



The leader in pressure vessel technology since 1897

Date: July 25, 2016

Pages: 1 (including this cover sheet)

TO: Troy Dunlap
Small Arrow Engineering
417-624-2333

FROM: Nicole Rebyanski
Sr. Product Manager
412-664-6637
412-627-2643 cell
Fax: 412-664-6653

E-mail: tdunlap@smallarrow.com

E-mail: nicole.rebyanski@cp-industries.com

REFERENCE: Our Inquiry C-1797.

SUBJECT: City of Norman

CP Industries is pleased to offer the following for your consideration:

All the below assemblies include horizontal vessel mounting in I-Beam supports. Each vessel includes a 5% notch ultrasonic inspection, a 3/4" NPT valve on the front end, a safety relief valve, block and bleed valve and an isolation valve on the rear end, and a 1/2" NPT dome drain valve. The assembly will be painted with a coat of primer and a finish coat of white urethane enamel. SRV vent pipes are not included. Assembly will comply with Section 11500-8 (2.04) Storage Vessel Assembly. **Except; each individual pressure vessel will be hydro tested as per ASME code. The assembly cannot reasonably be hydro tested as an assembly. The assembly is leak tested with dry nitrogen to operating pressure.**

ITEM 1: 3-vessel CNG assembly (1 wide x 3 high)

SPEC: Seamless pressure vessel to ASME UPV Code Section VIII, Division 1, Appendix 22, Safety Factor 3 to 1 for dry gas, non-corrosive service. Design temperature is -40 °F to +200 °F. Vessel material is SA372 Grade J, Class 70.

Vessel Size: 20" OD x 1.303" MW x 37' 0" Long
Design Pressure: 5500 psig
Assembly Volume: 168.9 ft³
Assembly Capacity: 60,285 scf CNG @ 5000 psig
Assembly Weight: 34,140 lbs.

PRICE: US\$ 101,000 per assembly FOB McKeesport, PA. Freight not included.

DELIVERY: 12-14 weeks after receipt of order and approved drawings. This estimate is based on our current mill schedule and is subject to change without notice. Material is subject to prior sale. A firm delivery will be established upon receipt of an order.

TERMS: 30% down payment upon issue of PO, balance Net 30 OR as arranged with CPI Treasury. Please refer to attached CPI conditions. Price valid for 60 days.

NOTES: Budgetary price based on above specified design. Any deviation from this design is subject to price change.

Regards,

Nicole Rebyanski

Nicole Rebyanski

cc: C-File