



ESSEX COUNTY

OFFICE OF THE MANAGER

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Daniel L. Palmer
County Manager

Linda M. Wolf
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TO: All Bidders

FROM: Linda Wolf, CPA, Purchasing Agent

DATE: January 16, 2013

SUBJECT: Addendum #2 BREATHING AIR COMPRESSOR

This Addendum, issued to bid document holders of record, indicates changes to the bid documents for the *BREATHING AIR COMPRESSOR* Bid Opening January 31, 2013.

Please replace the bid SPECIFICATIONS with the attached SPECIFICATIONS

END OF ADDENDUM #2

SPECIFICATIONS

It is the intent of these specifications to describe a High Pressure Breathing Air Compressor. Please include delivery, materials and labor to install at the Essex County Fairgrounds in Westport, New York.

SCOPE

This specification describes a Horizontal, Open Frame Compressor with a 4 stage compressor block, 6000 psi DOT Cascade cylinders, piping, hoses, and adapters to fill 2.2 and 4500 psi bottles and installation provided by vendor.

Horizontal, Open Frame Compressor with a 4 stage compressor block.

- Minimum 9 CFM compressor single phase
- 7.5hp 208-230 VAC single phase electric motor
- Charge rate is 9 CFM at 6000 PSI
- Relief valves on each stage of compression
- Combination pressure and splash lubrication
- Intercoolers/after coolers
- Electrical-driven oil pump allowing an 8 second pre-lube
- 3 quart oil capacity with spin-on oil filter
- Siemens Logo 24 volt AC controller smart relay or equal
- Magnetic starter with overload protector
- High pressure shutdown switch and auto on switch
- Low oil pressure shutdown switch
- Surge protection for the 24 volt electrical control system
- Automatic condensate drain: eliminating condensate buildup every 15 minutes and at shutdown reservoir, 5 gallon included
- Purification: replaceable cartridge type purification system provides approx. 25,000 SCF of Grade "E" Air between cartridge changes
- See-View indicator: allows visual monitoring for H₂O & CO contamination
- Approximate dimensions: foot print 70"W x 30"D, and no higher than 72"

Vendor will provide six (6) 6500 psi DOT cascade cylinders and all connection piping, hoses, fittings, and adapters to fill 2.2 and 4500 psi bottles.

Installation of the compressor unit at the designated location will include the electrical connection to a properly sized electrical Safety Switch placed in the vicinity of the compressor by Essex County Buildings and Grounds and the air intake extended to building exterior with approved piping, and outside insect, water, resistant intake shield.