ADDENDUM OF SOLICITATION

INVITATION FOR BIDS (IFB No. 025-001)

ADDENDUM No. 1

Issued: October 1, 2024

IFB No. 025-001

Title: PRTC Fuel Storage Tanks and Dispensers Replacement

Contact: Cynthia Porter Johnson **Email:** cporter-johnson@omniride.com **Phone**: 703-580-6147

This addendum is hereby incorporated into the solicitation documents of the above referenced IFB. The following items are clarifications, corrections, additions, deletions and/or revisions to the IFB, which shall take precedence over the original documents. Bidders must acknowledge receipt of this amendment by returning the signed original with the Bid package prior to the hour and date specified in the solicitation.

DESCRIPTION OF ADDENDUM

The above numbered solicitation is amended as follows:

1. **PRE-BID ATTENDEE LIST, PRESENTATION AND ANSWERS TO SUBMITTED QUESTIONS –** Providing pre-bid meeting attendee list, pre-bid presentation, and a matrix of answers to all submitted questions and attached herewith, **PRTC Fuel Storage Tanks and Dispensers Replacement Questions.**

2. **SECTION III SCOPE OF WORK**
   Revising the SCOPE OF WORK to edit details and include additional Contractor Responsibilities.

   DELETE: **SECTION III – SCOPE OF WORK**

   REPLACE WITH: **REVISED SECTION III – SCOPE OF WORK attached herewith**

3. **ATTACHMENT A-5 SITE PLAN – Fuel Tank Replacement Plan**
   Providing Revised Sheets (C201 and C400) for Fuel Tank Replacement Plan by IMEG

   DELETE: **Sheet C201 SITE DETAILS**

   REPLACE WITH: **REVISED Sheet C201 SITE DETAILS attached herewith**

   DELETE: **Sheet C400 PROPOSED CONSTRUCTION**

   REPLACE WITH: **REVISED Sheet C400 PROPOSED CONSTRUCTION attached herewith**

4. **ATTACHMENT B - PRICING SCHEDULE**
   Providing revised Pricing Schedule to include additional line items.

   DELETE: **ATTACHMENT B PRICING SCHEDULE**

   REPLACE WITH: **REVISED ATTACHMENT B PRICING SCHEDULE attached herewith**

Except as specifically amended herein, all other terms and conditions of this solicitation remain unchanged and in full force and effect.

Bidders must acknowledge receipt of this amendment by returning signed original with the Bid package prior to the hour and date specified in the solicitation. Failure to acknowledge receipt of this Addendum may be grounds to declare your Bid unresponsive.

_____
Company

_____
Address

City_____ State_____ Zip Code_____

Name of Person Authorized to Sign _____
Print

Signature_____ Date_____

Pre-Bid Sign-In Sheet

Solicitation No: IFB No. 025-001

PRTC Fuel Storage Tanks and Dispensers Replacement

Date: September 17, 2024 - Time: 11:00 AM

POTOMAC & RAPPAHANNOCK TRANSPORTATION COMMISSION

	Name	Company	Phone	Email	In-Person or via Zoom
1.	KAMARI SOUTHERLAND	TOTAL ENVIRONMENTAL CONCEPTS	547-302-6024	KSOUTHERLAND@TECI.PRO	IN-PERSON
2.	PAUL CUNNINGHAM	TANKS DIRECT	301-674-8715	PAUL.CUNNINGHAM@TANKSDIRECT.COM	IN-PERSON
3.	WILLIE OVERSTREET	TOTAL ENVIRONMENTAL CONCEPTS	443-848-8931	WOVERSTREET@TECI.PRO	IN-PERSON
4.	DAN WEST	JF PETROLEUM GROUP	757-403-1569	DAN.WEST@JFPETROGROUP.COM	IN-PERSON
5.	JIM RIGGS	HILLMAN	703-910-0217	JRIGGS@HILLMAN.COM	IN-PERSON
6.	LARRY BRANTLEY	SUBSTITUTE TECHNOLOGIES	410-848-6219	LBRANTLEY@SUBTECH98.COM	IN-PERSON
7.	JOHN GERENY	SUBSTITUTE TECHNOLOGIES	410-848-6219	JGERENY@SUBTECH98.COM	IN-PERSON
8.	VINCENT WALKER	PRTC	703-859-4418	VWALKER@OMNIRIDE.COM	IN-PERSON
9.	MIKE MASSEY	IMEG	703-926-4993	MIKE.MASSEY@IMEGCORP.COM	IN-PERSON
10.	DORIS LOOKABILL	PRTC	703-580-6153	DLOOKABILL@OMNIRIDE.COM	IN-PERSON

Pre-Bid Sign-In Sheet

Solicitation No: IFB No. 025-001

PRTC Fuel Storage Tanks and Dispensers Replacement

Date: September 17, 2024 - Time: 11:00 AM

POTOMAC & RAPPAHANNOCK TRANSPORTATION COMMISSION

	Name	Company	Phone	Email	In-Person or via Zoom
11.	GARY WELLS	EASTERN SALES	410-977-9096	GARYWESE@AOL.COM	IN-PERSON
12.	TUCKER TRAVIS	IMEG	703-915-9511	TUCKERTRAVIS@IMEGCORP.COM	IN-PERSON
13.	CYNTHIA PORTER-JOHNSON	PRTC	703-580-6147	CPORTERJOHNSON@OMNIRIDE.COM	IN-PERSON
14.	LAWANA GLYMPH	PRTC	703-580-6158	LGLYMPH@OMNIRIDE.COM	IN-PERSON
15.	BRIAN DORSEY	JF PETROLEUM GROUP		BDORSEY@JFPETROGROUP.COM	ZOOM
16.	JERRY O'CONNELL	JF PETROLEUM GROUP		JOCONNELL@JFPETROGROUP.COM	ZOOM
17.					
18.					
19.					
20.					

OMNIRIDE
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IFB No. 025-001
PRTC Fuel Storage Tanks and Dispensers Replacement
Pre-Bid Meeting
September 17, 2024

AGENDA

- Introductions
- About PRTC/OmniRide
- Background/Purpose of Project
- Discussion of Scope of Work/Site Plans & Drawings
- IFB Requirements and Forms
- Timeline
- Questions & Answers

INTRODUCTIONS

PRTC/OmniRide/IMEG

LaWana Glymph, Contract Specialist
Cynthia Johnson, Mgr. of Grants and Procurement
Vince Walker, Transit Center Facility Manager
Doris Lookabill, Director of Facilities

Mike Massey, II, IMEG
Tucker Travis , IMEG

ABOUT PRTC/OMNIRIDE

PRTC/OmniRide:

- Multi-jurisdictional public transit agency
- Locations in Woodbridge & Manassas VA

Family of mobility services to meet community travel needs:

- Commuter, Metro Express, Local and Para-transit bus services
- MicroTransit
- Vanpool Alliance
- Rideshare and TDM programs
- Employer Services program

BACKGROUND/PURPOSE

Fuel Island @ PRTC Transit Center

BACKGROUND/PURPOSE

Fuel Island @ PRTC Transit Center

Fuel storage tanks, dispensers, and all related equipment, piping, connections, etc. were installed during construction of Transit Center in 1997, approximately 27 years ago and are being replaced.

