16 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $75.00 Brand - Airgas Product # NI-NF20	$0.12/CU.FT.
02300	Monthly Rental Rate	$3.00/MO

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Item No.	DESCRIPTION	Price Per Unit
02320	Oxygen, Liquid, 4500 CU. FT. Cost/CYL. $41.54 Capacity/CYL. 160 L Purchase Cost for Empty CYL $2,930.00 Brand - Airgas Product # OX-160LT230	$0.0091/LITRE
02340	Monthly Rental Rate	$37.50/MO
02360	Oxygen, Standard grade Cost/CYL. $3.34 Capacity/CYL. 141 cf Purchase Cost for Empty CYL $219.06 Brand - Airgas Product # OX-150	$0.0214/CU.FT.
02380	Monthly Rental Rate	$3.00/MO
	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. $5.64 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # OX-300	$0.0167/CU.FT.
02420	Monthly Rental Rate	$3.00/MO
02460	Acetylene, # 4 Cost/CYL. $18.00 Capacity/CYL 132 cf Purchase Cost for Empty CYL $184.462 Brand - Airgas Product # AC-4CL	$0.1363/CU.FT.
02480	Monthly Rental Rate	$3.00/MO
02500	Argon, Standard grade Cost/CYL. $21.16 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # AR-300	$0.063/CU.FT.
02520	Monthly Rental Rate	$3.00/MO
02540	Argon/CO2, 75/25 Cost/CYL. $19.78 Capacity/CYL. 390 cf Purchase Cost for Empty CYL $318.615 Brand - Airgas Product # AR-CD25300	$0.0526/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. 23 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. 200 cf Purchase Cost for Empty CYL $190.28 Brand - Roberts Oxygen Product # R5	$0.0200/CU.FT.
02640	Monthly Rental Rate	$5.00/MO

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Item No.	DESCRIPTION	Price Per Unit
	GASES, MEDICAL & LABORATORY ZONE # 102 **Dillwyn Correctional Center** **1522 Prison Road** **Dillwyn VA 23936** **Jackie Williams Phone (434) 983-4200 ext 4881**	
02660	Oxygen, Cylinder Size E USP Cost/CYL. $2.30 Capacity/CYL. 23 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. 14 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. 282 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. 300 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. 336 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. 50 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**
	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. $6.01 Capacity/CYL. 234 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MBAG	$0.0257/CU.FT.

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Item No.	DESCRIPTION	Price Per Unit
02920	Monthly Rental Rate	$4.50/MO
02940	Nitrogen, UPC 99.9999% Cost/CYL. $60.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 475041	$0.20/CU.FT.
02960	Monthly Rental Rate	$4.50/MO
02980	Compressed Air, Grade "Zero", UHP Cost/CYL. $32.96 Capacity/CYL. 311 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 020341	$0.106/CU.FT.
03000	Monthly Rental Rate	$4.50/MO
03200	Helium, High Purity Grade 99.995% Cost/CYL. $36.13 Capacity/CYL. 219 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HE200	$0.16/CU.FT.
03220	Monthly Rental Rate	$4.50/MO
03240	Helium, Research Grade 99.9999% Cost/CYL. $154.23 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 326041	$0.53/CU.FT.
03260	Monthly Rental Rate	$4.50/MO
03280	Methane 5% - Argon 95% Cost/CYL. $36.99 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 060142	$0.1637/CU.FT.
03300	Monthly Rental Rate	$4.50/MO
03320	Liquid Nitrogen, Low Pressure Cost/CYL. $28.47 Capacity/CYL. 3650 cf Purchase Cost for Empty CYL $1,850.00 Brand - ANW Product # LNS5HP	$0.0078/CU.FT.
03340	Monthly Rental Rate	$35.00/MO
03360	Methane, Grade 99.995% Cost/CYL. $235.67 Capacity/CYL. 356 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 404056	$0.662/CU.FT.
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. $59.01 Capacity/CYL. 304 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325041	$0.2028/CU.FT.
03440	Monthly Rental Rate	$4.50/MO
03460	Helium, Standard Grade Cost/CYL. $52.38 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HE300	$0.18/CU.FT.
03480	Monthly Rental Rate	$4.50/MO
03500	Oxygen Cost/CYL. $4.93 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.0175/CU.FT.
03520	Monthly Rental Rate	$4.50/MO
03540	Oxygen Cost/CYL. $3.50 Capacity/CYL. 20 cf Purchase Cost for Empty CYL $100.00 Brand - ANW Product # OX20	$0.175/CU.FT.

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Item No.	DESCRIPTION	Price Per Unit
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. $3.00 Capacity/CYL. 25 CF Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MOAE	$0.12/CU.FT.
03600	Monthly Rental Rate	$5.30/MO
03620	Oxygen Medical USP - bulk 900 Gallon Tank	$0.62/CU.FT.
03640	Monthly Rental Rate	$2.90/MO
03660	Oxygen, USP Size B Cost/CYL. $1.80 Capacity/CYL. 15 CF Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MOAB	$0.12/CU.FT.
03680	Monthly Rental Rate	$5.30/MO
03700	Oxygen, USP Size G Cost/CYL. $4.39 Capacity/CYL. 251 CF Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MO200	$0.0175/CU.FT.
03720	Monthly Rental Rate	$4.50/MO
03740	Nitrous Oxide, USP Size E Cost/CYL. $6.50 Capacity/CYL. 6.5 LB Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MNOE	$1.00/LB.
03760	Monthly Rental Rate	$5.30/MO
03780	Nitrous Oxide, USP Size G Cost/CYL. $39.84 Capacity/CYL. 498 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MNOG	$0.08/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. $3.30 Capacity/CYL. 25 cf. Purchase Cost for Empty CYL $175.00 Brand - ANW Product # MWBOAE	$0.132/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** **Chesapeak 23322**	
03820	Oxygen Cost/CYL. $3.50 Capacity/CYL. 20 CF Purchase Cost for Empty CYL $70.00 Brand - ANW Product # OX20	$0.175/CU.FT.
03840	Monthly Rental Rate	$4.50/MO
03860	Acetylene Cost/CYL. $5.00 Capacity/CYL. 10 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # ACMC	$0.50/CU.FT.
03880	Monthly Rental Rate	$4.50/MO

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Item No.	DESCRIPTION	Price Per Unit
03900	Argon Cost/CYL. $16.80 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.05/CU.FT.
03920	Monthly Rental Rate	$4.50/MO
03940	Nitrogen Cost/CYL. $5.32 Capacity/CYL. 304 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NI300	$0.0175/CU.FT.
03960	Monthly Rental Rate	$4.50/MO
03980	Oxygen Cost/CYL. $4.39 Capacity/CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.0175/CU.FT.
04000	Monthly Rental Rate	$4.50/MO
04020	Acetylene Cost/CYL. $31.86 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $250.00 Brand - ANW Product # AC400	$0.1062/CU.FT.
04040	Monthly Rental Rate	$4.50/MO
04060	Argon Cost/CYL. $16.80 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.05/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. $31.86 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $250.00 Brand - ANW Product # AC300	$0.1062/CU.FT.
04120	Monthly Rental Rate	$4.50/MO
04140	Air Breathing, 234 CU. FT. Cost/CYL. $4.68 Capacity/CYL. 234 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # BA200	$0.02/CU.FT.
04160	Monthly Rental Rate	$4.50/MO
04180	Air, Zero Grade, Size K, - 2.0 Grade, 230 CU. FT. Cost/CYL. $28.75 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 020342	$0.125/CU.FT.
04200	Monthly Rental Rate	$4.50/MO
04220	Argon, Size 336 CU. FT. Cost/CYL. $16.80 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.05/CU.FT.
04240	Monthly Rental Rate	$4.50/MO
04260	Carbon Dioxide, Medical, USP Cost/CYL. $8.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MCDG	$0.16/LB
04280	Monthly Rental Rate	$4.50/MO
04300	Carbon Dioxide with Dip Tube Cost/CYL. $8.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # CD50T	$0.16/LB

