



STATE OF MICHIGAN ENTERPRISE PROCUREMENT

DTMB

320 S Walnut Street Lansing, MI 48933
P.O. Box 30026, Lansing, MI 48909

CONTRACT CHANGE NOTICE

Change Notice Number 12

to

Contract Number MA200000000436

CONTRACTOR	AIRGAS USA LLC
	2140 Mint Road
	Lansing MI 48906
	Kevin Brethauer
	231-878-9454 231-878-9454
	kevin.brethauer@airgas.com
	CV0029743

STATE	Program Manager	Various	Various
	Contract Administrator	Amanda Smart	DTMB
		517-730-8796	
		smarta1@michigan.gov	

CONTRACT SUMMARY				
Bulk and Containerized Gases, Related Products and Services and Welding and Safety Consumables				
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE	
February 1, 2020	January 31, 2024	2 - 2 Years	January 31, 2028	
PAYMENT TERMS		DELIVERY TIMEFRAME		
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING	
☒ P-Card ☒ Direct Voucher (PRC) ☐ Other			☒ Yes ☐ No	
MINIMUM DELIVERY REQUIREMENTS				
DESCRIPTION OF CHANGE NOTICE				
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
☐		☐	0 Years	
CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE		
\$4,646,000.00	\$0.00	\$4,646,000.00		
DESCRIPTION				
Effective 8/12/25, please note the Contract Administrator has been changed to Amanda Smart.				
All other terms, conditions, specifications and pricing remain the same. Per contractor and agency agreement, and DTMB Central Procurement approval.				

**Program Managers
for
Multi-Agency and Statewide Contracts**

AGENCY	NAME	PHONE	EMAIL
MDHHS	Jennifer Campbell	517-335-8058	CampbellJ29@michigan.gov
EGLE	John Scott	517-335-9800	scottj5@michigan.gov
DTMB	Brad LaMacchia	517-896-4147	LaMacchiaB@michigan.gov
DNR	Marisa Lay	(517) 284-5837	Laym@michigan.gov
LARA	Derek Edwards	517-256-2509	EdwardsD7@michigan.gov
MSP	Paula Hurst	517-243-9786	HurstP3@michigan.gov



STATE OF MICHIGAN ENTERPRISE PROCUREMENT

Department of Technology, Management, and Budget
320 S. Walnut Street 2nd Floor Lansing, MI 48933
P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number 11

to

Contract Number MA200000000436

CONTRACTOR	AIRGAS USA LLC
	2140 Mint Road
	Lansing MI 48906
	Kevin Brethauer
	231-878-9454 231-878-9454
	kevin.brethauer@airgas.com
	CV0029743

STATE	Program Manager	Various	Various
	Contract Administrator	Jordana Sager	DTMB
		(517) 896-1903	
		sagerj2@michigan.gov	

CONTRACT SUMMARY						
Bulk and Containerized Gases, Related Products and Services and Welding and Safety Consumables						
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE			
February 1, 2020	January 31, 2024	2 - 24 Months	January 31, 2028			
PAYMENT TERMS		DELIVERY TIMEFRAME				
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING			
☒ P-Card ☒ Direct Voucher (PRC) ☐ Other			☒ Yes ☐ No			
MINIMUM DELIVERY REQUIREMENTS						
DESCRIPTION OF CHANGE NOTICE						
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE		
☐		☐				
CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE				
\$4,646,000.00	\$0.00	\$4,646,000.00				

DESCRIPTION
Effective December 20, 2024, pricing on this contract is increased per attached Schedule B.
Please note: MSP Program Manager is been updated to Paula Hurst:
hurstp3@michigan.gov - 517-243-9786
All other terms, conditions, specifications and pricing remain the same. Per contractor and agency agreement, and DTMB Central Procurement approval.