BACKGROUND/PURPOSE

Fuel Island @ PRTC Transit Center

BACKGROUND/PURPOSE

Underground Storage Tanks (UST)

- Underground storage tanks (UST)
  - Two (2) 15,000-gallon diesel storage tanks
  - One (1) 6,000-gallon unleaded gasoline storage tank

BACKGROUND/PURPOSE

Fuel Dispensers

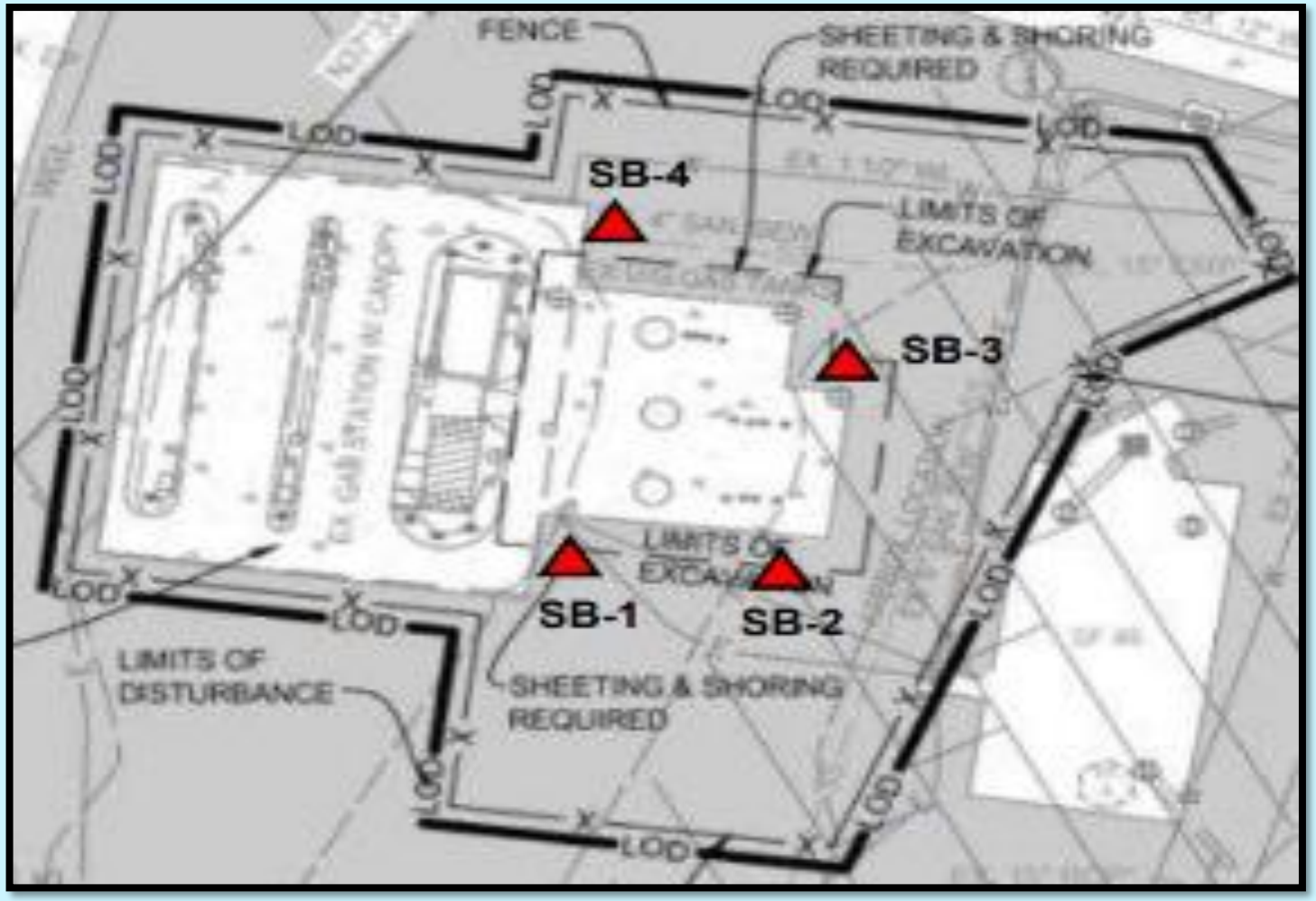
- Fuel Dispensers
  - Two (2) diesel fuel dispensers
  - One (1) unleaded gasoline dispenser

- One (1) free-standing diesel exhaust fluid (DEF) storage tank to be replaced with underground storage tank

BACKGROUND INFORMATION

Location of Boring Sites

- Soil Samples from Four (4) Boring Sites



BACKGROUND INFORMATION

Four (4) Boring Sites

- Analyzed for:
  - Total petroleum hydrocarbons – diesel range organics (TPH-DRO) via EPA Method 8015
  - Total petroleum hydrocarbons – gasoline range organics (TPH-GRO) via EPA Method 8015
  - Volatile organic compounds (VOCs) via EPA Method 8260
- Confirmed petroleum release reported to Commonwealth of Virginia Department of Environmental Quality (DEQ)

BACKGROUND INFORMATION

Liquid Level Gauging

- At the request of DEQ, liquid levels are gauged and recorded monthly by Hillmann Consultants
- In conjunction with liquid level gauging, Hillmann Consulting is using a dedicated reusable bailer to manually recover petroleum product
  - Stored in an on-site 55-gallon drum to await off-site disposal
- Petroleum-impacted soil and/or water to be disposed of in accordance with current regulations

SCOPE OF WORK

PRTC Bus Yard & Operations

- Bus operations to be minimally impacted
- Contractor to provide an on-site 10,000-gallon temporary diesel fuel tank with fueling equipment for the duration of the project
- Security access will be provided to Contractor; safety vests must be worn at all times when on-site

IFB REQUIREMENTS AND FORMS

Failure to provide all the required certifications and documents listed and described in the Invitation for Bids (IFB) may cause the bid to be rejected and be considered non-responsive.

- Price Schedule – Attachment B
- Reference Form – Attachment C
- IFB Submission Form – Attachment D
- Insurance Checklist – Attachment E
- Bid Bond Form – Attachment F
- Addendum(s)

TIMELINE

Sept. 17	**In-Person/Virtual Pre-bid Meeting 11:00 AM** **Site Visit of Fuel Tank Island**
Sept. 24	**Final Questions Due 5:00 PM (No Exceptions)**
Oct. 1	**PRTC Response to Questions**
Oct. 15	**BIDS DUE (BID OPENING at 2:00 PM)**
Nov. 7	**Recommend Award to PRTC Board**

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Need to Schedule Site Visit of PRTC Fuel Island?

Contact:

Vince Walker, Transit Center Facility Manager

vwalker@omniride.com

703-859-4418

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Questions?

LaWana Glymph
Contract Specialist
lglymph@omniride.com
703-580-6158

Cynthia Porter Johnson
Mgr. of Grants & Procurement
cporter-johnson@omniride.com
703-580-6147