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Item No.	DESCRIPTION	Price Per Unit
04320	Monthly Rental Rate	$4.50/MO
04340	Helium, UPC Commercial, Cost/CYL. $43.80 Capacity/CYL. 219 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HE200	$0.20/CU.FT.
04360	Monthly Rental Rate	$4.50/MO
04380	Helium, High Purity, 99.995% Cost/CYL. $39.42 Capacity/CYL. 219 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 324742	$0.18/CU.FT.
04400	Monthly Rental Rate	$4.50/MO
04420	Helium, UHP 99.999%, Cost/CYL. $54.75 Capacity/CYL. 219 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325042	$0.25/CU.FT.
04440	Monthly Rental Rate	$4.50/MO
04460	Hydrogen, UHP, 99.999% Cost/CYL. $28.98 Capacity/CYL. 215 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 335042	$0.1348/CU.FT.
04480	Monthly Rental Rate	$4.50/MO
04500	Nitrogen, Industrial Grade, Cost/CYL. $3.99 Capacity/CYL. 228 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NI200	$0.0175/CU.FT.
04520	Monthly Rental Rate	$4.50/MO
04540	Nitrogen, Ultra High Grade, 99.999% Cost/CYL. $25.07 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 475042	$0.109/CU.FT.
04560	Monthly Rental Rate	$4.50/MO
04580	Nitrogen, Dry, Cost/CYL. $4.02 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NI200	$0.0175/CU.FT.
04600	Monthly Rental Rate	$4.50/MO
04620	Nitrogen, Low Pressure, Cost/CYL. $26.28 Capacity/CYL. 3650 cf Purchase Cost for Empty CYL $1,850.00 Brand - ANW Product # LNS45	$0.0072/CU.FT.
04640	Monthly Rental Rate	$35.00/MO
04660	Nitrogen, Liquid, 200 Litres Cost/CYL. $50.00 Capacity/CYL. 200 L Purchase Cost for Empty CYL $2,250.00 Brand - ANW Product # LNMR1	$0.25/LITRE
04680	Monthly Rental Rate	$40.00/MO
04700	Nitrogen, Liquid Cost/CYL. $0.525 Capacity/CYL. 30 cf Purchase Cost for Empty CYL $100.00 Brand - ANW Product # LNDC	$0.0175/CU.FT.
04720	Monthly Rental Rate	$ 0 /MO
04740	Nitrous Oxide, Cost/CYL. $45.44 Capacity/CYL. 64 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MNOH	$0.71/LB
04760	Monthly Rental Rate	$4.50/MO
04780	Oxygen, Size K Cost/CYL. $4.39 Capacity/CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.0175/CU.FT.

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Item No.	DESCRIPTION	Price Per Unit
04800	Monthly Rental Rate	$4.50/MO
04820	Oxygen, size 150 CU. FT Cost/CYL. $2.50 Capacity/CYL. 125 Purchase Cost for Empty CYL $175.00 Brand - ANW Product # OX100	$0.02/CU.FT.
04840	Monthly Rental Rate	$4.50/MO
04860	Oxygen, Medical, Size E USP Cost/CYL. $2.76 Capacity/CYL. 23 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MOAE	$0.12/CU.FT.
04880	Monthly Rental Rate	$5.30/MO
04900	Oxygen, Ultra High Purity 99.999% Cost/CYL. $39.28 Capacity/C178CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 514442	$0.1565/CU.FT.
04920	Monthly Rental Rate	$4.50/MO
04940	P-10, Methane 10%, Argon 90% Cost/CYL. $36.99 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 080242	$0.1637/CU.FT.
04960	Monthly Rental Rate	$4.50/MO
04980	P-90, Argon 10% Cost/CYL. $59.89 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 715821	$0.0265/CU.FT.
05000	Monthly Rental Rate	$2.00/MO
05020	Nitrogen, Liquid, 148 Liters Cost/CYL. $26.20 Capacity/CYL. 148 L Purchase Cost for Empty CYL $1,850.00 Brand - ANW Product # LNS5HP	$0.177/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. 100 L Purchase Cost for Empty CYL $3,250.00 Brand - LINDE Product # HE L100	$7.75/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	Heluim, Liquid - 100 L **University owned tank**	$8.50/LITRE

Item No.	DESCRIPTION	Price Per Unit
	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.
	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. $2.10 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $50.00 Brand - Airgas Product # OX USPE	$0.084/CU.FT.
05180	Monthly Rental Rate	$2.75/MO
05200	Oxygen, Compressed, USP Cost/CYL. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX USP200	$0.02305/CU.FT.
05220	Monthly Rental Rate	$2.75/MO
05240	Oxygen, USP Cost/CYL. $6.00 Capacity/CYL. 141 cf Purchase Cost for Empty CYL $150.00 Brand - Airgas Product # OX USP150	$0.04255/CU.FT.
05260	Monthly Rental Rate	$2.75/MO
05280	Oxygen, Liquid, USP Cost/CYL. $34.00 Capacity/CYL. 4500 cf Purchase Cost for Empty CYL $2,250.00 Brand - Airgas Product # OX USP160LT230	$0.007555/CU.FT.
05300	Monthly Rental Rate	$28.95/MO
05320	Carbon Dioxide,CO2 Extra dry Cost/CYL. $9.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # CD BD200	$0.18/LB.
05340	Monthly Rental Rate	$2.75/MO
	Zone #101 **James Madison University** **South Main Street** **Harrisonburg, VA 22807** **Ms. Carol Sweger** **Phone: (540) 568-3140**	

Item No.	DESCRIPTION	Price Per Unit
05360	Helium, Zero Grade Cost/CYL. $61.00 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE Z300	$0.2096/CU.FT.
05380	Monthly Rental Rate	$2.75/MO
05400	Carbon Dioxide CO2 - Extra dry Cost/CYL. $9.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # CD BD200	$0.18/LB.
05420	Monthly Rental Rate	$2.75/MO
05440	Carbon Dioxide - CO2 Standard Grade, Cost/CYL. $7.00 Capacity/CYL. 20 LB Purchase Cost for Empty CYL $105.00 Brand - Airgas Product # CD 20	$0.35/LB.
05460	Monthly Rental Rate	$2.75/MO
	Univ Rec Ctr - Erin Erford	
05480	Helium, Zero Grade, Cost/CYL. $61.00 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE Z300	$0.2096/CU.FT.
05500	Monthly Rental Rate	$2.75/MO
05520	**JMU owned tank** Carbon Dioxide CO2, Bulk, 400 lb Brand - Airgas Product # CD 160LT350	$0.25/LB.
	Art - Karen Gerard	
05540	Acetylene # 3 Medium Cost/CYL. $15.00 Capacity/CYL. 75 cf Purchase Cost for Empty CYL $100.00 Brand - Airgas Product # AC 3	$0.20/CU.FT.
05560	Monthly Rental Rate	$2.75/MO
05580	Argon Cost/CYL. $6.50 Capacity/CYL. 80 cf Purchase Cost for Empty CYL $120.00 Brand - Airgas Product # AR 80	$0.08125/CU.FT.
05600	Monthly Rental Rate	$2.75/MO
05620	Argon-CO2 mixture 75/25 Cost/CYL. $6.75 Capacity/CYL. 80 cf Purchase Cost for Empty CYL $120.00 Brand - Airgas Product # AR CD2580	$0.0844/CU.FT.
05640	Monthly Rental Rate	$2.75/MO
05660	Argon-CO2 mixture, 75/25 Cost/CYL. $9.25 Capacity/CYL. 150 cf Purchase Cost for Empty CYL $150.00 Brand - Airgas Product # AR CD25150	$0.0617/CU.FT.
05680	Monthly Rental Rate	$2.75/MO
05700	Oxygen, Standard grade Cost/CYL. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX 200	$0.02305/CU.FT.
05720	Monthly Rental Rate	$2.75/MO
05740	Oxygen, Standard grade Cost/CYL. $6.00 Capacity/CYL. 141 cf Purchase Cost for Empty CYL $150.00 Brand - Airgas Product # OX 150	$0.0425/CU.FT.
05760	Monthly Rental Rate	$2.75/MO
05780	Argon - Standard Grade, Cost/CYL. $14.35 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AR 300	$0.0427/CU.FT.
05800	Monthly Rental Rate	$2.75/MO

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
	Biology - Joyce Tillett	
05820	Carbon Dioxide CO2 - Standard Grade Cost/CYL. $9.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # CD 50	$0.18/LB.
05840	Monthly Rental Rate	$2.75/MO
05860	Nitrogen - Standard Grade Cost/CYL. $6.00 Capacity/CYL. 128 cf Purchase Cost for Empty CYL $150.00 Brand - Airgas Product # NI 150	$0.047/CU.FT.
05880	Monthly Rental Rate	$2.75/MO
05900	Nitrogen - Standard Grade Cost/CYL. $6.50 Capacity/CYL. 255 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # NI 200	$0.02549/CU.FT.
05920	Monthly Rental Rate	$2.75/MO
05940	Argon - Standard Grade Cost/CYL. $14.35 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AR 300	$0.0427/CU.FT.
05960	Monthly Rental Rate	$2.75/MO
05980	Helium, Standard grade Cost/CYL. $56.00 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE 300	$0.1924/CU.FT.
06000	Monthly Rental Rate	$2.75/MO
06020	Oxygen, Medical USP Cost/CYL. $2.10 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $50.00 Brand - Airgas Product # OX USPE	$0.084/CU.FT.
06040	Monthly Rental Rate	$2.75/MO
06060	Oxygen, USP Cost/CYL. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX USP200	$0.023/CU.FT.
06080	Monthly Rental Rate	$2.75/MO
06100	**JMU owned tank** Liquid Nitrogen - Standard Grade Capacity/CYL. 240 cf Brand - Airgas Product # NI 240LT230	$0.2083 /LITRE
	Physics - Art Fovargue	
06120	Liquid Nitrogen - Standard Grade Cost/CYL. $26.00 Capacity/CYL. 3650 cf Purchase Cost for Empty CYL $2,250.00 Brand - Airgas Product # NI 160LT230	$0.0071/CU.FT.
06140	Monthly Rental Rate	$24.00/MO
06160	Helium, A, Zero Grade Cost/CYL. $61.00 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE Z300	$0.2096/CU.FT.
06180	Monthly Rental Rate	$2.75/MO
06200	Oxygen, USP Cost/CYL. $6.50 Capacity/CYL 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX USP200	$0.023/CU.FT.
06220	Monthly Rental Rate	$2.75/MO
06240	Argon UHP 99.999% Cost/CYL. $17.90 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AR UHP300	$0.0597/CU.FT.