**Program Managers
for
Multi-Agency and Statewide Contracts**

AGENCY	NAME	PHONE	EMAIL
DTMB	Brad LaMacchia	517-896-4147	LaMacchiaB@michigan.gov
LARA	Derek Edwards	517-256-2509	EdwardsD7@michigan.gov
MDHHS	Jennifer Campbell	517-335-8058	CampbellJJ29@michigan.gov
EGLE	John Scott	517-335-9800	scottj5@michigan.gov
DNR	Marisa Lay	(517) 284-5837	Laym@michigan.gov
MSP	Paula Hurst	517-243-9786	HurstP3@michigan.gov

SCHEDULE B - PRICING

CN 11 - 200000000436

ALL PRICING MUST BE INCLUSIVE OF DELIVERY, CYLINDER RENTAL, AND OTHER FEES/CHARGES. FUEL SURCHARGES WILL NOT BE ACCEPTED. DELIVERY CHARGES ARE SPECIFIED IN TABLE 2A.

The Delivery Days (upon receipt of order) is 3 business days for all containerized gases.

ID	Item Description	Part Number	Uof M	Current Price	New Price	Current Rental Fee	New Rental Fee
1	ACETYLENE						
1-Jan	ACETYLENE IND #3 CGA 300	AC 3N300	CL	\$18.88	\$19.54	\$7.09	\$7.34
2-Jan	ACETYLENE IND #4 CGA 300	AC 4N300	HH	\$31.59	\$32.70	\$7.09	\$7.34
3-Jan	ACETYLENE IND #4 CGA 510	AC 4	HH	\$31.59	\$32.70	\$7.09	\$7.34
4-Jan	ACETYLENE IND #4 FLAT TOP	AC 4FT	HH	\$31.59	\$32.70	\$7.09	\$7.34
5-Jan	ACETYLENE IND #4.5 CGA 300	AC 4.5N300	HH	\$31.59	\$32.70	\$7.09	\$7.34
6-Jan	ACETYLENE IND B CGA 520	AC B	CL	\$16.33	\$16.90	\$7.09	\$7.34
7-Jan	ACETYLENE IND MC CGA 200	AC MC	CL	\$11.62	\$12.03	\$7.09	\$7.34
8-Jan	ACETYLENE IND #3 CGA 510	AC 3	CL	\$18.88	\$19.54	\$7.09	\$7.34
9-Jan	ACETYLENE IND #5 CGA 300	AC 5N300	HH	\$31.59	\$32.70	\$7.09	\$7.34
10-Jan	ACETYLENE IND #5 CGA 510	AC 5	HH	\$31.59	\$32.70	\$7.09	\$7.34
2	AIR - Breathing, Dry, USP, Ultra Zero & Zero						
2-Feb	AIR BREATHING 200 CGA 346	AI B200	CL	\$14.91	\$15.43	\$7.09	\$7.34
3-Feb	AIR BREATHING 300 CGA 346	AI B300	CL	\$17.75	\$18.37	\$7.09	\$7.34
4-Feb	AIR DRY 300 CGA 590	AI D300	CL	\$54.83	\$56.75	\$7.09	\$7.34
5-Feb	AIR USP 200 CGA 346	AI USP200	CL	\$13.46	\$13.93	\$7.09	\$7.34
6-Feb	AIR ULTRA ZERO 300 CGA 590	AI UZ300	CL	\$94.64	\$97.95	\$7.09	\$7.34
7-Feb	AIR ZERO 103DS	AI ZP10	CL	\$119.70	\$123.89	\$7.09	\$7.34
3	ARGON						
1-Mar	ARGON IND LIQ 160LT 230PSI	AR 160LT230	CL	\$284.05	\$293.99	\$62.85	\$65.05
2-Mar	ARGON IND LIQ 160LT 350PSI	AR 160LT350	CL	\$284.05	\$293.99	\$62.85	\$65.05
3-Mar	ARGON IND LIQ 180LT 230PSI	AR 180LT230	CL	\$284.05	\$293.99	\$62.85	\$65.05

