



City of Tulsa Purchasing Department  
175 E. 2nd St. 15th Floor  
Tulsa, OK 74103

Lab & Welding Gases  
TAC 842B  
Bid Opened 09/03/2020

Donny Tiemann - Buyer  
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Please contact if you have any questions

Section 1: Welding Gases

Item	Description	Estimated Qty	Airgas		Matheson		Welsco, Inc.		Ind. Welding & Tool Supply		Tulsa Gas & Gear		Praxair Distribution			
			Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost		
1	Compressed Oxygen Welding Grade 20 cu. ft. cylinder	5	\$6.00	\$30.00	\$4.45	\$22.25	\$4.50	\$22.50	\$4.25	\$21.25	\$5.50	\$27.50	\$2.92	\$14.60		
2	Compressed Oxygen Welding Grade 80 cu. ft. cylinder	5	\$7.00	\$35.00	\$8.80	\$44.00	\$6.04	\$30.20	\$5.25	\$26.25	\$7.00	\$35.00	\$4.40	\$22.00		
3	Compressed Oxygen Welding Grade 150 cu. ft. cylinder	5	\$9.00	\$45.00	\$8.30	\$41.50	\$8.40	\$42.00	\$6.25	\$31.25	\$7.50	\$37.50	\$6.73	\$33.65		
4	Compressed Oxygen Welding Grade 250 cu. ft. cylinder	133	\$10.00	\$1,330.00	\$10.00	\$1,330.00	\$7.30	\$970.90	\$7.50	\$997.50	\$8.00	\$1,064.00	\$7.20	\$957.60		
5	Argon/CO2 mix (75/25), 300 cu ft. cylinder	25	\$25.00	\$625.00	\$20.00	\$500.00	\$23.74	\$593.50	\$18.00	\$450.00	\$22.00	\$550.00	\$26.04	\$651.00		
6	Argon/CO2 mix (75/25), 150 cu ft. cylinder	10	\$23.00	\$230.00	\$10.00	\$100.00	\$20.76	\$207.60	\$15.00	\$150.00	\$15.00	\$150.00	\$15.91	\$159.10		
7	Argon (100%), 330 cu. ft. cylinder	6	\$25.00	\$150.00	\$20.00	\$120.00	\$22.90	\$137.40	\$18.00	\$108.00	\$22.00	\$132.00	\$24.82	\$148.92		
8	Argon (100%), 150 cu. ft. cylinder	6	\$23.00	\$138.00	\$10.00	\$60.00	\$21.76	\$130.56	\$15.00	\$90.00	\$15.00	\$90.00	\$14.73	\$88.38		
9	Acetylene, 10 cu. ft cylinder	5	\$12.00	\$60.00	\$12.30	\$61.50	\$14.98	\$74.90	\$16.00	\$80.00	\$15.00	\$75.00	\$5.82	\$29.10		
10	Acetylene, 40 cu. ft cylinder	5	\$14.85	\$74.25	\$15.45	\$77.25	\$20.84	\$104.20	\$21.00	\$105.00	\$20.00	\$100.00	\$11.62	\$58.10		
11	Acetylene, 75 cu. ft cylinder	5	\$21.50	\$107.50	\$24.70	\$123.50	\$38.02	\$190.10	\$23.00	\$115.00	\$23.00	\$115.00	\$17.94	\$89.70		
12	Acetylene, 100 cu. ft cylinder	50	\$28.00	\$1,400.00	\$40.00	\$2,000.00	\$58.68	\$2,934.00	\$31.00	\$1,550.00	\$31.00	\$1,550.00	\$31.70	\$1,585.00		
13	Acetylene, 200 cu. ft cylinder	5	\$54.00	\$270.00	\$72.00	\$360.00	\$94.36	\$471.80	\$0.00	\$0.00	\$62.00	\$310.00	\$54.91	\$274.55		
14	Acetylene, 300 cu. ft cylinder	10	\$68.00	\$680.00	\$89.50	\$895.00	\$155.70	\$1,557.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75.07	\$750.70		
15	Acetylene, 400 cu. ft cylinder	10	\$0.00	\$0.00	\$112.60	\$1,126.00	\$188.72	\$1,887.20	\$90.00	\$900.00	\$91.00	\$910.00	\$93.51	\$935.10		
16	Nitrogen, 300 cu. ft. cylinder	15	\$8.50	\$127.50	\$10.00	\$150.00	\$7.54	\$113.10	\$7.50	\$112.50	\$7.40	\$111.00	\$8.21	\$123.15		
17	Nitrogen, 80 cu. ft. cylinder	5	\$7.00	\$35.00	\$4.90	\$24.50	\$6.00	\$30.00	\$5.25	\$26.25	\$5.00	\$25.00	\$4.62	\$23.10		
18	Cylinder rental/demurrage per month per cylinder	2160	\$3.00	\$6,480.00	\$0.10	\$216.00	\$3.00	\$6,480.00	\$2.00	\$4,320.00	\$3.00	\$6,480.00	\$0.12	\$259.20		
19	HazMat Charge per Invoice	52	\$0.00	\$0.00	\$0.00	\$0.00	\$6.00	\$312.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.95	\$517.40		
20	Delivery Charge per truck delivery	52	\$12.00	\$624.00	\$25.00	\$1,300.00	\$9.00	\$468.00	\$5.00	\$260.00	\$0.00	\$0.00	\$25.00	\$1,300.00		
<b>TOTAL EXTENDED COST FOR SECTION 1 (ALL COSTS (SHIPPING / HANDLING, ETC.) MUST BE INCLUDED OR YOUR BID WILL BE CONSIDERED NONRESPONSIVE)</b>			\$12,441.25		\$8,551.50		\$16,756.96		\$9,343.00		\$11,762.00		\$8,020.35			
Annual Renewal Increase Requested:			5%		0%		10%		4%		0%		3%			
First Renewal:			\$13,063.31		8,551.50		14,835.50		\$18,432.66		\$9,716.72		\$11,762.00		\$8,260.96	
Second Renewal:			\$13,716.48		8,551.50		14,835.50		\$20,275.92		\$10,105.39		\$11,762.00		\$8,508.79	
Third Renewal:			\$14,402.30		8,551.50		14,835.50		\$22,303.51		\$10,509.60		\$11,762.00		\$8,764.05	
Fourth Renewal:			\$15,122.42		8,551.50		14,835.50		\$24,533.87		\$10,929.99		\$11,762.00		\$9,026.97	
GRAND TOTAL FOR FIVE YEARS:			\$68,745.76		\$42,757.50		74,177.50		\$102,302.92		\$50,604.70		\$58,810.00		\$42,581.13	
			On Bidder's Copy \$0 Shows As Blank		On Bidder's Copy \$216.00 Shows \$ 6,480.00 \$8,551.50 Shows \$ 14,835.50				On Bidder's Copy \$0 Shows As No Bid \$0 Shows As No Bid		On Bidder's Copy \$0 Shows As Blank					

