

Composites USA

One Peninsula Drive
North East, MD 21901
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F. 410.287.5222
www.compositesusa.com

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
John Estep	Dave Jackson
COMPANY:	DATE:
	October 7, 2021
FAX NUMBER:	TOTAL NO. OF PAGES, INCLUDING COVER:
304-558-3970	11
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
304-558-2566	CRFQ-DOT2200000047
RE:	YOUR REFERENCE NUMBER:
Quote	Quote #2021-30977

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

10/07/21 10:34:55
Purchasing Division



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October 7, 2021

Dianna K. Doss
Purchasing Assistant
WV Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305
(304)558-8807
Dianna.k.doss@wv.gov

Re: Fiberglass Tank Inquiry, CRFQ-DOT2200000047 – FRP & PE Tanks,
Composites USA Quote #2021-30977

Greetings:

We appreciate the opportunity to quote your requirements for the supply of the fiberglass vessels requested in your e-mail dated September 22, 2021.

Our proposal includes the fabrication and supply of the following ASTM D-3299 and ASTM D-4097 design and construction requirements.

https://www.compositesusa.com/PS_TVE_FGTankVes.php

2,500 Gallon FRP Tank Description: (1) Required

Configuration: Vertical, with flat bottom and welded dished top

- Diameter, inches: 96
- Straight side length, inches: 96
- Nominal capacity, gallons: 3,008
- Hold down lugs: (4) 304 stainless steel
- Lift lugs: (4) 304 stainless steel, (3) upper, (1) lower
- Man ways, flanged and bolted with bolt sets and gasket: (1) - 24" diameter top mounted
- Flanged and gusseted nozzles: (2) 2" diameter
- Flanged non-gusseted nozzles: none
- Vent: (1) 4" diameter "Gooseneck" with stainless steel screen
- Threaded FNPT coupling connections: none
- Blind flanges with bolt sets and gaskets: none
- Dip tubes, internal siphons: none
- Internal brackets: none
- External brackets: none
- Insulation: none
- Heaters: none
- Accessories: (2) 2" flange connectors, (2) 2" PVC Ball Valves, (2) 2"dia. x 20' Flexible hoses
- Gallon scale: Laminated to sidewall
- Nameplate: Laminated to sidewall

6,100 Gallon FRP Tank Description: (1) Required

Configuration: Vertical; with flat bottom and welded dished top

Diameter, inches: 120
Straight side length, inches: 126
Nominal capacity, gallons: 6,169
Hold down lugs: (4) 304 stainless steel
Lift lugs: (4) 304 stainless steel, (3) upper, (1) lower
Man ways, flanged and bolted with bolt sets and gasket: (1) - 24" diameter top mounted
Flanged and gusseted nozzles: (2) 2" diameter
Flanged non-gusseted nozzles: none
Vent: (1) 4" diameter "Gooseneck" with stainless steel screen
Threaded FNPT coupling connections: none
Blind flanges with bolt sets and gaskets: none
Dip tubes, internal siphons: none
Internal brackets: none
External brackets: none
Insulation: none
Heaters: none
Accessories: (2) 2" flange connectors, (2) 2" PVC Ball Valves, (2) 2" dia. x 20' Flexible hoses
Gallon scale: Laminated to sidewall
Nameplate: Laminated to sidewall

10,000 Gallon FRP Tank Description: (1) Required

Configuration: Vertical, with flat bottom and welded dished top

Diameter, inches: 144
Straight side length, inches: 144
Nominal capacity, gallons: 10,152
Hold down lugs: (4) 304 stainless steel
Lift lugs: (4) 304 stainless steel, (3) upper, (1) lower
Man ways, flanged and bolted with bolt sets and gasket: (1) - 24" diameter top mounted
Flanged and gusseted nozzles: (2) 2" diameter
Flanged non-gusseted nozzles: none
Vent: (1) 4" diameter "Gooseneck" with stainless steel screen
Threaded FNPT coupling connections: none
Blind flanges with bolt sets and gaskets: none
Dip tubes, internal siphons: none
Internal brackets: none
External brackets: none
Insulation: none
Heaters: none
Accessories: (2) 2" flange connectors, (2) 2" PVC Ball Valves, (2) 2" dia. x 20' Flexible hoses
Gallon scale: Laminated to sidewall
Nameplate: Laminated to sidewall