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
1. Are there any technical specifications for the temporary tank or fuel management criteria?	September 17, 2024/ Pre-Bid Meeting	Contractor will be responsible for the technical specifications and permitting of the temporary tank. There are no fuel management criteria.
2. What is the approximate number of buses at this location and how often do the buses fuel/refuel?	September 17, 2024/ Pre-Bid Meeting	There are approximately 78 buses at this location and each bus has to be fueled once per day.
3. What are the hours that work can be done? What are peak time hours?	September 17, 2024/ Pre-Bid Meeting	In Section III.3 (A) of the Scope of Work, it states work is to be performed between 7:00 am and 6:00 pm Monday – Friday. The morning peak time for bus operations is 5:00-6:30am and the afternoon peak time is 1:30-3:00pm.
4. Are there any technical specifications for the D.E.F. tank going underground and are permits needed for this project?	September 17, 2024/ Pre-Bid Meeting	The size of the D.E.F. tank is 800 gallons. The Contractor is responsible to work with the manufacturer on specifications and for getting the proper permits.
5. Is the canopy at the fuel island part of the demolition?	September 17, 2024/ Pre-Bid Meeting	No, the fuel canopy is to remain.
6. Is the bid opening going to be virtual as well as in-person?	September 17, 2024/ Pre-Bid Meeting	Yes, the bid opening will be held virtual via Zoom (Meeting ID: 835 3511 0254 Passcode: 475763) as well as in-person at the PRTC Transit Center on 10/15/2024 at 2:00pm.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
7. When will the project begin?	September 17, 2024/ Pre-Bid Meeting	The project will begin after the PRTC Board has approved the recommended contract award on Thursday, Nov. 7, 2024 @ 7pm; the Contract is fully executed and the Notice to Proceed has been provided to the successful bidder.
8. Is there any description or criteria for replacing fill-in dirt?	September 17, 2024/ Pre-Bid Meeting	Yes, please see Technical Specification Section 312000 Earth Moving.
9. Can subcontractors have site visits?	September 17, 2024/ Pre-Bid Meeting	Yes, site visits can be arranged by contacting Vince Walker, Facility Manager at 703-859-4418.
10. Should there be a row on the pricing schedule for handling contaminated or non-contaminated soil?	September 17, 2024/ Pre-Bid Meeting	No, do not need an additional line item for handling non-contaminated soil. Per the soil test results, minimum 5' below tanks of contaminated soils removal is required.
11. Is a county permit required for this work?	September 23, 2024/Total Environmental Concepts	The Contractor is responsible for obtaining all necessary permits.
12. How many underground 15,000g Diesel tanks are required?	September 23, 2024/Total Environmental Concepts	This project will replace the existing underground fuel storage tanks, two (2) 15,000-gallon diesel storage tanks and one (1) 6,000-gallon unleaded gasoline storage tank.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
13. Page C300 shows the proposed new location of the DEF tank, Is it your intent to have the DEF tank put underground in the existing location of the DEF tank? Or, is this to be installed in the same excavation as the other USTs?	September 23, 2024/Total Environmental Concepts	The DEF tank shall be installed in the same excavation as the other USTs.
14. Nothing is stated concerning the dispensing of the DEF, what type of dispensers, pumps, and piping do you want?	September 23, 2024/Total Environmental Concepts	The Contractor is to work with manufacturer to provide specifications for the DEF dispensers similar to what is shown on Sheet C202.
15. Besides the 10,000 capacity are there any other requirements regarding the temporary fueling facility? We assume this is just for diesel fuel, please confirm.	September 23, 2024/Total Environmental Concepts	The 10,000-gallon temporary fuel tank shall be for diesel fuel only.
16. Is it okay for more than 1 tank to be provided to reach the 10,000g capacity?	September 23, 2024/Total Environmental Concepts	Yes, it is okay to provide more than one (1) temporary tank if it fits into the original footprint that has been provided for the temporary tank. However, this decision will need to be coordinated with PRTC Facility staff and IMEG.
17. Are there any plans to address the structurally compromised island Form?	September 23, 2024/Total Environmental Concepts	Yes, please see revised Sheet C400.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
18. The Fuel Island Floor Plan detail on the existing conditions Sheet C801 shows stage II vapor recovery which is no longer required. Please confirm the new system does not require stage II vapor recovery.	September 23, 2024/Total Environmental Concepts	The system needs to be designed by the manufacturer per current regulations. If vapor recovery is no longer required per current regulations, then it does not need to be provided.
19. Can the existing hold-down slabs be reused? If not, are manufacturer-furnished concrete deadmen anchors acceptable?	September 23, 2024/Total Environmental Concepts	No, the slabs will need to be replaced due to excavation of contaminants. Manufacturer furnished concrete deadmen anchors are acceptable.
20. Page C801 detail 2, Fuel Island Section, indicates installation of galvanized steel under dispenser containment (UDC) sump. Current state regulations require double wall piping systems including containment sumps to be constructed of noncorrosive material. Direct burial of steel is not allowed whether galvanized or not. UDC sumps must be constructed of plastic or fiberglass.	September 23, 2024/Total Environmental Concepts	System needs to be designed by the manufacturer per current regulations.
21. It is assumed all power feeds will be from the panel in the kiosk at the fuel island area. New conduits will be provided from the existing trough to pumps, dispensers, and ATG, and new conductors will be provided all the way back to the electrical distribution panel in the kiosk. It is assumed there is sufficient power for all new components and that existing breakers will be reused. Please confirm this electrical scope or provide clarifications as needed.	September 23, 2024/Total Environmental Concepts	Yes, all power feeds will be from the panel in the kiosk at the fuel island area. The electrical scope outline is confirmed.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
22. Drawing C400 outlines "limits of disturbance" and a temporary fence. Is there any requirement for traffic protection such as jersey barriers for this area?	September 24, 2024/Tanks Direct	No additional traffic protection is required other than the temporary fencing.
23. Drawing C400 outlines the shoring perimeter to be the same as the "Limits of Excavation". Since boring samples show evidence of fuel contamination, it was mentioned that "over excavation" will be required to satisfy DEQ inspections, directions, remediation, etc. In order to estimate the proper excavation depth for the shoring, how much "over excavation" beyond the bottom of the existing USTs will be required? We will need to design shoring to accommodate the proper anticipated excavation depth.	September 24, 2024/Tanks Direct	The limits of over excavation shall be determined by the location of the perimeter shoring as the horizontal limits and the vertically limit being 5' below subgrade. Any additional excavation will be compensated based on the quantity in cubic yards of additional excavation at the unit cost provided with the pricing schedule.
24. Since boring samples show evidence of fuel contamination, all ground water will most likely be pumped and stored in a temporary Frak tank before getting approval for discharging or disposal. Which line item on the bid schedule?	September 24, 2024/Tanks Direct	An additional line item has been included on the Pricing Schedule for this item.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
25. Drawing C400 outlines the shoring perimeter to be the same as the "Limits of Excavation". The shoring footprint includes an area under the shadow of the overhead canopy. Shoring will require straight vertical clearance beyond the height of the canopy to install shoring Sheets at this location. Can we shift the limits of excavation away from the canopy as necessary to install the shoring Sheets?	September 24, 2024/Tanks Direct	Yes. sheeting and shoring can be shifted to avoid the canopy.
26. Drawing C801shows (3) existing "Bottom Ballast Slabs" underneath existing USTs. Since DEQ will require "over excavation", are we to assume that these existing anchor slabs will be demolished and removed as part of the base bid?	September 24, 2024/Tanks Direct	Yes, the anchor slabs will be demolished and should be included in the bid.
27. Since boring samples show evidence of fuel contamination, all ground water will most likely be pumped and stored in a temporary Frak tank before achieving approval for discharging or disposal. Which line item on the bid schedule should encompass the costs for temporary storage, testing, permitting, filtration, disposal or discharge for the stored groundwater?	September 24, 2024/Tanks Direct	Temporary storage, testing, permitting, filtration and discharge shall all be included on line items #11 and #12 of the Pricing Schedule.
28. Since quantities of contaminated water disposal is not known currently, is there an anticipated base line quantity allowance for contaminated water disposal?	September 24, 2024/Tanks Direct	The base quantity of contaminated water disposal is 18,000 gallons.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
29. Since quantities of contaminated soils is not known currently, is there an anticipated base line quantity allowance for contaminated soil disposal?	September 24, 2024/Tanks Direct	The limits of over excavation shall be determined by the location of the perimeter shoring as the horizontal limits and the vertically limit being 5' below subgrade. Any additional excavation will be compensated based on the quantity in cubic yards of additional excavation at the unit cost provided with the pricing schedule.
30. Which line item on the bid schedule should encompass the costs for the stockpiling, testing, and disposal of contaminated soils?	September 24, 2024/Tanks Direct	Stockpiling, testing, and disposal of contaminated soils shall all be included on line items #9 and #10 of the Pricing Schedule.
31. Drawing C801 shows the existing supply piping going from the USTs to the existing dispensers in a path directly underneath the existing kiosk. If there is an existing piping chase going from the tank excavation area to the dispenser areas, can we re-use the chase to install new flexible fuel supply piping?	September 24, 2024/Tanks Direct	No, the chase shall not be reused.
32. Drawing C801 shows the existing supply piping going from the USTs to the existing dispensers in a path directly underneath the existing kiosk. If we cannot remove the existing fuel piping in this area without excavating, are we to include disconnection and removal of the kiosk as part of our work?	September 24, 2024/Tanks Direct	If you cannot remove the existing fuel piping in this area without excavating and removal of the kiosk, the section of existing fuel supply piping buried directly below the kiosk shall be capped and abandoned.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
33. If there are sections of existing fuel supply piping buried directly below the kiosk, can we cap and abandon these sections of piping in place without disturbing the existing kiosk?	September 24, 2024/Tanks Direct	Yes, it is acceptable to cap and abandon the section of piping in place without disturbing the existing kiosk.
34. Drawing C400 identifies the approximate location of underground DEF tank. Are we installing the new DEF UST under the concrete island, or under the concrete fueling apron, or under the asphalt outside of the fueling area and outside of the shadow of the overhead canopy?	September 24, 2024/Tanks Direct	The DEF tank shall be installed in the same excavation as the other USTs. See revised Sheet C400.
35. Drawing C201 shows new USTs will be eight feet in diameter. The existing diesel USTs are ten feet in diameter according to the other drawings. Using the current orientation for installing the new eight-foot diameter diesel tanks would require the excavation area to be longer in length and outside the footprint of the proposed "limits of excavation". Are we to provide new eight-foot diameter or ten-foot diameter diesel USTs?	September 24, 2024/Tanks Direct	The new USTs shall be 10 feet diameter. Please see revised Sheet C201.
36. Drawing C400 gives direction to "replace all damaged concrete and asphalt paving and restripe back to original condition". Please confirm the existing concrete fueling apron located under the canopy is to remain, except for the demolition of the trenching areas as necessary to install the new supply piping and dispenser sumps.	September 24, 2024/Tanks Direct	The smaller islands are to be replaced. Curbing with stainless steel band to be replaced along larger island. Please see revised Sheet C400.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
37. Please confirm that the existing concrete Island will remain except for the demolition of the trenching areas as necessary to replace the diesel dispensers, dispenser sumps, and associated supply piping.	September 24, 2024/Tanks Direct	Smaller islands are to be replaced. Necessary trenching and curbing with stainless steel band to be replaced along larger island. Please see revised Sheet C400.
38. In the process of excavating and replacing the dispenser sumps and piping, are we to replace any portion of the metal island curbs forms (curbs)?	September 24, 2024/Tanks Direct	Yes, replace all metal island curbs.
39. Are we reusing any existing underground conduit chases or wiring circuits for re-connecting electric to the new dispensers?	September 24, 2024/Tanks Direct	No, none of the existing underground conduit chases or wiring circuits are to be reused and shall be replaced with new conduits and wiring.
40. Are the existing dispensers connected to any other fuel management system, other than the existing Veeder-Root TLS 350 Tank Monitor?	September 24, 2024/Tanks Direct	No
41.Are we reusing any existing underground conduit chases for connecting leak sensors to the new dispenser sumps?	September 24, 2024/Tanks Direct	No, none of the existing underground conduit chases or conduit chases for connecting leak sensors to the new dispenser sumps are to be reused and shall be replaced with new conduits.
42. Are we reusing any existing underground conduit chases or wiring circuits for re-connecting electric to the new submersible pumps?	September 24, 2024/Tanks Direct	No, replace all conduits and wiring with new conduits and wiring.
43. Are we re-using the existing submersible pump motor starters currently located in the existing kiosk?	September 24, 2024/Tanks Direct	No, replace submersible pump motor starters with new submersible pump motor starters.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
44. Are we installing the new Veeder-Root TLS-450 in the same location as the old Veeder-Root TLS-350?	September 24, 2024/Tanks Direct	New Vedeer-Root TLS-450 shall be installed per the technical specifications on Sheet C201.
45. Are we reusing any existing underground conduit chases for connecting new UST leak sensors and probes to the new Veeder-Root TLS-450 Panel?	September 24, 2024/Tanks Direct	No, conduit chases for connecting new UST leak sensors and probes to the new Veeder-Root TLS-450 Panel shall be replaced with new conduit.
46. Is there an existing remote alarm connected to the existing Veeder-Root TLS-350?	September 24, 2024/Tanks Direct	No.
47. Are we replacing and/or installing a new Veeder-Root remote alarm for the new Veeder-Root TLS-450?	September 24, 2024/Tanks Direct	Yes, the new Vedeer-Root TLS-450 with new remote alarm shall be installed as shown on Sheet C201.
48. Does the temporary aboveground fuel tank need to be a UL2085 fire rated AST?	September 24, 2024/Tanks Direct	Contractor shall be responsible for what is required for permitting.
49. Is there a specification or specific dispensing equipment requirements for the temporary AST?	September 24, 2024/Tanks Direct	Contractor shall be responsible what is required for permitting.
50. With regards to the temporary diesel tank dispenser pump, where will power originate and who will be installing power wiring and conduit?	September 24, 2024/Tanks Direct	Contractor shall be responsible for coordinating and running power to dispenser pump.