Section 2: Lab & Specialty Gases

Item	Description	Size	Estimated Quantity	Airgas		Matheson		Welsco, Inc.		Ind. Welding & Tool Supply		Tulsa Gas & Gear		Praxair Distribution			
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost		
1	Helium UHP (99.999% Purity-2 ppm O2 6ppm N2, 3ppm H2O 1 ppm THC)	T	50	\$230.00	\$11,500.00	\$155.00	\$7,750.00	\$269.53	\$13,476.50	\$200.00	\$10,000.00	\$240.00	\$12,000.00	\$187.88	\$9,394.00		
	Helium UHP (99.999% Purity-2 ppm O2 6ppm N2, 3ppm H2O 1 ppm THC)	K	15	\$220.00	\$3,300.00	\$145.00	\$2,175.00	\$179.69	\$2,695.35	\$200.00	\$3,000.00	\$195.00	\$2,925.00	\$157.00	\$2,355.00		
2	P-5 (85% Argon/5% Methane) Electron Capture Mixture	K	10	\$55.00	\$550.00	\$96.00	\$960.00	\$91.67	\$916.70	\$80.00	\$800.00	\$48.00	\$480.00	\$74.47	\$744.70		
3	Argon Pre-purified (99.999% Purity, 3ppm O2, 3ppm H2O)	T	5	\$52.00	\$260.00	\$21.00	\$105.00	\$60.04	\$300.20	\$30.00	\$150.00	\$55.00	\$275.00	\$49.73	\$248.65		
4	Liquid Argon UHP 99.998% GP45-4320 ft 3 Purity)	T	75	\$256.00	\$19,200.00	\$175.00	\$13,125.00	\$238.20	\$17,865.00	\$225.00	\$16,875.00	\$235.00	\$17,625.00	\$298.28	\$22,371.00		
5	Liquid Argon 99.998% purity--Bulk tank 1200 liters	CCF	2250	\$6.00	\$13,500.00	\$4.50	\$10,125.00	\$4.90	\$11,025.00	\$5.00	\$11,250.00	\$4.75	\$10,687.50	\$4.02	\$9,045.00		
6	Oxygen (99.995% pure, Hydrocarbon free)	T	10	\$215.00	\$2,150.00	\$315.00	\$3,150.00	\$152.86	\$1,528.60	\$200.00	\$2,000.00	\$210.00	\$2,100.00	\$64.69	\$646.90		
7	Nitrogen UHP (1 ppm O2, 3ppm H2O, 1 ppm THC)	T	120	\$25.00	\$3,000.00	\$18.00	\$2,160.00	\$37.35	\$4,482.00	\$20.00	\$2,400.00	\$25.00	\$3,000.00	\$33.93	\$4,071.60		
7a	Nitrogen 99.999% purity	K	20	\$25.00	\$500.00	\$16.00	\$320.00	\$37.35	\$747.00	\$20.00	\$400.00	\$25.00	\$500.00	\$31.99	\$639.80		
8	Nitrogen Zero	T	12	\$25.00	\$300.00	\$28.50	\$342.00	\$37.35	\$448.20	\$45.00	\$540.00	\$25.00	\$300.00	\$35.06	\$420.72		
9	Liquid Nitrogen	Low pressure GP180	12	\$65.00	\$780.00	\$75.00	\$900.00	\$57.62	\$691.44	\$50.00	\$600.00	\$75.00	\$900.00	\$51.71	\$620.52		
10	Hydrogen-Zero (0.5 ppm THC, 5 ppm O2)	T	15	\$46.00	\$690.00	\$31.00	\$465.00	\$111.71	\$1,675.65	\$55.00	\$825.00	\$62.00	\$930.00	\$32.36	\$485.40		
11	Hydrogen UHP (99.999% purity)	T	12	\$46.00	\$552.00	\$33.00	\$396.00	\$111.71	\$1,340.52	\$55.00	\$660.00	\$62.00	\$744.00	\$48.07	\$576.84		
12	Air Zero (1 ppm THC 3 ppm H2O)	T	16	\$29.00	\$464.00	\$74.00	\$1,184.00	\$77.08	\$1,233.28	\$45.00	\$720.00	\$27.00	\$432.00	\$38.71	\$619.36		