4-Mar	ARGON IND LIQ 180LT 350PSI	AR 180LT350	CL	\$284.05	\$293.99	\$62.85	\$65.05
5-Mar	ARGON IND LIQ 230LT 350PSI	AR 230LT350	CL	\$384.18	\$397.63	\$62.85	\$65.05
6-Mar	ARGON IND 125 CGA 580	AR 125	CL	\$20.59	\$21.31	\$7.09	\$7.34
7-Mar	ARGON IND 200 CGA 580	AR 200	CL	\$29.69	\$30.73	\$7.09	\$7.34
8-Mar	ARGON IND 300 CGA 580	AR 300	CL	\$30.12	\$31.17	\$7.09	\$7.34
9-Mar	ARGON IND 40 CGA 580	AR 40	CL	\$19.91	\$20.61	\$7.09	\$7.34
10-Mar	ARGON IND 60 CGA 580	AR 60	CL	\$19.16	\$19.83	\$7.09	\$7.34
11-Mar	ARGON PREPURIFIED 300 CGA 580	AR PP300	CL	\$73.08	\$75.64	\$7.09	\$7.34
12-Mar	ARGON UHP GR 5.0 300 CGA 580	AR UHP300	CL	\$104.58	\$108.24	\$7.09	\$7.34
13-Mar	ARGON ARCAL IND 300 SMARTOP	ACLPRIME300SMT	CL	\$39.91	\$41.31	\$7.09	\$7.34
4	CARBON DIOXIDE						
1-Apr	CARBON DIOXIDE FG/IND 10LB C/O	CD FG10C	CL	\$12.43	\$12.87	SOM OWNED	SOM OWNED
2-Apr	CARBON DIOXIDE FG/IND 20LB	CD FG20	CL	\$13.66	\$14.14	\$7.09	\$7.34
3-Apr	CARBON DIOXIDE FG/IND 20LB SIPHON	CD FG20S	CL	\$13.66	\$14.14	\$7.09	\$7.34
4-Apr	CARBON DIOXIDE FG 50LB	CD FG50	CL	\$15.95	\$16.51	\$7.09	\$7.34
5-Apr	CARBON DIOXIDE FG/IND 5LB	CD FG5	CL	\$11.29	\$11.69	\$7.09	\$7.34
6-Apr	CARBON DIOXIDE LIQ 160LT 350PSI	CD 160LT350	CL	\$148.84	\$154.05	\$7.09	\$7.34
7-Apr	CARBON DIOXIDE LIQ 180LT 350PSI	CD 180LT350	CL	\$155.05	\$160.48	\$7.09	\$7.34
8-Apr	CARBON DIOXIDE IND 50LB	CD 50	CL	\$15.95	\$16.51	\$7.09	\$7.34
9-Apr	CARBON DIOXIDE IND 200 CGA 320	CD 50	CL	\$15.95	\$16.51	\$7.09	\$7.34
10-Apr	CARBON DIOXIDE USP 50LB CGA320	CD USP50	CL	\$25.05	\$25.93	\$7.09	\$7.34
5	CARBON MONOXIDE						
1-May	CARBON MONOXIDE CP 300GR 2.5 CLIFFS	CM CP300C512	CL	\$165.95	\$171.76	\$7.09	\$7.34
6	SPECIALTY GASES						
1-Jun	CT 2.5%ME/AI 103DS	X02AI97CP101535	CL	\$169.66	\$175.60	\$7.09	\$7.34
2-Jun	CY 250PPM AM/AI 58DAL	X02AI99CP58V1M5	CL	\$198.23	\$205.17	\$7.09	\$7.34
3-Jun	CT 5 COMP/NI 34DAL	X05NI85CA3468F1	CL	\$186.56	\$193.09	\$7.09	\$7.34
4-Jun	CT 50PPM HS/AI 58DAL	X02AI99CP584594	CL	\$184.30	\$190.75	\$7.09	\$7.34
5-Jun	CT 5PPM ND, 1000PPM OX/NI 58DAL	X03NI99CP586617	CL	\$240.32	\$248.73	\$7.09	\$7.34
6-Jun	E1 10% ME/AR 300	X02AR90D3000979	CL	\$74.20	\$76.80	\$7.09	\$7.34
7-Jun	CARBON DIOXIDE w/NITROGEN BAL 2500PPM	X02NI99CP581FJ0	CL	\$125.71	\$130.11	\$7.09	\$7.34

