

**INVITATION TO BID (ITB)
FOR
CALIBRATION GASSES AND CYLINDERS
RENTAL**

CONTROL NO. 2920000200

ADDENDUM No. 1

ISSUE DATE: 6/18/15

DEADLINE: 6/25/15 AT 2:00 PM EST

This addendum is being issued to modify some sections of the ITB as well as to answer questions submitted by the question deadline. **Note: Actual text changes are highlighted in BOLD italics.**

I. MODIFICATIONS:

1. ***EXTENDED Solicitation Deadline to Thursday, June 25, 2015 2:00 CST.***
2. **MODIFY** Scope of Work and Specifications as follows:
 - a. **REMOVE** the following language from section: C.1.3. General Contract Requirements; C.1.3.4. Pricing:
~~C.1.3.4.1. Bids must include all shipping and Hazmat Charges.~~
 - b. **MODIFY** section C.2. Minimum Specifications section C.2.1.7. to read as follows:
C.2.1.7. Gases provided must be from a production site ***and*** listed in the "2015 EPA Emission Protocol Gas Verification Program Participants". This document is located at:
<http://www.epa.gov/airmarkets/participants/PGVP-historical.html>
3. **REPLACE** Pricing Forms with the Revised Price Forms attached. (Page 31 has been removed.)

II. ANSWERS TO SUBMITTED QUESTIONS:

- Q.1. I see you have cylinder size listed on Invitation to Bid Calibration Gases and Cylinder Rentals as (approx. 7.25" x 32.9"). Matheson call this size a #2R aluminum cylinder which is 7" x 33" less valve and cap (approx. 77cf) this is equivalent to Scott Specialty Gases BL. I want to make sure that is the correct size you are looking for.
- A.1. The #2R size qualifies as an approved approximate size.

THIS AMENDMENT MUST BE ACKNOWLEDGED ON THE PROPOSAL FORM IN THE ITB

Q.2. On the ppm ranges listed are you stating that any mix that falls within the range is fine or do you want the range specified in the part number and perhaps specific part numbers to capture the ranges identified? For instance Item #2 shows 50-55ppm Nitric Oxide in Nitrogen. We have a part number for 50ppm Nitric Oxide in Nitrogen this would have Blend Tolerance of +/- 5% and Certified Accuracy of +/-1%. Another more expensive option is to have a new part number created specifying 50-55ppm and the range must fall within that window.

A2. The minimum acceptable concentration for a NO calibration gas is 50 ppm as shown in the QA Handbook, Volume II, Appendix D, page #11. 50 ppm +/- 5% will not work.

<i>Gaseous Standards</i>	All gas cylinders	NIST Traceable	1040 CFR Part 50 App F Section 1.3.1
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1) Requirement (NO ₂)	2) Frequency	3) Acceptance Criteria	Information / Action
		(e.g. EPA Protocol Gas) 50-100 ppm of NO in Nitrogen with ± 1 ppm NO ₂	2) NA (per handbook) 3) 40 CFR Part 50 App F Section 1.3.1 Gas producer used must participate in EPA Approved Air Pollution Gas Certification Program 40 CFR Part 58 App A sec 2.6.1

Q.3. UOM shows "Year" for cylinder rental which makes sense as long as the number of cylinders kept remains constant. However the UOM shows "Day" for each of the gas mixes and regulators- should this UOM state "Each"?

A.3. See Modification #3 above and revised Price Forms attached.

Q.4. Cylinder size listed as AL (which is Scott Specialty Gases designation) shows to be 8" x 64.8"- I believe this should be 8" x 48" less valve and cap. Matheson Size 1R is the same as Scott AL and both show to be 8" x 48".

A.4. The size 8" x 48" qualifies as an approved approximate size.

Q.5. Want to verify the intent of Shipping, Handling Charges shown to have UOM "Year" is to estimate how much the shipping would be for the quantity of cylinders shown (estimated) and enter as a single value.

A.5. To estimate the shipping cost, use the estimated number of cylinders listed in the ITB. Also, see Modification #3 and revised Pricing Forms attached.

THIS AMENDMENT MUST BE ACKNOWLEDGED ON THE PROPOSAL FORM IN THE ITB

H. PRICE AND COST

Failure to complete this form and submit with your Bid shall result in your Bid being deemed nonresponsive and rejected without any further evaluation.

H.1. PRICING FORM(S)

PRICING: Review the Scope of Work and Specifications within and provide a *firm fixed fee. The price bid shall be all inclusive which means that all related expenses, including shipping, travel and hazardous materials fees, etc. shall be factored into the unit prices below. Bidders must complete all pages of the Pricing Forms in its entirety.