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

Item No.	DESCRIPTION	Price Per Unit
06260	Monthly Rental Rate	$2.75/MO
06280	Hydrogen - Standard grade Cost/CYL. $11.00 Capacity/CYL. 216 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # HY 200	$0.0509/CU.FT.
06300	Monthly Rental Rate	$2.75/MO
06320	Methane compressed CP Size 2 Cost/CYL. $48.00 Capacity/CYL. 100 cf Purchase Cost for Empty CYL $120.00 Brand - Airgas Product # ME CP80	$0.48/CU.FT.
06340	Monthly Rental Rate	$2.75/MO
	Chemistry - Heather Armstrong	
06360	Argon, UHP Cost/CYL. $17.90 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AR UHP300	$0.0597/CU.FT.
06380	Monthly Rental Rate	$2.75/MO
06400	Oxygen- USP Cost/CYL. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX USP200	$0.02305/CU.FT.
06420	Monthly Rental Rate	$2.75/MO
06440	Breathing Air, Standard Purity Cost/CYL. $5.00 Capacity/CYL. 310 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AI B300	$0.0161/CU.FT.
06460	Monthly Rental Rate	$2.75/MO
06480	Acetylene - Size 4 Cost/CYL. $24.00 Capacity/CYL. 132 cf Purchase Cost for Empty CYL $125.00 Brand - Airgas Product # AC 4	$0.1818/CU.FT.
06500	Monthly Rental Rate	$2.75/MO
06520	Air, Ultra Zero grade thc< .5ppm Purity 99.998% Cost/CYL. $13.24 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AI Z300	$0.0441/CU.FT.
06540	Monthly Rental Rate	$2.75/MO
06560	Amonia Capacity/CYL. 15 LB Purchase Cost for Empty CYL $150.00 Brand - Airgas Product # AM AN80N705	$105.00/CU.FT.
06580	Monthly Rental Rate	$2.75/MO
06600	Argon Liquid Cost/CYL. $175.00 Capacity/CYL. 160 L Purchase Cost for Empty CYL $2,250.00 Brand - Airgas Product # AR 160LT230	$1.094/LITRE
06620	Monthly Rental Rate	$28.95/MO
06640	Carbon Dioxide, dip tube Cost/CYL. $9.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $210.00 Brand - Airgas Product # CD 50S	$0.18/LB
06660	Monthly Rental Rate	$2.75/MO
06680	Carbon Dioxide, extra dry Cost/CYL. $9.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # CD BD200	$0.18/LB
06700	Monthly Rental Rate	$2.75/MO

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

Item No.	DESCRIPTION	Price Per Unit
06720	Carbon monoxide UHP 99.999% Cost/CYL. $249.00 Capacity/CYL. 175 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # CM UHP200	$1.423/CU.FT.
06740	Monthly Rental Rate	$2.75/MO
06760	Heluim Standard Cost/CYL. $56.00 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE 300	$0.1924/CU.FT.
06780	Monthly Rental Rate	$2.75/MO
06800	Helium, Zero grade 99.995% Purity Cost/CYL. $61.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE Z300	$0.2033/CU.FT.
06820	Monthly Rental Rate	$2.75/MO
06840	Helium, UPC - Carrier grade 99.9995% Cost/CYL. $69.50 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE UPC300	$0.2317/CU.FT.
06860	Monthly Rental Rate	$2.75/MO
06880	Hydrogen, Standard grade Cost/CYL. $11.00 Capacity/CYL. 216 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # HY 200	$0.051/CU.FT.
06900	Monthly Rental Rate	$2.75/MO
06920	Hydrogen, UHP 99.999% purity Cost/CYL. $15.95 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HY UHP300	$0.05317/CU.FT.
06940	Monthly Rental Rate	$2.75/MO
06960	Nitrogen, UPC Carrier grade 99.9995% Cost/CYL. $19.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # NI UPC300	$0.0633/CU.FT.
06980	Monthly Rental Rate	$2.75/MO
07000	Nitrous Oxide, USP Cost/CYL. $47.95 Capacity/CYL. 65 LB Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # NS USP65	$0.738/LB.
07020	Monthly Rental Rate	$2.75/MO
07040	Oxygen, UHP Cost/CYL. $29.95 Capacity/CYL. 244 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX UHP200	$0.1227/CU.FT.
07060	Monthly Rental Rate	$2.75/MO
07080	Oxygen, Standard grade Cost/CYL. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX 200	$0.02305/CU.FT.
07100	Monthly Rental Rate	$2.75/MO
07120	Nitrogen - Standard Grade Cost/CYL. $6.50 Capacity/CYL. 255 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # NI 200	$0.0255/CU.FT.
07140	Monthly Rental Rate	$2.75/MO
	Geology & Envir Sci - Cindy Kearns	
07160	Breathing Air, Standard Purity Cost/CYL. $5.00 Capacity/CYL. 310 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AI B300	$0.0161/CU.FT.

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
07180	Monthly Rental Rate	$2.75/MO
07200	Acetylene, Atomic Grade Cost/CYL. $75.00 Capacity/CYL. 290 Purchase Cost for Empty CYL $230.00 Brand - Airgas Product # AC AA5	$0.2586/CU.FT.
07220	Monthly Rental Rate	$2.75/MO
07240	Helium, UPC 99.9995% Cost/CYL. $69.50 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE UPC300	$0.232/CU.FT.
07260	Monthly Rental Rate	$2.75/MO
	Garage - Terry Hemp	
07280	Nitrogen, UHP Cost/CYL. $13.24 Capacity/CYL. 255 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # NI UHP200	$0.519/CU.FT.
07300	Monthly Rental Rate	$2.75/MO
07320	Breathing Air, Standard Purity Cost/CYL. $5.00 Capacity/CYL. 310 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AI B300	$0.0161/CU.FT.
07340	Monthly Rental Rate	$2.75/MO
07360	Hydrogen - Standard Grade Cost/CYL. $11.00 Capacity/CYL. 199 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # HY200	$0.0553/CU.FT.
07380	Monthly Rental Rate	$2.75/MO
07400	Acetylene, Atomic Grade Cost/CYL. $75.00 Capacity/CYL. 290 cf Purchase Cost for Empty CYL $230.00 Brand - Airgas Product # AC AA5	$0.2586/CU.FT.
07420	Monthly Rental Rate	$2.75/MO
	Animal Lab - Cheryl Talley	
07440	Carbon Dioxide - Standard Grade Cost/CYL. $7.00 Capacity/CYL. 20 LB Purchase Cost for Empty CYL $105.00 Brand - Airgas Product # CD 20	$0.35/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. $13.24 Capacity/CYL 244 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # NI UHP200	$0.0543/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. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX USP200	$0.02305/CU.FT.
07540	Monthly Rental Rate	$2.75/MO

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Item No.	DESCRIPTION	Price Per Unit
07560	Oxygen, USP Cost/CYL. $2.10 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $50.00 Brand - Airgas Product # OX USPE	$0.084/CU.FT.
07580	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).**	
07600	Oxygen, Standard grade Cost/CYL. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX 200	$0.02305/CU.FT.
07620	Monthly Rental Rate	$2.75/MO
07640	Acetylene Cost/CYL. $55.00 Capacity/CYL. 290 cf Purchase Cost for Empty CYL $230.00 Brand - Airgas Product # AC 5	$0.1897/CU.FT.
07660	Monthly Rental Rate	$2.75/MO
07680	Argon Cost/CYL. $14.35 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AR 300	$0.0427/CU.FT.
07700	Monthly Rental Rate	$2.75/MO
07720	Oxygen, USP Cost/CYL. $2.10 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $50.00 Brand - Airgas Product # OX USPE	$0.084/CU.FT.
07740	Monthly Rental Rate	$2.75/MO
07760	Carbon Dioxide, CO2 Cost/CYL. $9.00 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # CD 50	$0.18/LB
07780	Monthly Rental Rate	$2.75/MO
07800	Helium, Standard grade Cost/CYL. $25.00 Capacity/CYL. 122 cf Purchase Cost for Empty CYL $150.00 Brand - Airgas Product # HE 150	$0.205/CU.FT.
07820	Monthly Rental Rate	$2.75/MO
07840	Nitrons Oxide USP Cost/CYL. $47.95 Capacity/CYL. 65 LB Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # NS USP65	$0.7377/LB
07860	Monthly Rental Rate	$2.75/MO
07880	Oxygen, Refill Only	$0.023/CU.FT.
07900	Acetylene, Refill Only	$0.182/CU.FT.
07920	Optional: Hydro Test	$20.00/EA
07940	Optional: Valve Test	$16.00/EA
	TRANSPORTATION CHARGE (FUEL)	**$9.67**
	ZONE #106	
	Airgas East	
	GASES, WELDING **All State Agencies and Other Public Bodies**	