8-Jun	LD 0.3% CM/10% HE/21% OX/NI 200	Z04NI6852003016	CL	\$398.35	\$412.29	\$7.09	\$7.34
9-Jun	CT 500PPM NS/NI 34DAL	X02NI99CA344BE9	CL	\$85.71	\$88.71	\$7.09	\$7.34
10-Jun	1% CM/6% CD/300PPM PR/BAL NI (C3H8) 103DS	X04NI92CP105871	CL	\$448.67	\$464.37	\$7.09	\$7.34
11-Jun	10PPM HS/BAL NI 58DAL	X02NI99CP581326	CL	\$191.09	\$197.78	\$7.09	\$7.34
12-Jun	35PPM AM/BAL NI 58DAL	X02NI99CP5850G9	CL	\$191.12	\$197.81	\$7.09	\$7.34
13-Jun	50PPM CM/BAL NI 103DS	X02NI99CP104567	CL	\$191.12	\$197.81	\$7.09	\$7.34
14-Jun	50PPM CM/50% ME LEL (2.5% VOL.)/12% OX/10PPM HS/BAL NI 58DAL	X05NI85CP5854Z2	CL	\$251.25	\$260.04	\$7.09	\$7.34
15-Jun	5.0PPM SD/BAL NI 58DAL	X02NI99CP581604	CL	\$205.58	\$212.78	\$7.09	\$7.34
16-Jun	NITROGEN PREPURIFIED 103DS	NI UHPP10	CL	\$140.23	\$145.14	\$7.09	\$7.34
17-Jun	2500PPM CD/BAL NI 103DS	X02NI99CP103776	CL	\$191.09	\$197.78	\$7.09	\$7.34
18-Jun	1PPM CH/BAL NI 58DAL	X02NI99CP584BQ5	CL	\$202.56	\$209.65	\$7.09	\$7.34
19-Jun	2.5% CD/BAL NI 103DS	X02NI97CP105393	CL	\$191.09	\$197.78	\$7.09	\$7.34
7	EP						
1-Jul	EP 2500PPM CM/NI 15A	E02NI99E15A0138	CL	\$441.90	\$457.37	\$7.09	\$7.34
2-Jul	EP 4599M SD/NI 15A	E02NI99E15A0154	CL	\$441.90	\$457.37	\$7.09	\$7.34
3-Jul	EP 50PPM NC/NI 15A	E02NI99E15A0147	CL	\$441.90	\$457.37	\$7.09	\$7.34
8	ETHANE						
1-Aug	ETHANE TECH 200	ET T200	CL	\$276.19	\$285.86	\$7.09	\$7.34
9	ETHYLENE						
1-Sep	ETHYLENE UHP GR 3.0 SIZE 200	EY UHP200	CL	\$247.43	\$256.09	\$7.09	\$7.34
10	HELIUM						
1-Oct	HELIUM IND LIG 100LT	HE 100LT	CL	\$938.14	\$970.97	\$62.85	\$65.05
2-Oct	HELIUM IND LIQ 60LT	HE 60LT	CL	\$898.73	\$930.19	\$62.85	\$65.05
3-Oct	HELIUM IND 200 CGA 580	HE 200	CL	\$172.44	\$178.48	\$7.09	\$7.34
4-Oct	HELIUM IND 300 CGA 580	HE 300	CL	\$197.69	\$204.61	\$7.09	\$7.34
5-Oct	HELIUM GR 4.8 HP SIZE 300	HE HP300	CL	\$264.91	\$274.18	\$7.09	\$7.34
6-Oct	HELIUM RESEARCH GR 6.0 SIZE 300	HE R300	CL	\$536.32	\$555.09	\$7.09	\$7.34
7-Oct	HELIUM UHP 20 CGA 580	HE UHP20	CL	\$109.67	\$113.51	\$7.09	\$7.34
8-Oct	HELIUM UHP 20 CGA 580 C.O	HE UHP20C	CL	\$109.67	\$113.51	SOM OWNE D	SOM OWNE D
9-Oct	HELIUM UHP 200	HE UHP200	CL	\$165.06	\$170.84	\$7.09	\$7.34
10-Oct	HELIUM UHP 300 CGA 580	HE UHP300	CL	\$284.83	\$294.80	\$7.09	\$7.34