PRICING Initial Award:

ITEM	DESCRIPTION	QTY	X	UNIT PRICE	UOM	X	YEAR	EXTENDED TOTAL ESTIMATED
1	RENTAL: CYLINDER RATE/DAY; NO DEPOSIT	32	x	\$	DAY	X	365=	\$
2	Nitrix Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 50-55 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	=		\$
3	Solphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	8	x	\$	EACH	X		\$
4	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 900-999 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	3	x	\$	EACH	X		\$
5	Hydrogen Sufide in Nitrogen: HYDROGEN SULFIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	X		\$
6	Nitric Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 10-25 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
7	Sulphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 10-15 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$

8	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 200-300 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT). . *FOR ITEM #S 2-8 SIZE 7 AL MAY BE SUBSTITUTED UPON DEQ'S REQUEST AT THE SAME PRICE	5	x	\$	EACH	X		\$
9	Stainless Steel Regulator: STAINLESS STEEL, TWO-STAGE 2-75 PSI REGULATOR, MODEL M215B CGA 330, 660, 590, 350, 580	4	x	\$	EACH	X		\$
10	Rental - <u>Toxics Cylinders</u> : CYLINDER RATE/DAY; NO DEPOSIT	38	x	\$	DAY	X	365=	\$
11	Ultra-Zero Ambient Monitoring Zero Air Cylinder: ULTRA-ZERO AMBIENT MONITORING ZERO AIR CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	20	x	\$	EACH	X		\$
12	Ultra-High Purity Hydrogen Gas: ULTRA-HIGH PURITY HYDROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
13	Ultra-Hight Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
14	Ultra-High Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	2	x	\$	EACH	X		\$
15	Shipping, Handling Charges	32	X	\$	EACH	=		\$
16	Hazmat Charges	32	x	\$	EACH	=		\$
SUB TOTAL ESTIMATE BID PRICE YEAR 1:								\$

PRICING FORM(S) Continued

OPTION 1 - YEAR 2:

ITEM	DESCRIPTION	QTY	X	UNIT PRICE	UOM	X	YEAR	EXTENDED TOTAL ESTIMATED
1	RENTAL: CYLINDER RATE/DAY; NO DEPOSIT	32	x	\$	DAY	X	365=	\$
2	Nitrix Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 50-55 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	=		\$
3	Solphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	8	x	\$	EACH	X		\$
4	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 900-999 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	3	x	\$	EACH	X		\$
5	Hydrogen Sufide in Nitrogen: HYDROGEN SULFIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	X		\$
6	Nitric Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 10-25 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
7	Sulphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 10-15 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
8	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 200-300 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT). . *FOR ITEM #S 2-8 SIZE 7 AL MAY BE SUBSTITUTED UPON DEQ'S REQUEST AT THE SAME PRICE	5	x	\$	EACH	X		\$

9	Stainless Steel Regulator: STAINLESS STEEL, TWO-STAGE 2-75 PSI REGULATOR, MODEL M215B CGA 330, 660, 590, 350, 580	4	x	\$	EACH	X		\$
10	Rental - <u>Toxics Cylinders</u> : CYLINDER RATE/DAY; NO DEPOSIT	38	x	\$	DAY	X	365=	\$
11	Ultra-Zero Ambient Monitoring Zero Air Cylinder: ULTRA-ZERO AMBIENT MONITORING ZERO AIR CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	20	x	\$	EACH	X		\$
12	Ultra-High Purity Hydrogen Gas: ULTRA-HIGH PURITY HYDROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
13	Ultra-Hight Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
14	Ultra-High Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	2	x	\$	EACH	X		\$
15	Shipping, Handling Charges	32	X	\$	EACH	=		\$
16	Hazmat Charges	32	x	\$	EACH	=		\$
SUB TOTAL ESTIMATE BID PRICE YEAR 2:								\$

PRICING FORM(S) Continued

OPTION 3 - YEAR 5:

ITEM	DESCRIPTION	QTY	X	UNIT PRICE	UOM	X	YEAR	EXTENDED TOTAL ESTIMATED
1	RENTAL: CYLINDER RATE/DAY; NO DEPOSIT	32	x	\$	DAY	X	365=	\$
2	Nitrix Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 50-55 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	=		\$
3	Solphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	8	x	\$	EACH	X		\$
4	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 900-999 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	3	x	\$	EACH	X		\$
5	Hydrogen Sufide in Nitrogen: HYDROGEN SULFIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	X		\$
6	Nitric Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 10-25 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
7	Sulphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 10-15 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
8	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 200-300 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT). . *FOR ITEM #S 2-8 SIZE 7 AL MAY BE SUBSTITUTED UPON DEQ'S REQUEST AT THE SAME PRICE	5	x	\$	EACH	X		\$
9	Stainless Steel Regulator: STAINLESS STEEL, TWO-STAGE 2-75 PSI REGULATOR, MODEL M215B CGA 330, 660, 590, 350, 580	4	x	\$	EACH	X		\$

10	Rental - Toxics Cylinders: CYLINDER RATE/DAY; NO DEPOSIT	38	x	\$	DAY	X	365=	\$
11	Ultra-Zero Ambient Monitoring Zero Air Cylinder: ULTRA-ZERO AMBIENT MONITORING ZERO AIR CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	20	x	\$	EACH	X		\$
12	Ultra-High Purity Hydrogen Gas: ULTRA-HIGH PURITY HYDROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
13	Ultra-Hight Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
14	Ultra-High Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	2	x	\$	EACH	X		\$
15	Shipping, Handling Charges	32	X	\$	EACH	=		\$
16	Hazmat Charges	32	x	\$	EACH	=		\$
SUB TOTAL ESTIMATE BID PRICE YEAR 3:								\$