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Item No.	DESCRIPTION	Price Per Unit
07960	Oxygen Cost/CYL. $8.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX 200	$0.301/CU.FT.
07980	Monthly Rental Rate	$3.45/MO
08000	Acetylene Cost/CYL. $60.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $230.00 Brand - Airgas Product # AC 5	$0.20/CU.FT.
08020	Monthly Rental Rate	$3.45/MO
08040	Argon Cost/CYL. $17.35 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AR 300	$0.0516/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. $46.00 Capacity/CYL. 250 cf Purchase Cost for Empty CYL $200.00 Brand - Airgas Product # AC 4.5	$0.184/CU.FT.
08100	Monthly Rental Rate	$2.75/MO
08120	Acetylene, Size 5 Cost/CYL. $55.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $230.00 Brand - Airgas Product # AC 5	$0.1833/CU.FT.
08140	Monthly Rental Rate	$2.75/MO
08160	Air, Zero Grade Cost/CYL. $13.24 Capacity/CYL. 310 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # AI Z300	$0.0427/CU.FT.
08180	Monthly Rental Rate	$2.75/MO
08200	Argon Liquid Cost/CYL. $175.00 Capacity/CYL. 4300 cf Purchase Cost for Empty CYL $2,250.00 Brand - Airgas Product # AR 160LT230	$0.0407/CU.FT.
08220	Monthly Rental Rate	$28.95/MO
08240	Carbon dioxide Cost/CYL. $9.00 Capacity/CYL. 50 LB. Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # CD 50	$0.18/LB
08260	Monthly Rental Rate	$2.75/MO
08280	Helium Cost/CYL. $56.00 Capacity/CYL. 291cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE 300	$0.1924/CU.FT.
08300	Monthly Rental Rate	$2.75/MO
08320	Helium UHP Grade 99.999% Cost/CYL. $63.00 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $220.00 Brand - Airgas Product # HE UHP300	$.2165/CU.FT.

Item No.	DESCRIPTION	Price Per Unit
08340	Monthly Rental Rate	$2.75/MO
08360	Nitrogen Cost/CYL. $6.50 Capacity/CYL. 255 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # NI 200	$0.02549/CU.FT.
08380	Monthly Rental Rate	$2.75/MO
08400	Oxygen, USP Grade Cost/CYL. $6.50 Capacity/CYL. 282 cf Purchase Cost for Empty CYL $196.00 Brand - Airgas Product # OX USP200	$0.02305/CU.FT.
08420	Monthly Rental Rate	$2.75/MO
	TRANSPORTATION CHARGE (FUEL)	**$9.67**
	ZONE #100	
	Robert's Oxygen	
	GASES, MEDICAL & LABORATORY **Dept. of Forensic Science/Northern VA** **9797 Braddock Road, #200** **Fairfax, VA 22032-1744** **Ms. Patty Jackson** **Phone: (703) 764-4600**	
08440	Nitrogen, Ultra Pure, Carrier Grade, 99.9995%. Cost/CYL. $11.35 Capacity/CYL. 228 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. 216 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. 216 cf Purchase Cost for Empty CYL $190.28 Brand - Roberts Oxygen Product # R102F2	$0.21/CU.FT.
08540	Monthly Rental Rate	$6.00/MO
08560	Helium, Research Grade 99.999% Cost/CYL. $80.08 Capacity/CYL. 286 cf Purchase Cost for Empty CYL $190.28 Brand - Roberts Oxygen Product # R103B2	$0.28/CU.FT.
08580	Monthly Rental Rate	$6.00/MO
08600	Argon, High Purity Grade 99.995% Cost/CYL. $14.68 Capacity/CYL. 336 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. 3650 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. 200 cf Purchase Cost for Empty CYL $190.28 Brand - Roberts Oxygen Product # R68	$0.020/CU.FT.
08700	Monthly Rental Rate	$4.50/MO

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Item No.	DESCRIPTION	Price Per Unit
08720	Methane, Research 4.0 CGA: 350 vd: 260 Cost/CYL. $239.00 Capacity/CYL. 300 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 Thc <0.1 ppm, Cost/CYL. $35.00 Capacity/CYL. 300 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 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 Cost/CYL. $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 Cost/CYL. $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
09000	Breathing Air, Size H Cost/CYL. $4.00 Capacity/CYL. 200 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 C02 w/Siphon (Dry Ice), H Size Cost/CYL. $7.50 Capacity/CYL. 50 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. 5,400 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

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

Item No.	DESCRIPTION	Price Per Unit
	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. 251 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. 325 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. 336 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	
	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. $3.76 Capacity/CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MO200	$0.015/CU.FT.
09280	Monthly Rental Rate	$4.50/MO
09300	Oxygen, USP Size E Cost/CYL. $1.85 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MOE	$0.074/CU.FT.
09320	Monthly Rental Rate	$4.50/MO
09340	Carbon Dioxide, Industrial CO2 Cost/CYL. $6.25 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # CD50	$0.125/LB
09360	Monthly Rental Rate	$4.50/MO
09380	Compressed Air Cost/CYL. $5.85 Capacity/CYL. 234 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # BA200	$0.025/CU.FT.
09400	Monthly Rental Rate	$4.50/MO
09420	Nitrous Oxide, USP Size G Cost/CYL. $33.60 Capacity/CYL. 56 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MNOG	$0.60/LB
09440	Monthly Rental Rate	$4.50/MO

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
09460	Nitrous Oxide, USP Size E Cost/CYL. $5.60 Capacity/CYL. 56 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MNOE	$0.10/CU.FT.
09480	Monthly Rental Rate	$4.50/MO
09500	Nitrogen NF Cost/CYL. $3.42 Capacity/CYL. 228 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MNIG	$0.015/CU.FT.
09520	Monthly Rental Rate	$4.50/MO
09540	Liquid Oxygen, USP Cost/CYL. $43.82 Capacity/CYL. 5,156 cf Purchase Cost for Empty CYL $2,250.00 Brand - ANW Product # LMO5HP	$0.0085/CU.FT.
09560	Monthly Rental Rate	$40.00/MO
09580	Oxygen, Medical, USP Size D Cost/CYL. $1.04 Capacity/CYL. 14 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MOD	$0.074/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. $44.41 Capacity/CYL. 219 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325042	$0.2028/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. $59.01 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325041	$0.2028/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. $109.54 Capacity/CYL. 219 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 326042	$0.5002/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. $145.55 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 326041	$0.5002/CU.FT.
09760	Monthly Rental Rate	$4.50/MO
09780	Methane/Argon P-5, 95/5% capable of running on instrument: GC Cost/CYL. $36.99 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 060142	$0.1637/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. $36.99 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 080242	$0.1637/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. $30.00 Capacity/CYL. 250 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # ARUHP1	$0.12/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. $175.66 Capacity/CYL. 5019 cf Purchase Cost for Empty CYL $2,250.00 Brand - ANW Product # LAR5HP	$0.035/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. $6.25 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # CD50 CD50T	$0.125/LB
09960	Monthly Rental Rate	$4.50/MO
09980	Helium- Industrial Grade - Capable of running on the following instrument: GC Cost/CYL. $29.28 Capacity/CYL. 244 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HE200	$0.12/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. $16.80 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.05/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. $5.06 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NI200	$0.022/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. $5.85 Capacity/CYL. 234 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # BA200	$0.025/CU.FT.
10120	Monthly Rental Rate	$2.00/MO
10140	Hydrogen - Industrial Grade - Capable of running on the following instrument: GC Cost/CYL. $7.88 Capacity/CYL. 197 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HY200	$0.040/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. $23.72 Capacity/CYL. 3,650 cf Purchase Cost for Empty CYL $1,850.00 Brand - ANW Product # LNS50	$0.0065/CU.FT.
10200	Monthly Rental Rate	$25.00/MO