11-Oct	HELIUM UHP 80 CGA 580	HE UHP80	CL	\$123.17	\$127.48	\$7.09	\$7.34
12-Oct	HELIUM UPC GRADE 300	HE UPC300	CL	\$246.34	\$254.96	\$7.09	\$7.34
11	HYDROGEN						
1-Nov	HYDROGEN CHLORIDE TECH 200 CGA 330	HC T200	CL	\$588.55	\$609.15	\$7.09	\$7.34
2-Nov	HYDROGEN UHP GR 5 SIZE 300	HY UHP300	CL	\$59.57	\$61.65	\$7.09	\$7.34
3-Nov	HYDROGEN UHPC SIZE 300	HY UPC300	CL	\$61.63	\$63.79	\$7.09	\$7.34
4-Nov	HYDROGEN RESEARCH 300 CGA 350	HY R300	CL	\$342.39	\$354.37	\$7.09	\$7.34
12	IND MIXES						
1-Dec	INM 10% CD/AR 300	AR CD10300	CL	\$36.74	\$38.03	\$7.09	\$7.34
2-Dec	INM 15% CD/AR 300	AR CD15300	CL	\$39.83	\$41.22	\$7.09	\$7.34
3-Dec	INM ARCAL 2% CD/35% HE/AR 300	ACLCHROME300SMT	CL	\$82.20	\$85.08	\$7.09	\$7.34
4-Dec	INM 2% OX/AR 300	AR OX2300	CL	\$33.24	\$34.40	\$7.09	\$7.34
5-Dec	INM 2.5% CD/7.5% AR/HE 125	GG HBTRI125	CL	\$121.43	\$125.68	\$7.09	\$7.34
6-Dec	INM ARCAL 2.5% CD/7.5%AR/HE 300	ACLA7.C2.300SMT	CL	\$257.13	\$266.13	\$7.09	\$7.34
7-Dec	INM 2.5% CD/7.5% AR/HE 40	GG HBTRI40	CL	\$52.91	\$54.76	\$7.09	\$7.34
8-Dec	INM 2.5% CD/7.5% AR/HE 80	GG HBTRI80	CL	\$85.71	\$88.71	\$7.09	\$7.34
9-Dec	INM 25% CD/AR 125	AR CD25125	CL	\$19.00	\$19.67	\$7.09	\$7.34
10-Dec	INM 25% CD/AR 20	AR CD2520	CL	\$7.89	\$8.17	\$7.09	\$7.34
11-Dec	INM 25% CD/AR 200	AR CD25200	CL	\$29.56	\$30.59	\$7.09	\$7.34
12-Dec	INM 25% CD/AR 300	AR CD25300	CL	\$34.95	\$36.17	\$7.09	\$7.34
13-Dec	INM 25% CD/AR 40	AR CD2540	CL	\$14.69	\$15.20	\$7.09	\$7.34
14-Dec	INM 25% CD/AR 60	AR CD2560	CL	\$15.04	\$15.57	\$7.09	\$7.34
15-Dec	INM 25% CD/AR 80	AR CD2580	CL	\$23.72	\$24.55	\$7.09	\$7.34
16-Dec	INM 5% OX/AR 300	AR OX5300	CL	\$33.24	\$34.40	\$7.09	\$7.34
17-Dec	INM 8% CD/AR 300	AR CD8300	CL	\$36.79	\$38.08	\$7.09	\$7.34
18-Dec	INM ARCAL 10% CD/AR 300 SMARTOP	ACLCD10300SMT	CL	\$39.91	\$41.31	\$7.09	\$7.34
19-Dec	INM ARCAL 25% CD/AR 300 SMARTOP	ACLFLUX300SMT	CL	\$39.91	\$41.31	\$7.09	\$7.34
20-Dec	INM ARCAL 18% CD/AR 300 SMARTOP	ACLFORCE300SMT	CL	\$39.91	\$41.31	\$7.09	\$7.34
21-Dec	INM ARCAL 8% CD/AR 300 SMARTOP	ACLSPEED300SMT	CL	\$39.91	\$41.31	\$7.09	\$7.34