PRICING FORM(S) Continued

OPTION 4 - YEAR 5:

ITEM	DESCRIPTION	QTY	X	UNIT PRICE	UOM	X	YEAR	EXTENDED TOTAL ESTIMATED
1	RENTAL: CYLINDER RATE/DAY; NO DEPOSIT	32	x	\$	DAY	X	365=	\$
2	Nitric Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 50-55 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	=		\$
3	Sulphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	8	x	\$	EACH	X		\$
4	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 900-999 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	3	x	\$	EACH	X		\$
5	Hydrogen Sulfide in Nitrogen: HYDROGEN SULFIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	X		\$
6	Nitric Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 10-25 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
7	Sulphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 10-15 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
8	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 200-300 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT). . *FOR ITEM #S 2-8 SIZE 7 AL MAY BE SUBSTITUTED UPON DEQ'S REQUEST AT THE SAME PRICE	5	x	\$	EACH	X		\$
9	Stainless Steel Regulator: STAINLESS STEEL, TWO-STAGE 2-75 PSI REGULATOR, MODEL M215B CGA 330, 660, 590, 350, 580	4	x	\$	EACH	X		\$

10	Rental - Toxics Cylinders : CYLINDER RATE/DAY; NO DEPOSIT	38	x	\$	DAY	X	365=	\$
11	Ultra-Zero Ambient Monitoring Zero Air Cylinder: ULTRA-ZERO AMBIENT MONITORING ZERO AIR CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	20	x	\$	EACH	X		\$
12	Ultra-High Purity Hydrogen Gas: ULTRA-HIGH PURITY HYDROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
13	Ultra-Hight Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
14	Ultra-High Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	2	x	\$	EACH	X		\$
15	Shipping, Handling Charges	32	X	\$	EACH	=		\$
16	Hazmat Charges	32	x	\$	EACH	=		\$
SUB TOTAL ESTIMATE BID PRICE YEAR 4:								\$

PRICING FORM(S) Continued

OPTION 4 - YEAR 5:

ITEM	DESCRIPTION	QTY	X	UNIT PRICE	UOM	X	YEAR	EXTENDED TOTAL ESTIMATED
1	RENTAL: CYLINDER RATE/DAY; NO DEPOSIT	32	x	\$	DAY	X	365=	\$
2	Nitrix Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 50-55 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	=		\$
3	Solphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	8	x	\$	EACH	X		\$
4	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 900-999 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	3	x	\$	EACH	X		\$
5	Hydrogen Sufide in Nitrogen: HYDROGEN SULFIDE IN NITROGEN, 40-45 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	6	x	\$	EACH	X		\$
6	Nitric Oxide in Nitrogen: NITRIC OXIDE IN NITROGEN, 10-25 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
7	Sulphur Dioxide in Nitrogen: SULPHUR DIOXIDE IN NITROGEN, 10-15 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT)	5	x	\$	EACH	X		\$
8	Carbon Monoxide in Air: CARBON MONOXIDE IN AIR, 200-300 PPM, NIST TRACEABLE; SIZE BL (APPROX 7.25" DIAMETER, 32.9" HEIGHT). . *FOR ITEM #S 2-8 SIZE 7 AL MAY BE SUBSTITUTED UPON DEQ'S REQUEST AT THE SAME PRICE	5	x	\$	EACH	X		\$
9	Stainless Steel Regulator: STAINLESS STEEL, TWO-STAGE 2-75 PSI REGULATOR, MODEL M215B CGA 330, 660, 590, 350, 580	4	x	\$	EACH	X		\$

10	Rental - Toxics Cylinders: CYLINDER RATE/DAY; NO DEPOSIT	38	x	\$	DAY	X	365=	\$
11	Ultra-Zero Ambient Monitoring Zero Air Cylinder: ULTRA-ZERO AMBIENT MONITORING ZERO AIR CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	20	x	\$	EACH	X		\$
12	Ultra-High Purity Hydrogen Gas: ULTRA-HIGH PURITY HYDROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
13	Ultra-Hight Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	8	x	\$	EACH	X		\$
14	Ultra-High Purity Nitrogen Gas: ULTRA-HIGH PURITY NITROGEN GAS CYLINDER SIZE AL (APPROX 8" DIAMETER, 48" HEIGHT)	2	x	\$	EACH	X		\$
15	Shipping, Handling Charges	32	X	\$	EACH	=		\$
16	Hazmat Charges	32	x	\$	EACH	=		\$
SUB TOTAL ESTIMATE BID PRICE YEAR 5:								\$
TOTAL ESTIMATE BID PRICE FOR (ADD YEAR 1 THROUGH YEAR 5):								\$

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