

December 18, 2024

ADDENDUM #1
BL153-24

Purchase of Liquid Oxygen and Liquid Nitrogen on an Annual Contract

I. Questions:

Q1. Are there any bonds required to submit a bid?

A1. No, bonds are not required.

Q2. Would Gwinnett County consider a site visit to see the tanks where the chemicals will be stored?

A2. No, there will not be a site visit at this time. Please see the photos attached in response to Q3.

Q3. Please provide photos of the requested: 1. Clear photo of the tanks, 2. The manufacturers plate from each tank (includes size, build date, etc.).

A3. Please see photos attached.

Q4. Does Gwinnett County own or lease the current tanks?

A4. Gwinnett County owns the tanks in place.

II. Attachments:

F Wayne Hill Water Reclamation Center Liquid Oxygen Tanks (Qty 2)

Liquid Oxygen (LOX) Storage Tanks	
Type	HS-13000
Size	Diameter -8 feet 6 inches Length- 26 feet 6 inches
Materials of Construction	Inner vessel SA553 9% Nickel Outer Vessel - A36 Carbon Steel
Capacity	13,513 gallons (51,152 Liters)



Lanier Filter Plant Liquid Oxygen Tank



Lanier Filter Plant Lox Fill Connection (1.5 inch coupling)



Liquid Oxygen System	
LOX Tank Manufacturer	Taylor-Wharton
LOX Tank Model	VT-13000-175-02
Number LOX tanks	1
Liquid Oxygen Tank	
Type	Vertical
Volume, gal	13,000
Tank diameter, ft	10
Volume, lbs (max)	151,200
LOX specific gravity	1.14
Tank operating pressure, psi	75
Maximum allowable working pressure, psig	175 at 100 °F
Minimum design metal temperature, °F	-320 °F at 175 psig
Design temperature, °F	100 to -320
Nitrogen Delivery System	
Nitrogen tank manufacturer	Chart
Maximum allowable working pressure, psig	350 at 100 °F
Minimum design metal temperature, °F	-320 °F at 350 psig
Nitrogen tank volume, liters (gal)	700 (185)

Lanier Filter Plant Nitrogen Tank



Shoal Creek Filter Plant Liquid Oxygen Tanks (Qty 2)



Liquid Oxygen System	
Number LOX tanks	2
Type	Horizontal
Volume, each gal.	12,800
Volume, each lbs	123,890
LOX specific gravity	1.14
Tank operating pressure, psi	75
Maximum allowable working pressure, psig	250
Design temperature	100°F to -320°F
Days of storage (average)	10

Shoal Creek Filter Plant Nitrogen Tank (200 gallons)



This addendum should be signed in the space provided below and returned with your quote. Failure to do so may result in your quote being deemed non-responsive.

Thank you,

Brittany Bryant, CPPB
Purchasing Associate III

Company Name _____

Authorized Representative _____