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

Item No.	DESCRIPTION	Price Per Unit
10220	Hydrogen, Grade 5 - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. $21.50 Capacity/CYL. 215 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 335042	$0.10/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. $19.55 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # N1UHP1	$0.085/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. $28.40 Capacity/CYL. 284 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 335041	$0.10/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. $38.57 Capacity/CYL. 190 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 750333	$0.203/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. $52.92 Capacity/CYL. 294 cf Purchase Cost for Empty CYL $250.00 Brand - ANW Product # ACP300	$0.18/CU.FT.
10400	Monthly Rental Rate	$4.50/MO
10420	Oxygen, Cylinder size 282 CU. FT. - Industrial Grade - Capable of running on the following instrument: TOC Analyzer Cost/CYL. $4.23 Capacity/CYL. 281 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.015/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. $31.37 Capacity/CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 514441	$0.125/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. $36.72 Capacity/CYL. 5,650 cf Purchase Cost for Empty CYL $2,250.00 Brand - ANW Product # LNS65	$0.0065/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. $9.14 Capacity/CYL. 457 cf Purchase Cost for Empty CYL $450.00 Brand - ANW Product # N14K	$0.02/CU.FT.
10560	Monthly Rental Rate	$2.00/MO

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
10580	Compressed Air, Grade Zero UHP 99.999% Size 300 CU.FT.. Cost/CYL. $26.97 Capacity/CYL. 310 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 020355	$0.087/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. $9.83 Capacity/CYL. 281 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MAO282	$0.035/CU.FT.
10640	Monthly Rental Rate	$4.50/MO
	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 heluim grade 5 cylinder.**	
10740	Helium, Grade 5 - 99.999% Pure-Capable of running on the following instruments: GC Cost/CYL. $59.01 Capacity/CYL. 291 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325041	$0.2028/CU.FT.
10760	Monthly Rental Rate	$4.50/MO
10780	Methane/Argon P-10, 90%/10%-Capable of running on the following instrument: GC Cost/CYL. $36.99 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 080242	$0.1637/CU.FT.
10800	Monthly Rental Rate	$4.50/MO
10820	Argon, Grade 5, 99.999% Cost/CYL. $27.50 Capacity/CYL. 250 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # ARUHP1	$0.11/CU.FT.
10840	Monthly Rental Rate	$4.50/MO
10860	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. $6.25 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # CD50	$0.125/LB
10880	Monthly Rental Rate	$4.50/MO
10900	Argon- Industrial Grade - Capable of running on the following instruments: GC, AA, SEM, Emission Spectrograph Cost/CYL. $11.76 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.035/CU.FT.
10920	Monthly Rental Rate	$2.00/MO
10940	Breathing Air USP Grade - Capable or running on the following instruments: GC, SEM Cost/CYL. $5.26 Capacity/CYL. 234 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # BA200	$0.0225/CU.FT.
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. $13.80 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NIUHP1	$0.06/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. $28.40 Capacity/CYL. 284 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 335041	$0.10/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. $38.57 Capacity/CYL. 190 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 750333	$0.203/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. $27.00 Capacity/CYL. 294 cf Purchase Cost for Empty CYL $250.00 Brand - ANW Product # AC300	$0.09/CU.FT.
11120	Monthly Rental Rate	$4.50/MO
11140	Oxygen, Industrial Grade - Capable of running on the following instrument: TOC Analyzer Cost/CYL. $4.23 Capacity/CYL. 281 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.015/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. $31.37 Capacity/CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 514441	$0.125/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. $36.72 Capacity/CYL. 5,650 cf Purchase Cost for Empty CYL $2,250.00 Brand - ANW Product # LNS65	$0.0065/CU.FT.
11240	Monthly Rental Rate	$40.00/MO
11260	Compressed Air, Grade Zero UHP 99.999% Cost/CYL. 26.97 Capacity/CYL. 310 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 020355	$0.087/CU.FT.
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. $86.97 Capacity/CYL. 144 cf Purchase Cost for Empty CYL $200.00 Brand - ANW Product # 704611	$0.604/CU.FT.
11320	Monthly Rental Rate	$4.50/MO

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
11340	Carbon Monoxide 20 PPM, Balance Air - Primary Standard Grade Cost/CYL. $86.97 Capacity/CYL.144 cf Purchase Cost for Empty CYL $200.00 Brand - ANW Product # 704611	$0.604/CU.FT.
11360	Monthly Rental Rate	$4.50/MO
11380	Carbon Monoxide 9.0 PPM, Balance Air - Primary Standard Grade Cost/CYL. $86.97 Capacity/CYL. 144 cf Purchase Cost for Empty CYL $200.00 Brand - ANW Product # 704611	$0.604/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. $59.01 Capacity/CYL. 291 Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325041	$0.2028/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. $23.72 Capacity/CYL. 3,650 Brand - ANW Product # LNS50C	$0.0065/CU.FT.
11500	Hydrogen, Grade 5 - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. $30.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 335041	$0.10/CU.FT.
11520	Monthly Rental Rate	$4.50/MO
11540	Nitrogen, Grade 5 - 99.999% Pure - Capable of running on the following instrument: GC Cost/CYL. $18.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NIUHP1	$0.06/CU.FT.
11560	Monthly Rental Rate	$4.50/MO
11580	Compressed Air, Grade Zero UHP 99.999% Cost/CYL. $26.97 Capacity/CYL. 310 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 020355	$0.087/CU.FT.
11600	Monthly Rental Rate	$4.50/MO
11620	Carbon Monoxide 40 PPM, Balance Air - Primary Standard Grade Cost/CYL. $86.97 Capacity/CYL. 150 cf Purchase Cost for Empty CYL $200.00 Brand - ANW Product # 704611	$0.604/CU.FT.
11640	Monthly Rental Rate	$4.50/MO
11660	Carbon Monoxide 9.0 PPM, Balance Air - Primary Standard Grade Cost/CYL. $86.97 Capacity/CYL. 150 cf Purchase Cost for Empty CYL $200.00 Brand - ANW Product # 704611	$0.604/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**	

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

Item No.	DESCRIPTION	Price Per Unit
11700	Carbon Dioxide CD G Industrial Grade Cost/CYL. $6.25 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # CD50	$0.125/LB.
11720	Monthly Rental Rate	$4.50/MO
11740	Argon, AR T Industrial Grade Cost/CYL. $16.80 Capacity/CYL 336 cu.ft Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.05/CU.FT.
11760	Monthly Rental Rate	$4.50/MO
11780	Argon-Carbon Dioxide mixture, 75/25%, Cost/CYL. $23.52 Capacity/CYL 336 cu.ft. Purchase Cost for Empty CYL $275.00 Brand - ANW Product # U7300	$0.07/CU.FT.
11800	Monthly Rental Rate	$4.50/MO
11820	Helium, Size T Industrial Grade 99.995% Cost/CYL. $43.65 Capacity/CYL 291 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HE300	$0.15/CU.FT.
11840	Monthly Rental Rate	$4.50/MO
11860	Acetylene, AC5 Industrial Grade Cost/CYL. $33.60 Capacity/CYL 336 cf . Purchase Cost for Empty CYL $250.00 Brand - ANW Product # AC400	$0.10/CU.FT.
11880	Monthly Rental Rate	$4.50/MO
11900	Acetylene, Industrial Grade 4 Cost/CYL. $13.20 Capacity/CYL 132 CF Purchase Cost for Empty CYL $175.00 Brand - ANW Product # AC140	$0.10/CU.FT.
11920	Monthly Rental Rate	$4.50/MO
11940	Oxygen, Industrial Grade Cost/CYL. $4.23 Capacity/CYL 282 cu.ft. Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.015/CU.FT.
11960	Monthly Rental Rate	$4.50/MO
11980	Oxygen, Industrial Grade Cost/CYL. $3.50 Capacity/CYL.125 cu.ft. Purchase Cost for Empty CYL $150.00 Brand - ANW Product # OX100	$0.028/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. $73.92 Capacity/CYL 336 cu.ft. Purchase Cost for Empty CYL $275.00 Brand - ANW Product # U23300	$0.22/CU.FT.
12040	Monthly Rental Rate	$4.50/MO
12060	Argon Oxygen mixture 98/02 Industrial Grade Cost/CYL. $15.29 Capacity/CYL. 336 cu.ft. Purchase Cost for Empty CYL $275.00 Brand - ANW Product # U2300	$0.0455/CU.FT.
12080	Monthly Rental Rate	$4.50/MO
12100	Propane PN100 Industrial Grade Cost/CYL. $55.00 Capacity/Cyl. 100 LB Purchase Cost for Empty CYL $140.00 Brand - ANW Product # PR100	$0.55/LB.
12120	Monthly Rental Rate	$4.50/MO
12140	Nitrogen, NI H Cost/CYL. $5.01 Capacity/Cyl. 228 cu.ft. Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NI200	$0.022/CU.FT.

