



2214 Walnus Street McKeesterr, PA 18132/2008 WWW.CP-INDUSTRIES.COM

The leader in pressure vessel technology since 1897

Date: November 20, 2019 Pages:

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TO:

John Bolte

FROM:

Small Arrow Engineering

Jeff Polce

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REFERENCE: Our Inquiry C-2041

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

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.

ITEM 1:

(1) 3-vessel I-beam assembly (1 wide x 3 high)

Vessel Size:

20" OD x 1.303" MW x 37' 0" Long

Design Pressure:

5500 psig 168.9 ft3

Assembly Water Volume:

60,285 scf CNG @ 5000 psig

Assembly Capacity: Est. Assembly Weight:

34,500 lbs.

Each assembly includes horizontal vessel mounting in I-beam frame supports. Each vessel includes 5% notch ultrasonic inspection, a 34" Code 62 valve on the front end, a 5000 psi safety relief valve with 34" Code 62 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. Includes vent stack assembly.

PRICE:

US\$ 104,250 each FOB McKeesport, PA.

Seismic Bracing US\$ 10,800.00

NOTES:

Pricing is contingent upon the specifications listed above and is subject to change due to any

engineering/design changes that deviate from the above specifications.

DELIVERY:

18 weeks after receipt of purchase order and drawing approvals. This estimate is based on current

mill schedules and is subject to change without notice. Material is subject to prior sale.

TERMS:

1/3 down payment with order; balance net 30.

Regards,

Jeff Polce

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Sr. Product Manager

cc: C-File