13	METHANE						
13-1	METHANE UHP GR 3.0 SIZE 300	ME UHP300	CL	\$402.09	\$416.16	\$7.09	\$7.34
14	NITROGEN						
14-1	NITROGEN GMP DEWAR REFILL 5LT	NI GMPDEWARFILL5L	LT	\$6.77	\$7.01	SOM OWNED	SOM OWNED
14-2	NITROGEN NF DEWAR REFILL	NI DEWARREFILL	LT	\$1.39	\$1.44	SOM OWNED	SOM OWNED
14-3	NITROGEN DEWAR REFIL	NI DEWARREFILL	LT	\$1.39	\$1.44	SOM OWNED	SOM OWNED
14-4	NITROGEN GMP DEWAR REFILL 10LT	NI GMPDEWARFILL10L	LT	\$13.95	\$14.44	SOM OWNED	SOM OWNED
14-5	NITROGEN IND 125	NI 125	CL	\$11.28	\$11.67	\$7.09	\$7.34
14-6	NITROGEN IND LIQ 160LT 22PSI	NI 160LT22	CL	\$89.73	\$92.87	\$62.85	\$65.05
14-7	NITROGEN IND LIQ 160LT 230PSI	NI 160LT230	CL	\$89.73	\$92.87	\$62.85	\$65.05
14-8	NITROGEN IND LIQ 180LT 22PSI	NI 180LT22	CL	\$94.28	\$97.58	\$62.85	\$65.05
14-9	NITROGEN IND LIQ 180LT 350PSI	NI 180LT350	CL	\$93.94	\$97.23	\$62.85	\$65.05
14-10	NITROGEN IND LIQ 230LT 50PSI	NI 230LT50	CL	\$104.80	\$108.47	\$62.85	\$65.05
14-11	NITROGEN IND 20 CGA 580	NI 20	CL	\$8.35	\$8.64	\$7.09	\$7.34
14-12	NITROGEN IND 200 CGA 580	NI 200	CL	\$11.57	\$11.97	\$7.09	\$7.34
14-13	NITROGEN IND 200 CGA 580 C/O	NI 200C	CL	\$11.57	\$11.97	SOM OWNED	SOM OWNED
14-14	NITROGEN IND 300 CGA 580	NI 300	CL	\$11.93	\$12.35	\$7.09	\$7.34
14-15	NITROGEN IND 300 CGA 580 C/O	NI 300C	CL	\$11.93	\$12.35	SOM OWNED	SOM OWNED
14-16	NITROGEN IND 40 CGA 580	NI 40	CL	\$10.54	\$10.91	\$7.09	\$7.34
14-17	NITROGEN IND 60 CGA 580	NI 60	CL	\$11.13	\$11.52	\$7.09	\$7.34
14-18	NITROGEN IND 80 CGA 580	NI 80	CL	\$11.30	\$11.70	\$7.09	\$7.34
14-19	NITROGEN UHP 80 CGA 580	NI UHP80	CL	\$32.30	\$33.43	\$7.09	\$7.34
14-20	NITROGEN UHP GR 5.0 SIZE 300	NI UHP300	CL	\$51.05	\$52.84	\$7.09	\$7.34
14-21	NITROGEN UHP GR 5.0 SIZE 35	NI UHP35	CL	\$29.75	\$30.79	\$7.09	\$7.34
14-22	NITROGEN UHP GR 5.0 SIZE 150A	NI UHP15A	CL	\$51.05	\$52.84	\$7.09	\$7.34
14-23	NITROGEN RESEARCH PLUS GR 6.0 SIZE 300 CGA 580	NI RP300	CL	\$239.99	\$248.39	\$7.09	\$7.34
15	OXYGEN						
15-1	OXYGEN ABO 300 CGA 540	OX AV300	CL	\$97.44	\$100.85	\$7.09	\$7.34
15-2	OXYGEN IND 125 CGA 540	OX 125	CL	\$7.63	\$7.90	\$7.09	\$7.34