IFB No. 025-001 - PRTC Fuel Storage Tanks and Dispensers Replacement
PRTC Response to Prospective Bidders' Questions and Requests for Clarifications
October 1, 2024

Question/Clarification	Date Submitted/ Prospective Bidder	Response
51. Does the temporary AST require traffic protection such as bollards or jersey barriers?	September 24, 2024/Tanks Direct	Yes. Jersey barriers shall be installed to protect the temporary AST as shown on Sheet C400.
52. What is the engineer's or owner's budget for this project?	September 24, 2024/Tanks Direct	The budget for this project will not be provided.
53. Is this project wage scale?	September 24, 2024/Tanks Direct	No, prevailing wages are not incorporated in this project.
54. Are there any MBE requirements for this project?	September 24, 2024/Tanks Direct	There are no MBE requirements for this project.
55. What is the scope of work related to Item 9 of the bid schedule?	September 24, 2024/Tanks Direct	The description of undercut and replacement has been added to revised Pricing Schedule.

III. SCOPE OF WORK

III.1 Purpose

A. The Potomac and Rappahannock Transportation Commission (PRTC) seeks to replace the existing underground fuel storage tanks, fuel dispensers, and fuel management system at the fuel island in the Bus Yard located at the PRTC Transit Center, 14700 Potomac Mills Road, Woodbridge, Virginia 22192.

III.2 Background/Overview

A. The existing three (3) underground fuel storage tanks (UST), dispensing equipment, and all related piping, connections, etc. were installed during the original construction of the PRTC Transit Center in 1997. The USTs consist of two (2) 15,000-gallon diesel tanks and one (1) 6,000-gallon unleaded gasoline tank that are nearing the end of ~~its~~ their useful life and are being replaced. The existing above ground diesel exhaust fluid tank shall be replaced with an underground tank.

B. To assist with the fuel storage tanks and dispenser replacement, PRTC contracted with the engineering firm, IMEG, to develop the Fuel Tank Replacement Plan (**Attachment A-4**) and to provide construction administration services. IMEG shall not be responsible for construction, means, methods, techniques, or procedures utilized by the Contractor, nor safety of public or Contractor's employees or the failure of the Contractor to carry out the work in accordance with the contract documents and standard construction practices.

C. PRTC also contracted with Hillmann Consulting to provide a limited subsurface investigation, using up to four (4) borings around the perimeter of the UST field. A copy of the Limited Subsurface Investigation Report is provided as **Attachment A-1**. Preliminary soil sampling found a confirmed petroleum release is present. The petroleum release has been reported to the Commonwealth of Virginia Department of Environmental Quality (DEQ), which will require special handling/disposal of petroleum-impacted soil and groundwater.

D. Hillmann Consulting is gauging and recording liquid levels from the tank field observation wells on a monthly basis. Recent well gauging data indicated an increase in product thickness. In conjunction with the monthly well gauging events, Hillmann Consulting is using a dedicated reusable bailer to manually recover petroleum product from the on-site observation wells. The recovered petroleum product/groundwater is stored on site in a 55-gallon drum to await off-site disposal at a later date which will be the responsibility of the selected contractor. The liquid levels and estimated quantities of product/total fluids recovered from the observation wells are reported to DEQ monthly. The monthly product recover events began in late July/early August 2024 and is expected to end in February 2025.

E. In addition, a 10,000-gallon temporary fuel tank with fueling equipment shall be provided on site on the east side of the site as shown on the Fuel Tank Replacement Plan (**Attachment A-4, Sheet C400**) that shall be utilized as part of the PRTC Bus Operations throughout the construction process.

F. Petroleum-impacted soil will be encountered during excavation in the tank field and the soil will require proper transportation and disposal at an approved facility that accepts petroleum-impacted soil.

G. Additionally, any dewatering of the tank field prior to or during excavation activities will require pre-treatment of petroleum-impacted groundwater prior to discharge, or proper off-site disposal of petroleum-impacted groundwater.