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
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).**	
	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. $33.60 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $250.00 Brand - ANW Product # AC400	$0.10/CU.FT.
12200	Monthly Rental Rate	$4.50/MO
12220	Carbon Dioxide CO2 Cost/CYL. $6.25 Capacity/CYL. 50 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # CD50	$0.125/LB.
12240	Monthly Rental Rate	$4.50/MO
12260	Unimix Argon 75% CO2 25% Cost/CYL. $26.60 Capacity/CYL. 380 CF Purchase Cost for Empty CYL $275.00 Brand - ANW Product # U7300	$0.07/CU.FT.
12280	Monthly Rental Rate	$4.50/MO
12300	Unimix - CO2 2.5%, Argon 7.5, Helium 90% Cost/CYL. $64.24 Capacity/CYL. 292 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # U23300	$0.22/CU.FT.
12320	Monthly Rental Rate	$4.50/MO
12340	Oxygen Cost/CYL. $4.23 Capacity/CYL. 281 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.015/CU.FT.
12360	Monthly Rental Rate	$4.50/MO
12380	Oxygen Cost/CYL. $2.76 Capacity/CYL. 92 CF Purchase Cost for Empty CYL $125.00 Brand - ANW Product # OX90	$0.03/CU.FT.
12400	Monthly Rental Rate	$4.50/MO
12420	Oxygen Cost/CYL. $3.50 Capacity/CYL. 125 CF Purchase Cost for Empty CYL $150.00 Brand - ANW Product # OX100	$0.028/CU.FT.
12440	Monthly Rental Rate	$4.50/MO
12460	Acetylene, 250 CU.FT (AC.5) Cost/CYL. $29.40 Capacity/CYL. 294 Purchase Cost for Empty CYL $250.00 Brand - ANW Product # AC400	$0.10/CU.FT.
12480	Monthly Rental Rate	$4.50/MO
12500	Acetylene Cost/CYL. $13.20 Capacity/CYL. 132 CF Purchase Cost for Empty CYL $175.00 Brand - ANW Product # AC140	$0.10/CU.FT.
12520	Monthly Rental Rate	$4.50/MO
12540	Argon Industrial Cost/CYL. $16.80 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.05/CU.FT.
12560	Monthly Rental Rate	$4.50/MO

Contract No. E194-1027-09
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Item No.	DESCRIPTION	Price Per Unit
12580	Argon, Small, Size 115 CU. FT. Cost/CYL. $7.50 Capacity/CYL. 125 CF Purchase Cost for Empty CYL $150.00 Brand - ANW Product # AR100	$0.06/CU.FT.
12600	Monthly Rental Rate	$4.50/MO
12620	Argon (75%/25%) AR12625 Cost/CYL. $10.08 Capacity/CYL. 126 CF Purchase Cost for Empty CYL $150.00 Brand - ANW Product # U7100	$0.08/CU.FT.
12640	Monthly Rental Rate	$4.50/MO
12660	Nitrogen - Standard Grade Cost/CYL. $5.12 Capacity/CYL. 128 cf Purchase Cost for Empty CYL $150.00 Brand - ANW Product # NI100	$0.04/CU.FT.
12680	Monthly Rental Rate	$4.50/MO
12700	Oxygen Cost/CYL. $3.76 Capacity/CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # OX282	$0.015/CU.FT.
12720	Monthly Rental Rate	$4.50/MO
12740	Acetylene Cost/CYL. $13.20 Capacity/CYL. 132 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # AC140	$0.10/CU.FT.
12760	Monthly Rental Rate	$4.50/MO
12780	Acetylene, Grade 2.6 Cost/CYL. $54.00 Capacity/CYL. 300 cf Purchase Cost for Empty CYL $250.00 Brand - ANW Product # ACP400	$0.18/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	
	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. $1,190.00 Capacity/CYL. 1000 L Purchase Cost for Empty CYL $20,000.00 Brand - ANW Product # MBAR	$0.0405/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**	

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Item No.	DESCRIPTION	Price Per Unit
10700	Nitrogen - 99.998% Pure - equiv. CGA grade Cost/CYL. $154.00 Capacity/CYL. 700 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 Purchashing Director (Academic Campus) Phone: (804) 828-5954** **Ms. Edie Okola, Buyer Manager** **(Medical Campus) Phone: (804) 828-9981**	
12820	Oxygen, USP Size E Cost/CYL. $1.50 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MOAE	$1.50/CYL
12840	Monthly Rental Rate	$5.30/MO
12860	Oxygen, USP Single E with integrated valve and live contents gauge. Cost/CYL. $1.50 Capacity/CYL. 25 cf. Purchase Cost for Empty CYL $175.00 Brand - ANW Product # MOEGNG	$1.50/CYL
12880	Monthly Rental Rate	$9.00/MO
12900	Oxygen, USP, Size M Cost/CYL. $3.75 Capacity/CYL. 125 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # MOM	$0.030/CU.FT.
12920	Monthly Rental Rate	$4.50/MO
12940	Oxygen, USP Size H Cost/CYL. $2.51 Capacity/CYL. 251 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MO200	$0.010/CU.FT.
12960	Monthly Rental Rate	$2.00/MO
12980	Nitrogen, NF, Size D Cost/CYL. $2.34 Capacity/CYL. 13 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MNID	$0.18/CU.FT.
13000	Monthly Rental Rate	$5.30/MO
13020	Nitrogen, USP NF, Size E Cost/CYL. $3.78 Capacity/CYL. 21 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MNIE	$0.18/CU.FT.
13040	Monthly Rental Rate	$5.30/MO
13060	Nitrogen, USP NF, Size M Cost/CYL. $1.72 Capacity/CYL. 115 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # MNIM	$0.015/CU.FT.
13080	Monthly Rental Rate	$2.00/MO

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Item No.	DESCRIPTION	Price Per Unit
13100	Nitrogen, USP NF, Size H Cost/CYL. $3.45 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MNIG	$0.015/CU.FT.
13120	Monthly Rental Rate	$4.50/MO
13140	Nitrogen, Purity 99.995% Cost/CYL. $23.72 Capacity/CYL. 3650 cf Purchase Cost for Empty CYL $1,850.00 Brand - ANW Product # LNS50	$0.0065/CU.FT.
13160	Monthly Rental Rate	$35.00/MO
13180	Nitrogen, Purity 99.995%, Stainless Cost/CYL. $59.04 Capacity/CYL. 4920 cf Purchase Cost for Empty CYL $2,250.00 Brand - ANW Product # LNS65	$0.012/CU.FT.
13200	Monthly Rental Rate	$40.00/MO
13220	Nitrogen, Purity 99.995%, Cost/CYL. $2.13 Capacity/CYL. 142 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # NI100	$0.015/CU.FT.
13240	Monthly Rental Rate	$2.00/MO
13260	Nitrogen, Purity 99.995%, Cost/CYL. $2.76 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NI200	$0.012/CU.FT.
13280	Monthly Rental Rate	$4.50/MO
13300	Nitrogen, Purity 99.999% Cost/CYL. $20.06 Capacity/CYL. 304 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NIUHP1	$0.066/CU.FT.
13320	Monthly Rental Rate	$4.50/MO
13340	Nitrogen, Purity 99.999%, Cost/CYL. $15.18 Capacity/CYL. 230 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NIUHP2	$0.066/CU.FT.
13360	Monthly Rental Rate	$4.50/MO
13380	Carbon Dioxide, USP, Size G Cost/CYL. $6.50 Capacity/CYL. 50 LB. Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MCDG	$0.13/LB
13400	Monthly Rental Rate	$4.50/MO
13420	Breathing Air, NF Purity, Size E Cost/CYL. $3.17 Capacity/CYL. 22 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MBAE	$0.144/CU.FT.
13440	Monthly Rental Rate	$5.30/MO
13460	Breathing Air, NF Purity, Size M Cost/CYL. $5.05 Capacity/CYL. 116 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # MBAM	$0.0435/CU.FT.
13480	Monthly Rental Rate	$2.00/MO
13500	Breathing Air, NF Purity, "G" Size Cylinder Cost/CYL. $4.68 Capacity/CYL. 234 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MBAG	$0.02/CU.FT.
13520	Monthly Rental Rate	$4.50/MO
13540	Helium, USP, "D" Size Cylinder, Non-Magnetic Aluminum Cylinder Cost/CYL. $6.15 Capacity/CYL. 10 cf Purchase Cost for Empty CYL $90.00 Brand - ANW Product # MHEAD	$0.615/CU.FT.
13560	Monthly Rental Rate	$2.00/MO