Pricing for FRP Tanks:

2,500 Gallon FRP Tank price, based upon the above is \$39,622.00 each
6,100 Gallon FRP Tank price, based upon the above is \$57,494.00 each
10,000 Gallon FRP Tank price, based upon the above is \$70,195.00 each

HDPE SINGLE WALL TANKS:

1 EA 2,500 Gallon Vertical Storage Tank, 90" diameter, 1.9 S.G., HDLPE, natural
Selling Price, \$ 6,143.00 each

1 EA 6,500 Gallon Vertical Storage Tank, 120" diameter, 1.9 S.G., HDLPE, natural
Selling Price, \$ 18,537.00 each

PE CAPTOR CONTAINMENT TANKS:

2 EA 2,500 Gallon Captor Containment System, 102" diameter, 1.9 S.G. Primary and
Secondary
Tanks, HDLPE Primary and Secondary Tanks, natural.
Selling Price, \$ 15,878.00 each

2 EA 6,500 Gallon Captor Containment System, 120" diameter, 1.9 S.G. Primary Tank, 1.5 S.G.
Secondary Tank, HDLPE Primary and Secondary Tank, natural.
Selling Price, \$ 39,728.00 each

Each Tank to Include:

- 1 – 18" Top, Threaded Manway w/15" access opening
- 1 – 18" Mushroom Vent w/Mesh Screen
- 1 – 2" Double Flange Fitting (PVC) w/316 SS Poly. Enc. Bolts & EPDM Gaskets
- 1 – 2" Threaded Bulkhead Fitting (PVC) w/EPDM Gaskets

Protective Plastic Wrap for Shipment

NOTE: Captors also include a 2" UFO Fitting w/EPDM Gaskets, does **NOT include** fill-hose sections, quick connects or shut off ball valves.

Design Criteria:

Design Pressure: atmospheric
Design Vacuum: atmospheric
Liquid Specific Gravity: 1.2
Service Condition: Brine
Seismic: Seismic zone 1
Temperature: 120°F
Wind: 110 mph
Corrosion Allowance, in: 0.00"

Construction Details:

Corrosion barrier reinforcement: Single C glass veil plus chop strand E-glass, 0.100" nominal
Corrosion barrier resin: Hetron 922 vinyl ester or equal, with MEKP cure
Structural layer resin: Hetron 922 vinyl ester or equal, with MEKP cure
External finish: CUSA "Light Gray" gel-coat with U.V. inhibitor added

Gaskets, where provided above: EPDM full face
Bolts, where provided above: 316 stainless steel

QA and Test:

Dimensional: per drawing
Visual: Level II
Hardness: Barcol
Resin Cure: Acetone wipe
Acoustic Emission test: not required
Hydro-test: In field by others
Pressure test: not required
Vacuum test: not required
Customer inspection: as required and agreed upon @ CUSA North East, MD facility
Professional Engineer stamp: not required

Exceptions:

1. Only premium Polyethylene vessels available.

The prices above quoted firm for 30 days. Payment terms: Net 30.
All pricing based upon F.O.B. Shipping Point (North East, MD). Freight not included.
WV DOT Terms & Conditions accepted by Composites USA

Due to continuous price fluctuations and shortages of Vinyl ester resin, Composites USA reserves the right to make resin cost adjustments up until the time we receive the actual resin for your project.

Estimated freight from CUSA North East, MD to Huntington, West VA.: Add as listed below
Legal load flatbed: 2,500 gallon vessels: \$2,275.00 each
Step deck: For 6,100 gallon vessels: \$2,697.00 each
Double drop: For 10,000 gallon vessels: \$4,500.00 each

" Issuance of a Purchase Order will not constitute the formation of a binding contract until your Purchase Order is accepted in writing by Composites USA"

Schedule, based upon current lead-time:

Drawings: 4 weeks after receipt of approved purchase order
Fabrication: 18 - 20 weeks after receipt of approved drawings
Shipping: upon completion
Lead-time based on availability of materials and confirmed at time of order placement.