15-3	OXYGEN IND LIQ 160LT 230PSI	OX 160LT230	CL	\$115.88	\$119.94	\$62.85	\$65.05
15-4	OXYGEN IND LIQ 180LT 230PSI	OX 180LT230	CL	\$122.85	\$127.15	\$62.85	\$65.05
15-5	OXYGEN IND 20 CGA 540	OX 20	CL	\$7.52	\$7.78	\$7.09	\$7.34
15-6	OXYGEN IND 20 CGA 540 C/O	OX 20C	CL	\$7.65	\$7.92	SOM OWNED	SOM OWNED
15-7	OXYGEN IND 200 CGA 540	OX 200	CL	\$8.43	\$8.73	\$7.09	\$7.34
15-8	OXYGEN IND 300 CGA 540	OX 300	CL	\$10.15	\$10.51	\$7.09	\$7.34
15-9	OXYGEN IND 60 CGA 540	OX 60	CL	\$8.23	\$8.52	\$7.09	\$7.34
15-10	OXYGEN IND 80 CGA 540	OX 80	CL	\$8.29	\$8.58	\$7.09	\$7.34
15-11	OXYGEN RESEARCH 300 CGA 540	OX R300	CL	\$387.31	\$400.87	\$7.09	\$7.34
15-12	OXYGEN UHP 300 CGA 540	OX UHP300	CL	\$124.95	\$129.32	\$7.09	\$7.34
15-13	OXYGEN UHP 80 CGA 540	OX UHP80	CL	\$88.20	\$91.29	\$7.09	\$7.34
15-14	OXYGEN USP 125 CGA 540	OX USP125	CL	\$8.42	\$8.71	\$7.09	\$7.34
15-15	OXYGEN USP D CGA 870 C/O	OX USPDC	CL	\$5.95	\$6.16	SOM OWNED	SOM OWNED
15-16	OXYGEN USP DA CGA 870	OX USPDA	CL	\$5.95	\$6.16	\$7.09	\$7.34
15-17	OXYGEN USP DA CGA 870 C/O	OX USPDAC	CL	\$5.95	\$6.16	SOM OWNED	SOM OWNED
15-18	OXYGEN USP DA CGA WOB	OX USPDAWBDS	CL	\$5.95	\$6.16	\$7.09	\$7.34
15-20	OXYGEN USP EA CGA 870 C/O	OX USPEAC	CL	\$5.01	\$5.19	SOM OWNED	SOM OWNED
15-21	OXYGEN USP M22 AL CGA 870	OX USPM22	CL	\$15.15	\$15.68	\$7.09	\$7.34
15-22	OXYGEN USP PURE 200 CGA 540	OX USP200	CL	\$8.96	\$9.27	\$7.09	\$7.34
15-23	OXYGEN USP PURE SIZE D CGA 870	OX USPD	CL	\$5.95	\$6.16	\$7.09	\$7.34
15-24	OXYGEN USP PURE SIZE E CGA 870	OX USPE	CL	\$5.01	\$5.19	\$7.09	\$7.34
15-25	OXYGEN USP PURE SIZE EA CGA 870	OX USPEA	CL	\$5.01	\$5.19	\$7.09	\$7.34
15-27	OXYGEN USP SIZE M6	OX USPM6	CL	\$4.90	\$5.07	\$7.09	\$7.34
15-28	OXYGEN USP PURE SIZE EA WOB	OX USPEAWBDS	CL	\$7.93	\$8.21	\$7.09	\$7.34
15-29	OXYGEN USP SIZE M9 C/O	OX USPM9C	CL	\$4.88	\$5.05	SOM OWNED	SOM OWNED
16	PROPANE						
16-1	PROPANE IND 100LB	PR 100	CL	\$85.77	\$88.77	\$7.09	\$7.34
16-2	PROPANE IND 20LB	PR 20	CL	\$19.24	\$19.91	\$7.09	\$7.34
16-3	PROPANE IND 33LB FORKLIFT	PR 33A	CL	\$30.50	\$31.57	\$7.09	\$7.34
16-4	PROPANE IND 33A FORKLIFT	PR 33A	CL	\$30.50	\$31.57	\$7.09	\$7.34
16-5	PROPANE IND 40LB	PR 40	CL	\$30.12	\$31.17	\$7.09	\$7.34
16-6	PROPYLENE IND 100LB	PP 100	CL	\$414.19	\$428.69	\$7.09	\$7.34