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Item No.	DESCRIPTION	Price Per Unit
13580	Helium, USP, "E" Size Non-Magnetic Aluminum Cylinder Cost/CYL. $7.90 Purchase Cost for Empty CYL $90.00 Brand - ANW Product # MHEAE	$7.90/CYL
13600	Monthly Rental Rate	$2.00/MO
13620	Helium, USP, "M" Size Non-Magnetic Aluminum Cylinder Cost/CYL. $22.00 Capacity/CYL. 110 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # MHEM	$0.20/CU.FT.
13640	Monthly Rental Rate	$2.00/MO
13660	Helium, USP, "H" Size Non-Magnetic Aluminum Cylinder Cost/CYL. $36.60 Capacity/CYL. 244 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MHEH	$0.15/CU.FT.
13680	Monthly Rental Rate	$2.00/MO
13700	Helium, 99.995% Purity, 150 Non-Magnetic Aluminum Cylinder Cost/CYL. $22.00 Capacity/CYL. 110 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # 324752	$0.20/CU.FT.
13720	Monthly Rental Rate	$2.00/MO
13740	Helium, 99.99% Purity, Non-Magnetic Aluminum Cylinder, Cost/CYL. $240.00 Capacity/CYL. 40 L Purchase Cost for Empty CYL $1,200.00 Brand - ANW Product # LH60	$6.00/LITRE
13760	Monthly Rental Rate	$2.00/MO
13780	Helium, USP Size E Cost/CYL. $7.90 Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MHEE	$7.90/CYL
13800	Monthly Rental Rate	$5.30/MO
13820	Nitrogen, Purity 99.999%, Cost/CYL. $20.06 Capacity/CYL. 304 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NIUHP1	$0.066/CU.FT.
13840	Monthly Rental Rate	$4.50/MO
13860	Nitrous Oxide, Purity USP, Size E Cost/CYL. $5.52 Capacity/CYL. 6.5 LB. Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MNOE	$0.85/LB.
13880	Monthly Rental Rate	$5.30/MO
13900	Nitrous Oxide, USP, Size G Cost/CYL. $30.80 Capacity/CYL. 56 LB. Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MNOG	$0.55/LB.
13920	Monthly Rental Rate	$4.50/MO
13940	Nitrous Oxide, USP H Size Cost/CYL. $35.20 Capacity/CYL. 64 LB Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MNOH	$0.55/LB.
13960	Monthly Rental Rate	$2.00/MO
13980	Nitrous Oxide, USP, Size F Cost/CYL. $15.20 Capacity/CYL. 20 LB Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MNO20	$0.76/LB.
14000	Monthly Rental Rate	$4.50/MO
14020	Carbon Dioxide,USP, "E" Size Cost/CYL. $2.80 Capacity/CYL. 7 LB. Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MCDE	$0.40/LB.

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
14040	Monthly Rental Rate	$5.30/MO
14060	Argon, Commercial Grade, T Size Cylinder Cost/CYL. $13.44 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.04/CU.FT.
14080	Monthly Rental Rate	$2.00/MO
14100	Argon, 99.998% Purity, 200 Cylinder Cost/CYL. $10.00 Capacity/CYL. 250 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR200	$0.04/CU.FT.
14120	Monthly Rental Rate	$2.00/MO
14140	Argon, 99.998% Purity, 300 Cylinder Cost/CYL. $13.44 Capacity/CYL. 336 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # AR300	$0.04/CU.FT.
14160	Monthly Rental Rate	$2.00/MO
14180	Oxygen 95% - Cargon Dioxide 5%, USP, "E" Size Cylinder Cost/CYL. $2.76 Capacity/CYL. 23 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MM3E	$0.12/CU.FT.
14200	Monthly Rental Rate	$2.00/MO
14220	Oxygen 95% - Carbon Dioxide 5%, USP, "M" Size Cylinder Cost/CYL. $4.24 Capacity/CYL. 106 cf Purchase Cost for Empty CYL $175.00 Brand - ANW Product # MM3MC	$0.04/CU.FT.
14240	Monthly Rental Rate	$2.00/MO
14260	Oxygen 95% - Carbon Dioxide 5%, USP, "G" Size Cylinder Cost/CYL. $6.58 Capacity/CYL. 188 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MM3G	$0.035/CU.FT.
14280	Monthly Rental Rate	$4.50/MO
14300	Oxygen 95% - Carbon Dioxide 5%, "H" Size Cylinder Cost/CYL. $7.42 Capacity/CYL. 212 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MM3H	$0.035/CU.FT.
14320	Monthly Rental Rate	$4.50/MO
14340	Liquid Nitrogen, 160 Liter, High Pressure Cost/CYL. $23.72 Capacity/CYL. 3650 cf Purchase Cost for Empty CYL $1,850.00 Brand - ANW Product # LNS50	$0.0065/CU.FT.
14360	Monthly Rental Rate	$35.00/MO
14380	Carbon Dioxide 9%/Nitrogen 15%/Balance Helium, "E" Size Cost/CYL. $29.90 Capacity/CYL. 23 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # 040334	$1.30/CU.FT.
14400	Monthly Rental Rate	$2.00/MO
14420	Hydrogen, Commercial Grade, "G" Size Cylinder Cost/CYL. $4.82 Capacity/CYL. 219 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HY200	$0.022/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. $45.50 Capacity/CYL. 175 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 020231	$0.26/CU.FT.
14460	Monthly Rental Rate	$4.50/MO

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Item No.	DESCRIPTION	Price Per Unit
14480	Nitrogen, Commercial Grade, "H" Size Cylinder Cost/CYL. $5.61 Capacity/CYL. 255 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # NI200	$0.022/CU.FT.
14500	Monthly Rental Rate	$2.00/MO
14520	Methane 5%-Argon 95%, Commercial Grade, Size 226 CU. FT. Cost/CYL. $36.99 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 060142	$0.1637/CU.FT.
14540	Monthly Rental Rate	$4.50/MO
14560	Methane 10%-Argon 90%, Commercial Grade, Size 226 CU. FT. Cost/CYL. $36.99 Capacity/CYL. 226 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 080242	$0.1637/CU.FT.
14580	Monthly Rental Rate	$4.50/MO
14600	Carbon Monoxide, Commercial Grade Cylinder Size 200 Cost/CYL. $97.47 Capacity/CYL. 175 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 122542	$0.557/CU.FT.
14620	Monthly Rental Rate	$2.00/MO
14640	Carbon Monoxide, 99.3 Purity, Cylinder Size 30 Cost/CYL. $49.50 Capacity/CYL. 25 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # 122547	$1.98/CU.FT.
14660	Monthly Rental Rate	$2.00/MO
14680	Nitric Oxide, Commercial Grade, Cylinder Size 200 Cost/CYL. $360.00 Capacity/CYL. 12 cf. Purchase Cost for Empty CYL $150.00 Brand - ANW Product # 462044	$30.00/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. $42.00 Capacity/CYL. 210 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 750336	$0.20/CU.FT.
14740	Monthly Rental Rate	$4.50/MO
14760	Carbon Dioxide, Cylinder Size "E" USP Cost/CYL. $2.80 Capacity/CYL. 7 LB Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MCDE	$0.40/LB
14780	Monthly Rental Rate	$5.30/MO
14800	C02-H2 Balance N2, Size 200 5, 10, 85 and 10, 10, 80, Cost/CYL. $42.00 Capacity/CYL. 210 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 750333.750336	$0.20/CU.FT.
14820	Monthly Rental Rate	$4.50/MO
14840	C02-H2 Balance N2, Size 300; 5, 10, 85 Cost/CYL. $63.00 Capacity/CYL. 315 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 750341	$0.20/CU.FT.
14860	Monthly Rental Rate	$4.50/MO
14880	Sulfur Hexaflouride, Size 2 Cost/CYL. $132.50 Capacity/CYL. 2.5 cf Brand - ANW Product # 562843	$53.00/CU.FT.
14900	Monthly Rental Rate	$ 0 /MO

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Item No.	DESCRIPTION	Price Per Unit
14920	Xenon/Oxygen Non-Disposable Size "E" Cylinder, 33% Xenon/67% Oxygen, USP Cost/CYL. $245.70 Capacity/CYL. 630 L Purchase Cost for Empty CYL $70.00 Brand - ANW Product # MXOE	$0.39/LITRE
14940	Monthly Rental Rate	$2.00/MO
14960	Helium Grade 5, Size 200, 99.999% Pure Cost/CYL. $44.41 Capacity/CYL. 219 CF Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325042	$0.2028/CU.FT.
14980	Monthly Rental Rate	$4.50/MO
15000	Helium Grade 4.5, Size 219 CU. FT. Cost/CYL. $32.85 Capacity/CYL. 219 CF Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HE200	$0.15/CU.FT.
15020	Monthly Rental Rate	$4.50/MO
15040	Helium Grade 4.5, Size 291 CU. FT. Cost/CYL. $43.65 Capacity/CYL. 291 CF Purchase Cost for Empty CYL $275.00 Brand - ANW Product # HE300	$0.15/CU.FT.
15060	Monthly Rental Rate	$4.50/MO
15080	Helium Grade 5, 99.999% Pure, Size 291 CU. FT. Cost/CYL. $59.01 Capacity/CYL. 291 CF Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 325041	$0.2028/CU.FT.
15100	Monthly Rental Rate	$4.50/MO
15160	Helium/Oxygen, Medical USP, Size H Cost/CYL. $47.27 Capacity/CYL. 161 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # MM5G1	$0.2148/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. $58.96 Capacity/CYL. 176 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 020331	$0.335/CU.FT.
15220	Monthly Rental Rate	$4.50/MO
15240	Aerobic Mixture, C02-02-N2, Size 20 CU.FT.. Cost/CYL. $25.00 Capacity/CYL. 20 cf Purchase Cost for Empty CYL $70.00 Brand - ANW Product # 730354	$1.25/CU.FT.
15260	Monthly Rental Rate	$5.30/MO
15280	UHP Liquid Argon, Size 5097 CU. FT. Cost/CYL. $178.39 Capacity/CYL. 5097 cf Purchase Cost for Empty CYL $2,250.00 Brand - ANW Product # LAR5HP	$0.035/CU.FT.
15300	Monthly Rental Rate	$25.00/MO
15320	Hydrogen Grade 5.0, 99.999%, 300 CU.FT. Cost/CYL. $26.20 Capacity/CYL. 262 cf Purchase Cost for Empty CYL $275.00 Brand - ANW Product # 335041	$0.10/CU.FT.
15340	Monthly Rental Rate	$4.50/MO
	TRANSPORTATION CHARGE (FUEL)	**$22.50**
	Zone # 98 Lot C VCU- Academic & Medical Campuses	
	GTS-Welco	