H. A staging area has been provided at the Gravel lot located at the intersection of Telegraph Road and Potomac Mills Road (14775 Telegraph Road, Woodbridge, VA. 22192) as shown on the Fuel Tank Replacement Plan (Attachment A-4, Sheet C701).

III.3 General Requirements

A. All work shall be performed during the hours of 7:00am – 6:00pm Monday through Friday. Any work performed outside of this period must be pre-approved by PRTC. A project timeline is required with material lead-times indicated.

B. All construction shall be in accordance with Prince William County's standards and the latest edition of the Virginia Department of Transportation Road and Bridge Standards.

C. All communication between the Contractor and IMEG shall be through formal channels. Any questions or submittals are to be presented as a written request for information, shop drawing, or submittal package.

D. All required shop drawings are to be submitted to IMEG for review and approval 30 days prior to installation and shall be signed and sealed by a registered professional engineer licensed and experienced in the Commonwealth of Virginia.

E. All fill, base and subbase material shall be compacted to a minimum of 95% of theoretical maximum density as determined by A.A.S.H.T.O. T-99 method a within plus or minus 2% of optimum moisture as specified by the geotechnical report.

F. This Project requires access to the Bus Yard. The Contractor shall provide traffic control safety measures as required when the Contractor impacts vehicle traffic. In no way shall the Contractor impede the movement of the buses around the Bus Yard, ingress or egress to the Bus Yard.

G. The waterline, electric, telephone, and cable tv (catv) underground utilities shown hereon are based on field markings by Utility Professionals, Inc. (UPI). The limits of the underground sand filters (designated by "sf#") and the underground stormwater

management facility shown hereon are approximate and are based on plans retrieved from Prince William County records and design plans prepared by IMEG. No certification has been made as to the locations of underground utilities such as, but not limited to electric, gas, telephone, CATV, water, sanitary and storm sewers. The storm sewer lines referenced to this note are approximate; physical, sub-surface verification will be necessary to confirm pipe size and material.

H. The temporary fuel tank shall be operational prior to the start of construction.

I. Safety vests or a suitable substitute will be worn at all times when Contractor or subcontractors are in any of the PRTC areas.

J. All work shall be done in a manner of workmanship that shall reflect full journeyman capabilities in the required trade and meet industry standards.

III.4 Contractor Responsibilities

A. The Contractor shall contact Miss Utility as required before digging.

B. The Contractor shall dig test pits as required following notification and marking of all existing utilities to verify the location and depth of existing utilities. Test pits are to be performed at least 30 days prior to start of construction. Any discrepancies are to be reported immediately to PRTC and IMEG. Redesign and approval by reviewing agencies shall be obtained, if required.

C. The Contractor is responsible for any damage to existing roads and utilities which occur as a result of project construction within or contiguous to existing right-of-way.

D. If the Contractor or others become aware of any discrepancies in unanticipated site conditions, any reasons for nonconformance with the design documents, or any proposed field revisions, prompt written notice thereof shall be given to IMEG.

E. The Contractor will install and maintain necessary erosion and sediment control measures to prevent sediment from leaving the site.

F. The Contractor will be responsible for all material, supplies, supervision, equipment, labor, and testing needed to complete the Project as well as transportation needed.

G. The Contractor will also be responsible for the removal of all trash, materials and/or debris generated on a daily basis. Work must be limited to within the area of disturbance indicated on the Fuel Tank Replacement Plan drawings by IMEG. Discarded material will be disposed of pursuant to any applicable EPA regulations.

H. The Contractor shall be responsible for the removal of contaminated soil and shall include in the base bid the cost to remove any contaminated soil 5 feet below the bottom of the tank field.

I. The Contractor shall be responsible for the removal of contaminated water shall include in the base bid the cost to remove 18,000 gallons.

J. The Contractor shall be responsible for the removal of the existing concrete anchor slab.

K. The Contractor shall be responsible for coordinating and providing the necessary electric to the permanent and temporary tanks.

L. The Contractor shall work with the manufacturer to provide specifications for the DEF dispensers.

M. The Contractor shall be responsible for the removal and replacement of the two fueling islands and repairing the perimeter of the Kiosk island with concrete and stainless steel metal.

N. The Contractor shall be responsible for replacing all conduits and wiring associated with the Tank and Dispensers with new conduit and wiring.

O. The Contractor shall be responsible for installing new Vendeer-Root TLS-450.

P. The Contractor shall be responsible for installing new submersible pump motor starters.

Q. The Contractor shall be responsible for providing jersey wall barrier protection around the temporary fuel tank.

~~H.~~R. The Contractor shall take all necessary precautions to protect existing site features which are to remain. Any damage incurred due to the Contractor's or any subcontractor's actions shall be repaired immediately at the Contractor's expense.

~~I.~~S. All utilities, including all poles, which are to be relocated, shall be at the Contractor expense prior to construction. Contractor to contact applicable utilities at least 60 days prior to needing facility relocated.

~~J.~~T. The Contractor is responsible for securing all required permits prior to construction.

~~K.~~U. The Contractor is responsible for arranging all necessary inspections.

~~L.~~V. The Contractor is responsible for maintaining a safe construction site and complying with all OSHA, DEQ/State and local regulations.

~~M.~~W. The Contractor shall be responsible for making a smooth transition to existing curbs and sidewalks, if applicable to insure positive drainage.

~~N.~~X. The Contractor must ensure that positive drainage occurs on site to prevent ponding or drainage problems on adjacent properties.

~~O.~~Y. During rough grading of the site, the Contractor will immediately notify the geotechnical engineer if ground water seepage/springs are identified.

~~P.~~Z. The Contractor will comply with PRTC safety regulations. Work is to be completed in a safe and professional manner.

~~Q.~~AA. The Contractor is to restore pavement grades back to the original conditions.

~~R.~~BB. The Contractor is to restore all pavement striping back to its original condition.

~~S.~~CC. The Contractor shall be responsible for coordinating construction activities with the PRTC Facility Director and Facility Manager during construction so as to minimize disruption of daily activities outside of the limits of construction. This shall include the export and import of excavation and fill, material deliveries, asphalt paving, striping and all other activities associated with the scope of this project.

~~T.~~DD. The Contractor is responsible for returning the Gravel lot located at the intersection of Telegraph Road and Potomac Mills Road (14775 Telegraph Road, Woodbridge, VA. 22192) used for staging to the original conditions promptly once the project has been completed.

NEW WORLD. NEW STANDARD.

ITEM# 23

TLS-450

AUTOMATED COMPLIANCE AND SITE MANAGEMENT

At Veeder-Root, we've delivered over 100,000 times worldwide. With our new TLS-450 Platform, the same promises apply, along with new benefits that will keep your stations ready and help you adapt to changing regulations and business environments.

WELCOME TO THE NEW WORLD

The TLS-450 is the new standard in tank monitoring systems. The TLS-450 offers retail and commercial petroleum site owners automated compliance and site management so they are always inspector-ready, they always know their business status, and they are always in control of their fueling operations.

PROVE COMPLIANCE

Always inspector-ready. Meet all requirements.

- Provides one-touch inspector-ready compliance reporting.
- Automatically stores and organizes compliance data for up to three years.
- Allows access to compliance data via web browser on a PC.

STAY IN COMPLIANCE

Always know your compliance status. Take instant action.

- Provides automatic compliance update status via email.
- Customized alarms and built-in help menu ensure fast appropriate site action.
- Allows easy local or remote upgrades for future compliance requirements.

IMPROVE SITE MANAGEMENT

Always control your inventory. Eliminate service costs.

- Provides inventory and delivery data via email or by a web browser on a PC.
- Custom alarms, remote diagnostics, & easy annual tests avoid unnecessary service calls.

TLS-450 FEATURES

The TLS-450 offers a variety of features for access, control, data storage, and business management. The base TLS-450 Console comes complete with the following communications features:

Total Access

Wherever you are, you can access or monitor your sites via web browser on your PC. Using the TLS-450 Direct Access™ software, you can securely control and modify configurations and diagnostics.