CUSA Terms and Conditions attached. Sales taxes, if applicable are not included in the prices shown.

Oct. 7. 2021 10:30AM

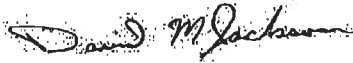
Oct 7 2021 10:37am
No. 9370 P. 6

P006

Composites USA Quote #2021-30977, p.5 of 5, 10/7/21

Thank you for this opportunity to provide you with pricing and services. If you have any questions regarding this proposal, please call Composites USA at (410) 287-2700. You may find additional details on Composites USA standard product lines and production capabilities at https://www.compositesusa.com/PS_TVE_FGTankVes.php

Sincerely,



David M. Jackson (Dave)

Estimator
1 Peninsula drive
North East, MD 21901
Phone: 410-656-2778
Fax: 410-287-5222
E-Mail: djackson@compositesusa.com

Cc: Dan Naugle, 410-287-2700, dnaugle@compositesusa.com

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways to establish an open-end contract to provide Vertical Brine Storage Tanks for use at West Virginia Division of Highways locations throughout the State of West Virginia, per the specifications and Terms & Conditions as attached hereto.

INVOICE TO: SHIP TO:

VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA	
No City WV US		VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City WV US		No City WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	VERTICAL BRINE STORAGE TANKS	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25102001			

Extended Description:
VERTICAL BRINE STORAGE TANKS - PER EXHIBIT A PRICING PAGE

EVENTS

Line	Event	Event Date
1	Technical Questions due by September 30, 2021 at 10:00 AM	2021-09-30

Oct. 7. 2021 10:30AM

Oct 7 2021 10:38am
No. 9370 P. 9

P009

	Document Phase	Document Description	Page 3
DOT2200000047	Final	VERTICAL BRINE STORAGE TANKS	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Brine Storage Tanks Pricing Pages Attachment A (ATT A)

Fiberglass Brine Storage Tanks

Contract Item #	Quantity	Description	Unit of Measure	Unit Cost
A		2,500 Gallon Tank with Connections 8' diameter by 8' sidewall height	Ea.	
		Brand Name, Primary:		
		Model #		
B		6,100 Gallon Tank with Connections 10' diameter by 10' 6" sidewall height	Ea.	
		Brand Name, Primary:		
		Model #		
C		10,000 Gallon Tank with Connections 12' diameter by 12' sidewall height	Ea.	
		Brand Name, Primary:		
		Model #		

Polyethylene Brine Storage Tanks

Contract Item #	Quantity	Description	Unit of Measure	Unit Cost
D		2,500 Gallon Heavy Weight Primary Tank with Connections	Ea.	
		Brand Name, Primary:		
		Model # , Primary:		
E		6,100 Gallon Heavy Weight Primary Tank with Connections	Ea.	
		Brand Name, Primary:		
		Model # , Primary:		
F		2,500 Gallon Heavy Weight Primary Tank with 6,100 Gallon Premium Weight Secondary Containment Tank and Connections.	Ea.	
		Brand Name, Primary:		
		Model # , Primary:		
		Brand Name, Secondary:		
G		2,500 Gallon Heavy Weight Primary Tank with 6,100 Gallon Heavy Weight Secondary Containment Tank and Connections.	Ea.	
		Brand Name, Primary:		
		Model # , Primary:		
		Brand Name, Secondary:		
		Model # , Secondary:		

Continued on Page 2

Brine Storage Tanks Pricing Pages Attachment A (ATT A)

Polyethylene Brine Storage Tanks

Contract Item #	Quantity	Description	Unit of Measure	Unit Cost
H		6,100 Gallon Heavy Weight Primary Tank with 10,000 Gallon Premium Weight Secondary Containment Tank and Connections.	Ea.	
		Brand Name, Primary:		
		Model # , Primary:		
		Brand Name, Secondary:		
		Model # , Secondary:		
I		6,100 Gallon Heavy Weight Primary Tank with 10,000 Gallon Heavy Weight Secondary Containment Tank and Connections.	Ea.	
		Brand Name, Primary:		
		Model # , Primary:		
		Brand Name, Secondary:		
		Model # , Secondary:		
Overall Total Cost:				