17	SULFUR HEXAFLUORIDE CP 35						
17-1	SULFUR HEXAFLUORIDE CP 35	SH CP35	CL	\$265.99	\$275.30	\$7.09	\$7.34

Table 2A: Various & Other

<i>Item Description</i>	<i>UofM</i>	<i>Unit Price</i>	<i>Comment/Notes</i>
Remote Telemetry	Month	\$55.00	For the Wolf Lake Owned Tank
Remote Telemetry	Month	See Notes	Included in Tank rental
Bulk Tank inspection	Month	See Notes	Inspections are included on all Airgas bulk tanks.
Removal of Bulk Tanks	Ea	\$1,500.00	This price is the same no matter the size of the tank.
Delivery of Compressed Gas Cylinders by Airgas Truck	Ea	\$11.90	This is a flat rate charge for the delivery of compressed gas cylinders.
Dry Ice (CD ICEP)	Lb	\$0.72	Dry Ice Pellets sold in 500# totes.

Table 2B: Hardgoods Discount Pricing

NO CHANGES TO THIS PRICING

Table 2C: PURCHASE OF COMPRESSED GAS CYLINDERS

<i>Item Description</i>	<i>Size</i>	<i>UofM</i>	<i>List Price</i>
HP Cylinder Purchase	20 cu ft	CL	\$119.49
HP Cylinder Purchase	40 cu ft	CL	\$175.40
HP Cylinder Purchase	60 cu ft	CL	\$199.25
HP Cylinder Purchase	80 cu ft	CL	\$299.53
HP Cylinder Purchase	125 cu ft	CL	\$326.83
Acetylene Cyl Purchase	MC Tank 10 cu ft	CL	\$73.07
Acetylene Cyl Purchase	B Tank 40 cu ft	CL	\$124.27
Acetylene Cyl Purchase	Size 3 65 cu ft	CL	\$220.96
LP Cylinder Purchase	20# Propane	CL	\$56.93

Table 2D: Bulk Rental Pricing

<i>Item Description</i>	<i>Bulk Tank Description</i>	<i>UofM</i>	<i>Monthly Cylinder Rental Rate</i>	<i>Tank Location</i>
Nitrogen Ind Bulk-Tank 1	1500 gal Liquid Nitrogen	CCF	\$438.15	3350 N MLK Jr. BLVD, Lansing, MI
Nitrogen Ind Bulk-Tank 2	1500 gal Liquid Nitrogen	CCF	\$438.15	3350 N MLK Jr. BLVD, Lansing, MI

Rental of 600 gallon bulk Nitrogen Vessel	600 gal Liquid Nitrogen	CCF	\$515.46	1615 S. Harrison Rd, East Lansing, MI
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Table 3: Bulk Gases

	Location Name	Street Address	Agency	Leased or Owned Status	Item	Bulk Tank Size (gallons)	UofM	Price per UofM	New Price per UofM
1	DNR Wolf Lake SFH	34270 County Rd 652 Mattawan, MI 49071	DNR	Owned	Ind Bulk Liq. Oxygen	3,000	CCF	\$0.65	\$0.67
2	EGL (Tank 1)	3350 N. MLK Jr. Blvd Lansing, MI 48906	EGL	Rented	Nitrogen Industrial Bulk	1,500	SCF	\$0.93	\$0.96
3	EGL (Tank 2)	3350 N. MLK Jr. Blvd Lansing, MI 48906	EGL	Rented	Nitrogen Industrial Bulk	1,500	SCF	\$0.93	\$0.96
4	MDARD Geagley Lab	1615 S. Harrison Rd East Lansing, MI 48823	MDARD	Rented	Nitrogen Industrial Bulk/Micro Bulk	600	CCF	\$1.22	\$1.26