Total Control

Customize multi-level password access, alarms, email notifications, reports, built-in Help and dashboard views to make sure all sites are under control.

Extended Storage

Back up your reports, alarms, compliance, inventory and delivery data for up to three years on a Veeder-Root thumb-drive using the USB connection. The TLS-450 can also back up your setup settings.

SYSTEM CAPABILITIES

- Comprehensive compliance reports
- Up to three years of data history
- Inventory and delivery monitoring and reporting
- Supports up to 32 probes
- Interstitial/sump monitoring capabilities
- Dispenser sump monitoring capability

- Vapor well monitoring capability
- Groundwater monitoring capability
- Audible and visual alarm capabilities
- Customizable alarms
- Email notification and reporting
- Fax notification and reporting
- Continuous Statistical Leak Detection software - 0.2 GPH for both single and manifolded tanks
- 3.0 GPH, 0.1 GPH and 0.2 GPH in tank leak detection
- 3.0 GPH, 0.1 GPH and 0.2 GPH line leak detection capabilities
- Sensor status report
- Sensor status history report
- 7.4" full VGA LCD touch screen
- High resolution, high speed printer
- Universal compartments support universal sensor and probe module, and input output interface module
- Built-in relay for overfill alarm
- Supports multiple languages
- Intuitive and user-friendly interface
- Single touch access to most functions
- Customizable on-board Help
- Custom dashboard
- Remote web access
- TLS-450 Direct Access™ software
- Up to nine communication ports
- Internal auto-dial fax modem communications SiteFax™
- Ethernet communications
- RS-232 data communications
- RS-485 data communications
- USB ports for software upgrade and data back up

VEEDER-ROOT

FUTURE READY PAST PROVEN™

NEW WORLD. NEW STANDARD.

ITEM# 23

TLS-450

RELIABILITY. QUALITY. INNOVATION. SERVICE.

STANDARD MODEL TLS-450 CONSOLE COMES COMPLETE WITH:

- TLS-450 console with 80 column high speed thermal printer and 7.4" full VGA LCD touch screen. Supports up to 64 sensors (up to 32 of one sensor type)
- Total Access USB/ethernet dual interface module and Direct Access software.
- Total Control software
- RS-232 dual interface module
- One built-in relay
- Three-years of data storage

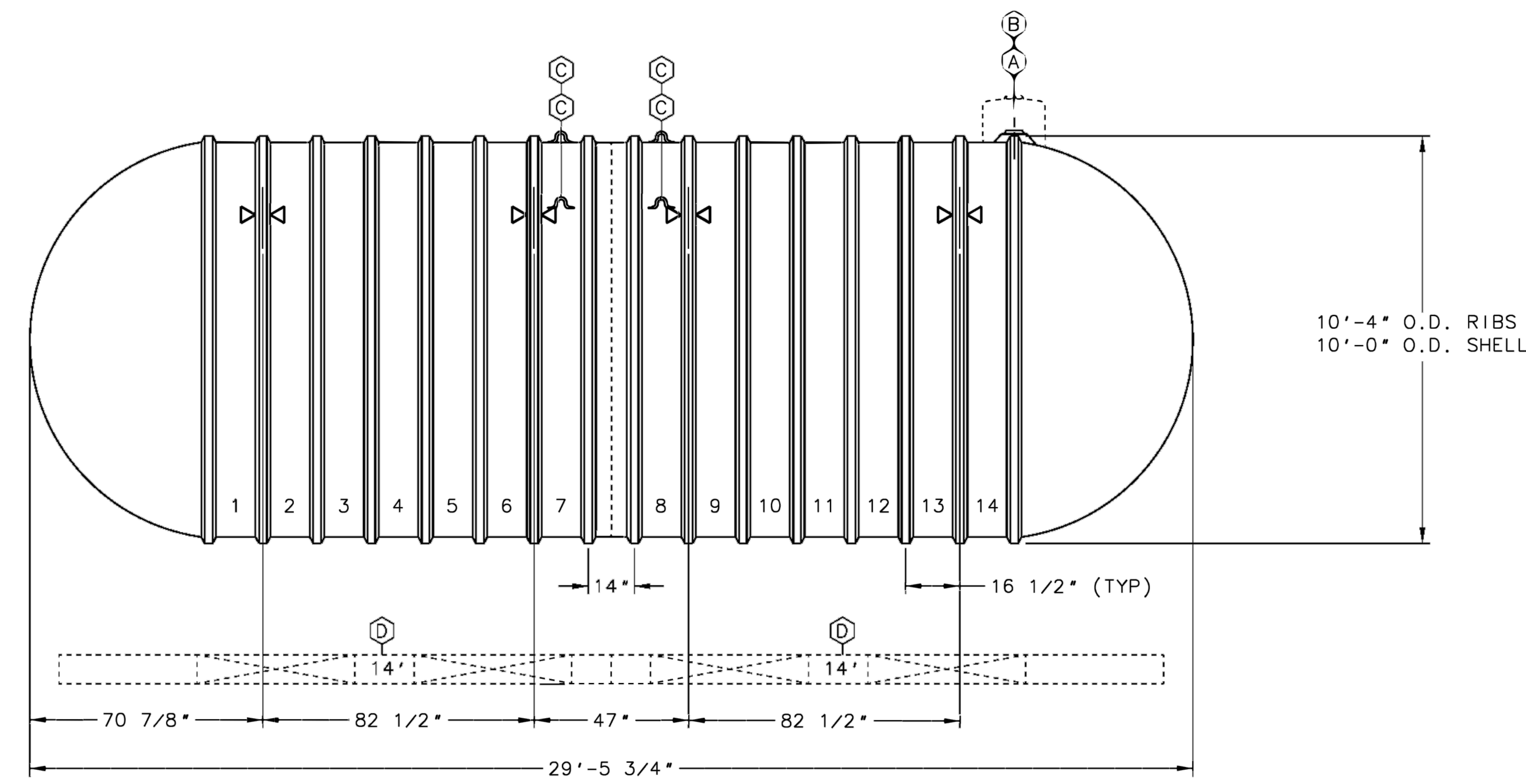
TLS-450 WITH INTERFACE MODULES:

- TLS-450 contains four compartments in which the universal sensor/probe or input/output interface modules can be installed interchangeably. One module per compartment.

DESCRIPTION	FUNCTION
LOW-POWER/HIGH-POWER COMPARTMENTS (limit four modules per console)	
Universal sensor/probe interface module	16 input module supports probes and sensors
Universal input/output interface module	Five dry contact output relays/four low voltage dry contact inputs/five high voltage inputs (<=240Vac). Supports PLLD and Pump Sense as well as standard functions
Built-in relay	Supports tank overfill alarm
COMMUNICATION COMPARTMENT (limit five modules per console)	
SiteFax™ interface module	Allows hookup to most remote facsimile or modem equipment
Ethernet interface module	Provides connectivity to local and wide area networks (LAN/WAN)
USB interface module	Supports Veeder-Root USB thumb drive
USB/ethernet dual interface module	Provides connectivity to local and wide area networks (LAN/WAN)
RS-232 dual interface module	Provides two 9-Pin female D-Connectors for data transmission to P.O.S. terminal or computer
RS-232/RS-485 dual interface module	Provides a 9-Pin female D-Connector and an 8-position RJ45 D-Connector for data transmission to P.O.S. terminal or computer
Single RS-232 interface module	Provides a 9-Pin female D-Connector for data transmission to P.O.S. terminal or computer
SPECIFICATIONS	
Operating temperature range	32°F to 104°F (0°C to 40°C)
Storage temperature range	14°F to 158°F (-10°C to 70°C)

To learn more, contact us at 1-888-561-7942, or visit www.veeder.com to register for product updates.