13	Air Ultra Zero (Less Than .1 ppm THC.)	T	17	\$30.00	\$510.00	\$79.00	\$1,343.00	\$77.08	\$1,310.36	\$45.00	\$765.00	\$27.00	\$459.00	\$38.92	\$661.64		
14	Cylinder rental/demurrage per month per cylinder	High Pressure	155	\$5.00	\$775.00	\$0.10	\$15.50	\$6.00	\$930.00	\$4.00	\$620.00	\$3.00	\$465.00	\$3.60	\$558.00		
		Liquid	10	\$35.00	\$350.00	\$12.50	\$125.00	\$30.00	\$300.00	\$35.00	\$350.00	\$30.00	\$300.00	\$1.00	\$10.00		
15	HazMat Charge per Invoice		52	\$0.00	\$0.00	\$0.00	\$0.00	\$6.00	\$312.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.95	\$517.40		
16	ODOT Fees		52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
17	Delivery Charge per truck delivery		52	\$12.00	\$624.00	\$25.00	\$1,300.00	\$9.00	\$468.00	\$5.00	\$260.00	\$0.00	\$0.00	\$25.00	\$1,300.00		
18	Monthly monitoring charge for Bulk Tank Telemetry	1200 Liter Bulk Tank	12	\$0.00	\$0.00	\$50.00	\$600.00	\$0.00	\$0.00	\$10.00	\$120.00	\$0.00	\$0.00	\$25.00	\$300.00		
<b>TOTAL EXTENDED COST FOR SECTION 2 (ALL COSTS (SHIPPING / HANDLING, ETC.) MUST BE INCLUDED OR YOUR BID WILL BE CONSIDERED NONRESPONSIVE)</b>				\$59,005.00		\$46,428.00		\$61,745.80		\$52,335.00		\$54,122.50		\$55,586.53			
Annual Renewal Increase Requested:				5%		0%		10%		4%		0%		3%			
First Renewal:				\$61,955.25		\$46,428.00		\$47,240.00		\$67,920.38		\$54,428.40		\$57,254.13		\$58,109.03	
Second Renewal:				\$65,053.01		\$46,428.00		\$47,240.00		\$74,712.42		\$54,122.50		\$58,971.75		\$59,852.30	
Third Renewal:				\$68,305.66		\$46,428.00		\$47,240.00		\$82,183.66		\$58,869.76		\$54,122.50		\$60,740.90	
Fourth Renewal:				\$71,720.95		\$46,428.00		\$47,240.00		\$90,402.03		\$61,224.55		\$54,122.50		\$62,563.13	
GRAND TOTAL FOR FIVE YEARS:				\$326,039.87		\$232,140.00		\$236,200.00		\$376,964.28		\$283,463.24		\$270,612.50		\$295,116.44	
				On Bidder's Copy \$15.50 Shows \$ 465.00		On Bidder's Copy \$13,476.50 Shows \$13,476.36 \$2,695.35 Shows as \$2,695.36 \$916.70 Shows \$916.67 \$11,025.00 Shows \$11,028.75 \$1,528.60 Shows \$1,528.57 \$4,482.00 Shows \$4,481.45 \$746.00 Shows \$746.91 \$448.20 Shows \$448.15 \$691.44 Shows \$691.42				On Bidder's Copy \$10 Shows \$300.00							

\* Does Not Apply to Helium

		\$1,675.65 Shows \$1,675.64		
		\$1,340.52 Shows \$1,340.51		
		\$1,233.28 Shows \$1,233.33		
		\$1,310.36 Shows \$1,310.42		
	\$46,428.00 Shows \$ 47,240.00	\$61,745.80 Shows \$ 61,748.74		\$55,586.53 Shows \$ 56,416.53