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Gases: Medical, Laboratory, Welding and Protocol

Item No.	DESCRIPTION	Price Per Unit
15360	Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. $510.00 Capacity/CYL. 60 L Purchase Cost for Empty CYL $3,250.00 Brand - GTS-WELCO Product # 1143-60L	$8.50/LITRE
15400	Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. $850.00 Capacity/CYL. 100 L Purchase Cost for Empty CYL $3,500.00 Brand - GTS-WELCO Product # 1143-100L	$8.50/LITRE
15440	Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. $2,125.00 Capacity/CYL. 250 L Purchase Cost for Empty CYL $5,000.00 Brand - GTS-WELCO Product # 1143-250L	$8.50/LITRE
15480	Liquid Helium, 99.99% Purity, on Wheels, Non-Magnetic Aluminum Cylinder Cost/CYL. $4,250.00 Capacity/CYL. 500 L Purchase Cost for Empty CYL $7,000.00 Brand - GTS-WELCO Product # 1143-500L	$8.50/LITRE
	TRANSPORTATION CHARGE (FUEL)	**$7.95**
	Zone # 98- Lot D VCU Medical Center	
	GTS-Welco	
15520	Liquid Nitrogen LN_2, 3000 gal. Crygenic Storage Tank	$0.43/GAL
15540	Monthly Rental Rate	$535.00/MO
	TRANSPORTATION CHARGE (FUEL)	**$7.95**

ATTACHMENT D
PROTOCAL GASES
PRICING SCHEDULE
ZONE 98 - LOT E - 1

ITEM	QUANTITY NEEDED	GAS	CONCENTRATION	CLASS	ACCURACY OF ANALYSIS	PURITY	CYLINDER SIZE	CYLINDER CONSTRUCTION	TRACE ABILITY	Brand	Product #	Purchase Cost for Empty Cylinder	Cost for full CYL	Cost/Litre	Extended Price
1	2	CO bal Air	40.0- 45.0 ppm	RATA Quality EPA protocol	+/- 1.0%		29.5 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
2	2	CO bal Air	20.0-25.0 ppm	RATA Quality EPA protocol	+/- 1.0%		29.5 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
3	2	CO bal Air	12.5-15.0 ppm	RATA Quality EPA protocol	+/- 1.0%		29.5 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
4	1	CO bal Air	495-505 ppm	RATA Quality EPA protocol	+/- 1.0%		15.7 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
5	1	CO bal Air	245-255 ppm	RATA Quality EPA protocol	+/- 1.0%		15.7 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
6	4	NO bal N2	20.0-25.0 ppm	RATA Quality EPA protocol	+/- 1.0%	NO2<=0.5 ppm certified concentration	15.7 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
7	3	NO bal N2	55.0-60.0 ppm	RATA Quality EPA protocol	+/-1.0 %	NO2<=0.5 ppm certified concentration	15.7 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
8	4	SO2 bal N2	40.0-45.0 ppm	RATA Quality EPA protocol	+/- 1.0%	SO2 >=40.0 ppm certified concentration	15.7 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
9	2	SO2 bal N2	20.0-25.0 ppm	RATA Quality EPA protocol	+/- 1.0%		15.7 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
10	4	SO2 bal N2	10.0-15.0 ppm	RATA Quality EPA protocol	+/- 1.0%		15.7 L	Aluminum	Direct to NIST-SRM or NTRM			$	$	$	$
											TRANSPORTATION CHARGE (FUEL) PER DELIVERY				**$**
NIST = National Institute of Standards and Technology; SRM = Standard Reference Material; NTRM = NIST Traceable Reference Material; GMIS = Gas Manufacturer's Intermediate Standarc												**GRAND TOTAL for Zone 98 Lot E**			**$**
All NO bal N2 must be oxygen free															
Items 8, 9, & 10 may be changed to SO2 bal in Air															

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ATTACHMENT D
GASES WORKING CLASS
PRICING SCHEDULE
ZONE 98 - LOT E - 2

ITEM	QUANTITY NEEDED	GAS	CONCENTRATION	CLASS	ACCURACY OF ANALYSIS	PURITY	CYLINDER SIZE	CYLINDER CONSTRUCTION	TRACE ABILITY	Brand	Product #	Purchase Cost for Empty Cylinder	Cost for full CYL	Cost/Litre	Extended Price
1	15	CO bal Air	1990-2010 ppm	certified mix/blend	+/- 2.0%		15.7 L	Aluminum	*			$	$	$	$
2	15	CO bal Air	9.0 ppm	certified mix/blend	+/- 2.0%		29.5 L	Aluminum	*			$	$	$	$
3	15	CO bal Air	40.0ppm	certified mix/blend	+/- 2.0%		29.5 L	Aluminum	*			$	$	$	$
4	20	NO bal N2	55.0-60.0 ppm	certified mix/blend	+/- 2.0%		15.7 L	Aluminum	*			$	$	$	$
5	15	SO2 bal N2	40.0 ppm	certified mix/blend	+/- 2.0%	SO2 >=40.0 ppm certified concentration	15.7 L	Aluminum	*			$	$	$	$
6	2	SO2 bal N2	10.0-15.0 ppm	certified mix/blend	+/- 2.0%		15.7 L	Aluminum	*			$	$	$	$
7	1	H2S bal N2	10.0 ppm	certified mix/blend	+/- 2.0%		15.7 L	Aluminum	n/a			$	$	$	$
8	5	Air	Ultra zero	UZAM or ambient air monitoring grade	grade 3.0 or 5.0	Air >=99.99% pure, CO <0.1 ppm, no CO2	approx. 49.5 L	Aluminum or Steel	n/a			$	$	$	$
9	10	N2	UHP	UHP	grade 5.0	N2 >=99.999% pure	approx. 49.5 L	Aluminum or Steel	n/a			$	$	$	$
10	10	He	UHP	UHP	grade 5.0	He >= 99.999% pure	approx. 49.5 L	Aluminum or Steel	n/a			$	$	$	$
11	10	H2	UHP	UHP	grade 5.0	H2 >= 99.999% pure	approx. 49.5 L	Aluminum or Steel	n/a			$	$	$	$
											TRANSPORTATION CHARGE (FUEL) PER DELIVERY				**$**
NIST = National Institute of Standards and Technology; SRM = Standard Reference Material; NTRM = NIST Traceable Reference Material; GMIS = Gas Manufacturer's Intermediate Standarc												**GRAND TOTAL for Zone 98 Lot E**			**$**

*** The reference standard used to certify these cylinders must be an SRM, a NTRM, or a GMIS. The reference standard must be within its certification period.**

All NO bal N2 must be oxygen free

Item 6 may be changed to SO2 bal in Air

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ATTACHMENT D
Liquid N2 GAS
PRICING SCHEDULE
ZONE 98 - LOT E - 3

ITEM	QUANTITY NEEDED	GAS	CONCENTRATION	CLASS	ACCURACY OF ANALYSIS	PURITY	CYLINDER SIZE	CYLINDER CONSTRUCTION	TRACE ABILITY	Brand	Product #	Purchase Cost for Empty Cylinder	Cost for full CYL	Cost/Litre	Extended Price
1	unlimited	Liquid N2				50 Liter refills as needed			n/a			$	$	$	$
											TRANSPORTATION CHARGE (FUEL) PER DELIVERY				**$**
NIST = National Institute of Standards and Technology; SRM = Standard Reference Material; NTRM = NIST Traceable Reference Material; GMIS = Gas Manufacturer's Intermediate Standarc												**GRAND TOTAL for Zone 98 Lot E**			**$**
All NO bal N2 must be oxygen free															

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