VEEDER-ROOT



ITEM	QTY	DESCRIPTION
A	1	4" NPT MONITOR FITTING
B	1	OPTIONAL 18" DIA. HYDROSTATIC MONITORING RESERVOIR WITH 4" NPT FITTING
C	4	LIFTING LUG
D	4	OPTIONAL 14' PREFABRICATED CONCRETE DEADMAN
⋈	4	HOLD DOWN STRAP LOCATION

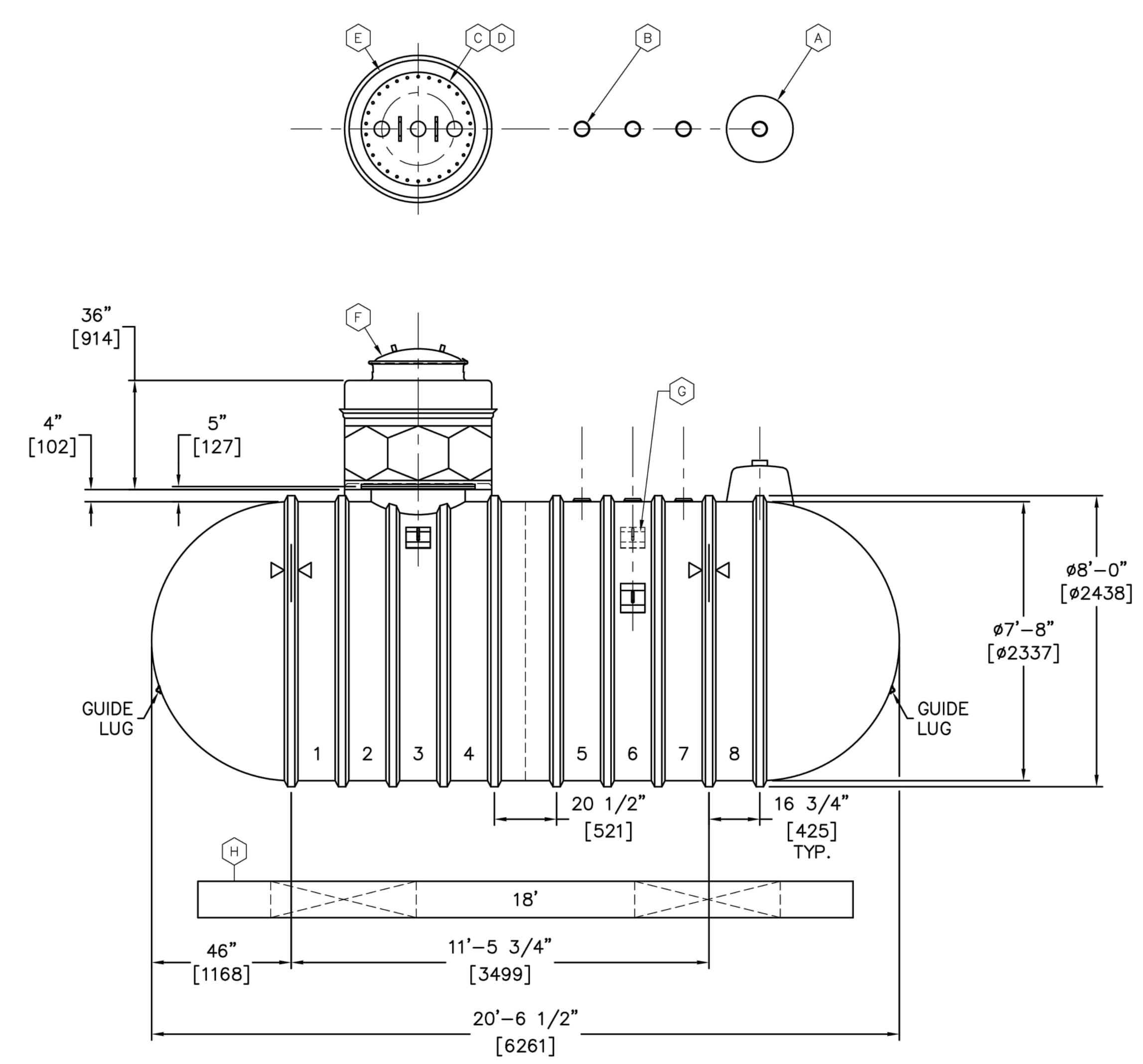
XERXES®

TITLE 10' DIA. DOUBLE-WALL CAP. 15,000 GALLONS MADE-TO-ORDER

DATE 8/23 DR. NO. S11-743.00

NOTES:

1. ALL DIMENSIONS SHOWN ARE IN FEET/INCHES [mm].
2. TANK INTERSTICE IS FACTORY BRINE FILLED.
3. ONLY MATERIALS THAT HAVE BEEN TESTED AND APPROVED BY XERXES SHOULD BE USED FOR BONDING OF CONTAINMENT SUMP COMPONENTS.
4. DRAWING EXPIRATION: DRAWING VALID FOR SIX (6) MONTHS FROM DATE OF LAST REVISION. XERXES RESERVES THE RIGHT TO REVIEW AND UPDATE.
5. NOMINAL TANK WEIGHT : 4,900 lbs. [2,300 kg.].



ITEM	QTY	DESCRIPTION	PART NO.
A	1	MONITOR RESERVOIR, 18"	C230003
B	3	FITTING, 4" H, 8' (WITH STRIKER PLATE)	C310101
C	1	MANWAY, 30" (WITH STRIKER PLATE)	C210004
D	1	MANWAY COVER, 30", 3–4" H, TYPE C & TWO HANDLES	C330067
E	1	COLLAR, SW, 48"	C220002
F	1	SUMP, SWFS, 48" X 36" w/ 30" WT LL TOP + URETHANE	C710094
G	3	LIFT LUG, ON BENT PLATE, 8" x 10", 8' (35" 35" 14")	C340009
H	2	18' PREFABRICATED CONCRETE DEADMEN KIT	–
▷◁	2	HOLD DOWN STRAP LOCATION	–

00	REVISION DESCRIPTION				
DRN –	DATE –	CHK'D –	DATE –	APPR'D –	DATE –

XERXES®

DRN DD DATE 11-06-23
CHK'D PWM DATE 11-06-23
APPR'D – DATE –
TITLE 8' DIA DW UL CAP. 6,000 GALLONS ADVANCED FUELING SYSTEMS
SALES MANAGER Rick Whately
DR. SIZE B DR. NUMBER XS–005155 REV 00
SCALE: N.T.S. SHT 1 OF 1
INDUSTRY TYPE: M101 Fuel Markets

IMEG
19 Culpeper St, Suite #2
Warrenton, VA 20186 P 703.273.6820
engineering • surveying • land planning

POTOMAC AND RAPPAHANNOCK TRANSPORTATION

FUEL TANK REPLACEMENT PLAN

14700, 14716, 14720 & 14730 POTOMAC MILLS ROAD & 14775 TELEGRAPH ROAD
NEABSCO MAGISTERIAL DISTRICT, PRINCE WILLIAM COUNTY, VIRGINIA

MARK	DATE	DESCRIPTION
1	10/01/24	ADDENDUM 1

PROJECT No.: 23006915.00
DRAWING No.: 112943
DATE: 11-14-2023
SCALE: AS NOTED
DESIGN: WRS
DRAWN: WRS
CHECKED: TWT

SHEET TITLE:

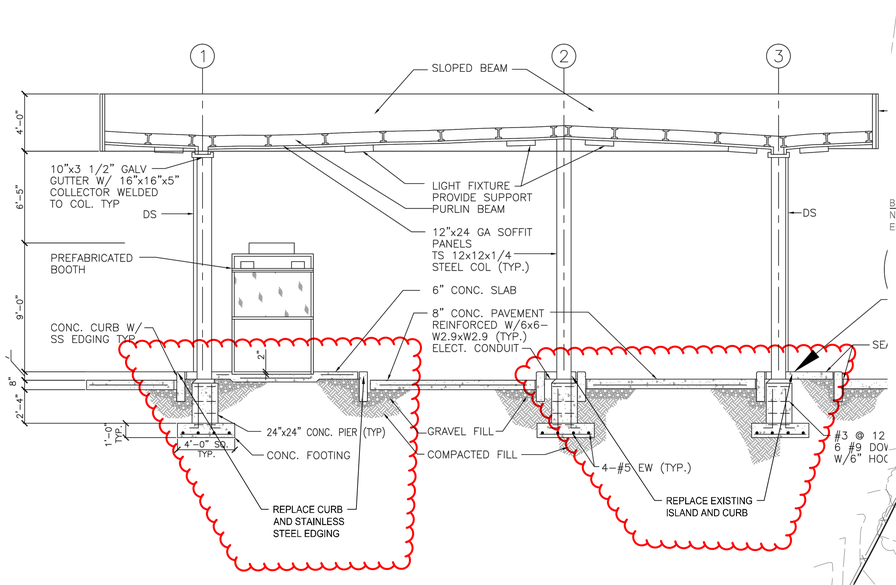
SITE DETAILS

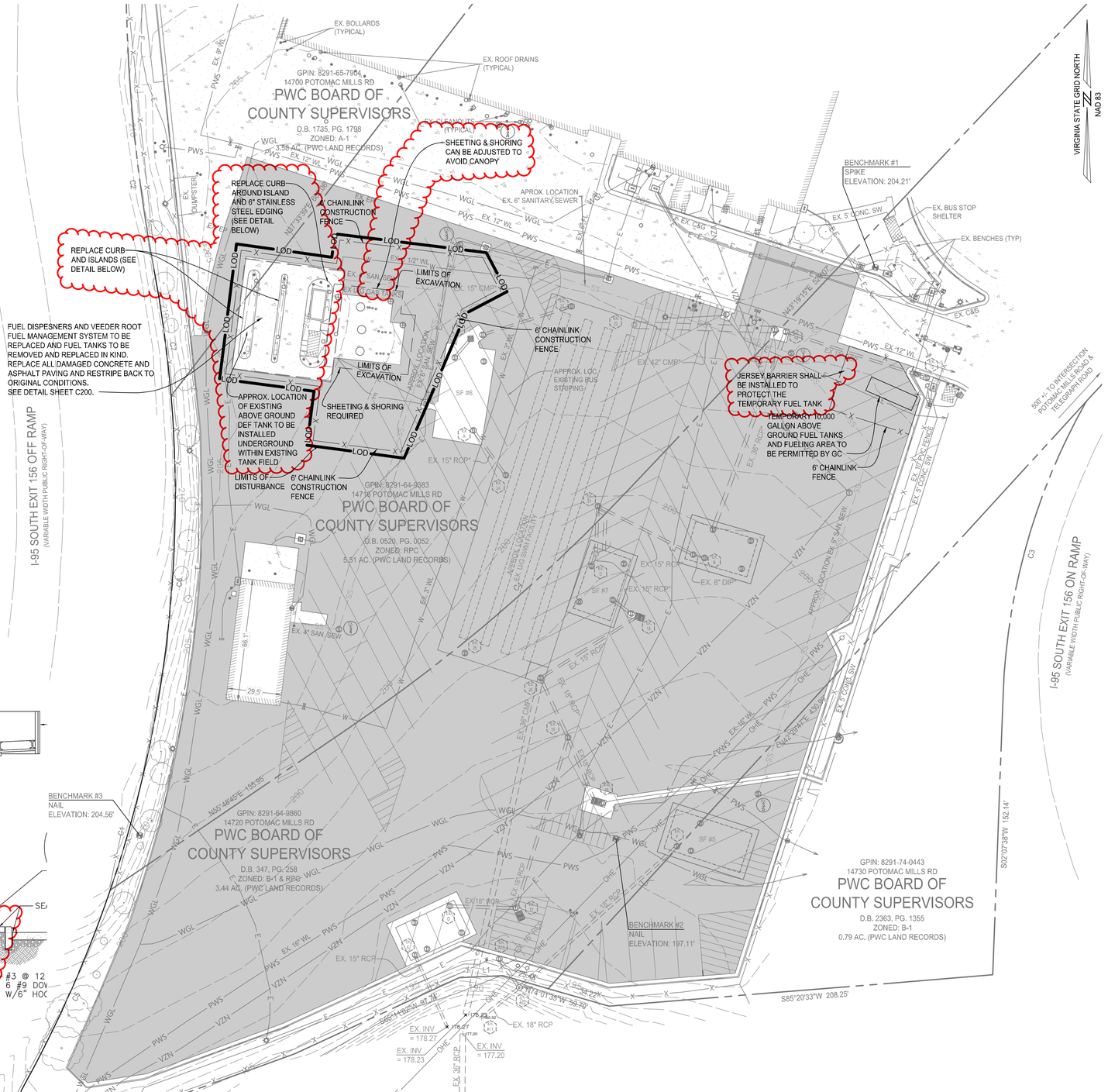
SHEET No.

C201

NOTES:

1. TEMPORARY FUEL TANK TO BE OPERATIONAL PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR TO RESTORE PAVEMENT GRADES BACK TO ORIGINAL CONDITIONS.
3. CONTRACTOR TO RESTORE PAVEMENT STRIPING TO ORIGINAL CONDITIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH PRTC STAFF DURING CONSTRUCTION SO AS TO MINIMIZE DISRUPTION OF DAILY ACTIVITIES OUTSIDE OF THE LIMITS OF CONSTRUCTION. THIS SHALL INCLUDE EXPORT AND IMPORT OF EXCAVATION AND FILL, MATERIAL DELIVERIES, ASPHALT PAVING, STRIPING AND ALL OTHER ACTIVITIES ASSOCIATED WITH THE SCOPE OF THIS PROJECT.





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FUEL TANK REPLACEMENT PLAN

14700, 14716, 14720 & 14730 POTOMAC MILLS ROAD & 14775 TELEGRAPH ROAD
NEABSCO MAGISTERIAL DISTRICT, PRINCE WILLIAM COUNTY, VIRGINIA

NO.	DESCRIPTION	DATE	BY
1	ADDENDUM 1	10/01/24	LAGR

PROJECT No.: 23006915.00
DRAWING No.: 112943
DATE: 11-14-2023
SCALE: 1" = 30'
DESIGN: WRS
DRAWN: WRS
CHECKED: TWT

SHEET TITLE:

PROPOSED CONSTRUCTION

SHEET No.

C400

P:\Projects\23006915.00\112943 - Site Plan\C-400 PROPOSED CONSTRUCTION.dwg, 9/27/2024 3:33:39 PM, Alex Apicella,

IFB No. 025-001

PRTC FUEL STORAGE TANKS AND FUEL DISPENSERS REPLACEMENT

NAME OF BIDDER OR CONTRACTOR:	SOLICITATION OR CONTRACT NUMBER:
Type Contractor Name Here	**IFB No. 025-001**

SCOPE OF WORK

The Contractor shall provide all manpower, materials, tools, supplies, and all equipment incidental to and necessary to perform replacement of the underground fuel tanks in accordance with the Scope of Work, Site Plans, contract provisions, drawings and technical specifications.

Item No.	Description	Estimated Qty*	Unit	Unit Price*	Price
1	Mobilization				$0.00
2	General conditions				$0.00
3	Utility protection				$0.00
4	Erosion & Sediment control				$0.00
5	Excavation				$0.00
6	Demolition and Material Haul off and disposal				$0.00
7	Removal of existing tank system				$0.00
8	Removal of the fuel dispensers and/or the Veeder Root system				$0.00
9	Five (5) foot undercut and replacment contaminated soil below bottom of existing tank field				$0.00
10	Additional undercut and replacment contaminated soil - Unit Price Only				$0.00
11	Contaminated water disposal - Base Line	18,000	Gallons		$0.00
12	Contaminated water disposal - Unit Price Only		Gallons		$0.00
13	Proposed Fuel Tanks Materials				$0.00
14	Proposed Fuel Tanks Installation				$0.00
15	Proposed fuel dispensers and/or the Veeder Root system Materials				$0.00
16	Proposed fuel dispensers and/or the Veeder Root System Installation				$0.00
17	Fill material and earthwork				$0.00
18	Temporary above ground fuel tank and fencing				$0.00
19	Subbase and concrete				$0.00
20	Subbase and asphalt				$0.00
	TOTAL PRICE				**$0.00**

Print Name of Authorized Official: _____

Signature of Authorized Official: _____

Title of Authorized Official: _____

Date: _____