



**City of Tampa**  
*Jane Castor, Mayor*

**Contract Administration**  
**Richard Mutterback, Director**

306 East Jackson Street, 4N  
Tampa, FL 33602

Office (813) 274-8116  
Fax: (813) 274-7368

**ADDENDUM 5**  
**Via E-Mail**  
**DATE: August 2, 2023**

Contract: 22-C-00046; Northwest Ground Storage Tank Improvements

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Replace Section 01025 with the attached Section 01025.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to [ContractAdministration@tampagov.net](mailto:ContractAdministration@tampagov.net).

*Jim Greiner*

Jim Greiner, P.E., Contract Management Supervisor

**SECTION 01025**  
**MEASUREMENT AND PAYMENT**

**PART 1 - GENERAL**

**1.01 DESCRIPTION**

- A. The total Bid Price shall cover all Work required by the Contract Documents. All costs in connection with the proper and successful completion of the Work, including furnishing all materials, equipment, supplies, and appurtenances; providing all construction equipment and tools; and performing all necessary labor and supervision to fully complete the Work, shall be included in the lump sum bid. All Work not specifically set forth as a pay item in the Bid Form shall be considered a subsidiary obligation of Contractor and all costs in connection therewith shall be included in the prices bid.
- B. The Contractor shall receive and accept the compensation provided in the Proposal and the Contract as full payment for furnishing all materials, labor, tools and equipment, for performing all operations necessary to complete the work under the Contract, and also in full payment for all loss or damages arising from the nature of the work, or from any discrepancy between the actual quantities of work and quantities herein estimated by the Engineer, or from the action of the elements of from any unforeseen difficulties which may be encountered during the prosecution of the work until the final acceptance by the Owner.
- C. The prices stated in the proposal include all costs and expenses for taxes, labor, equipment, materials, commissions, transportation charges and expenses, patent fees and royalties, labor for handling materials during inspection, together with any and all other costs and expenses for performing and completing the work as shown on the Drawings and specified herein.
- D. The Contractor's attention is again called to the fact that the quotations for the various items of work are intended to establish a total price for completing the work in its entirety. Should the Contractor feel that the cost for any item of work has not been established by the Bid Form or Payment Items, he shall include the cost for that work in some other applicable bid item, so that his proposal for the project does reflect his total price for completing the work in its entirety.

**1.02 PAYMENT**

- A. Payment will be made at the lump sum price for each of the items shown in the Bid Proposal, installed and accepted, which price and payment shall constitute full compensation for furnishing all materials and performing all Work in connection therewith and incidental thereto.

**1.03 TAXES AND PERMITS**

- A. The Bidder's attention is directed to the fact that the tax laws of the State of Florida, including but not limited to Chapter 212, Florida Statutes, apply to this bid matter and

that all applicable taxes and fees shall be deemed to have been included in Bidder's Proposal. The Contractor shall be responsible for all permits and permit fees necessary for construction, including those beyond what were previously obtained by the Owner.

#### 1.04 MEASUREMENT AND PAYMENT

##### A. The following are included the base bid:

##### 1. General Conditions (Bid Item No. 1):

- a. Basis of Measurement: The lump sum amount for this item shall be for furnishing all labor, materials and equipment necessary to complete the tasks associated with General Conditions in this Contract.
- b. Basis of Payment: The General Conditions shall be paid for at the contract lump sum price set out in the Proposal, which constitutes full compensation for all the work described herein.

##### 2. Mobilization/Demobilization (Bid Item No. 2):

- a. Basis of Measurement: The lump sum amount for this item shall include costs associated with preparatory work and operations necessary to begin the piping modifications and rehabilitation of the Northwest GST, including but not limited to, those operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site, pre-construction video and construction photography, safety equipment, first aid supplies, and all applicable federal, state, and local laws and regulations as required for the proper performance and completion of the work.
- b. Basis of Payment: The described items shall be paid for at the contract lump sum price set out in the Proposal, which constitutes full compensation for all the work described herein in accordance with the following schedule:

Percent of Original Contract Amount <u>Earned</u>	Allowable Percent of the Lump Sum <u>Price for mobilization</u>
5	25
10	50
25	75
50	100

##### 3. Permitting, Bonds, and Insurance (Bid Item No. 3)

- a. Basis of Measurement: The lump sum amount for this item shall be full compensation for furnishing all labor, materials, equipment, and services necessary to provide bonds, insurance, and permits for the work.

- b. Basis of Payment: The provision of permits, bonds, and insurance shall be paid for at the contract lump sum price set out in the Proposal, which constitutes full compensation for all the work described herein.
- 4. Investigation Beneath Tank Floor (Bid Item No. 4):
  - a. Basis of Measurement: The lump sum Bid Price for investigation beneath the tank floor shall be for furnishing all labor, materials and equipment necessary to investigate beneath the tank floors at the Northwest GST.
  - b. Basis of Payment: The pay item for investigation beneath the tank floor shall be paid for at the contract lump sum price set out in the Proposal, which price and payment constitutes full compensation for all the work described herein.
- 5. Repair Concrete Spalls at Base Interior of Wall (Bid Item No. 5):
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for repairing the concrete spalls at the base interior of the tank walls on the Northwest GST. The quantity of repaired concrete spalls shall be measured in square feet.
  - b. Basis of Payment: Payment will be for each square foot of concrete spall repaired, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of concrete spall repair at the base interior of the tank wall.
- 6. Repair Concrete Spalls on Interior Tank Dome (Bid Item No. 6):
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for repairing the concrete spalls on the interior tank domes on the Northwest GST. The quantity of repaired concrete spalls shall be measured in square feet.
  - b. Basis of Payment: Payment will be for each square foot of concrete spall repaired, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of concrete spall repair on the interior tank dome.
- 7. Repair Concrete Cracks on Interior Tank Dome (Bid Item No. 7):
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for repairing the concrete spalls on the exterior tank domes on the Northwest GST. The quantity of repaired concrete spalls shall be measured in linear feet.
  - b. Basis of Payment: Payment will be for each linear foot of repaired concrete spall, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of concrete spall repair on the exterior tank dome.
- 8. Repair Concrete Cracks on Exterior Tank Dome (Bid Item No. 8):
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for repairing the concrete cracks on the exterior

tank domes on the Northwest GST. The quantity of repaired concrete cracks shall be measured in linear feet.

- b. Basis of Payment: Payment will be for each linear foot of repaired concrete crack, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of concrete crack repair on the exterior tank dome.

9. Repair Concrete Spalls at Exterior of Tank Wall (Bid Item No. 9):

- a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for repairing the concrete spalls on the exterior of the tank walls at the Northwest GST. The quantity of repaired concrete spalls shall be measured in square feet.
- b. Basis of Payment: Payment will be for each square foot of concrete spall repaired, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of concrete spall repair on the exterior of the tank wall.

10. Repair Wall Manhole (Bid Item No. 10):

- a. Basis of Measurement: The lump sum Bid Price for repair of one (1) wall manhole Northwest GST and shall be for furnishing all labor, materials and equipment necessary.
- b. Basis of Payment: The pay item for the repair of one (1) wall manholes shall be paid for at the contract lump sum price set out in the Proposal, which price and payment constitutes full compensation for all the work described herein.

11. Repair Interior Tank Piping (Bid Item No. 11):

- a. Basis of Measurement: The lump sum Bid Price for the preparation and coating of the 12-inch DIP, 24" DIP Influent, 24" DIP effluent, 12" DI overflow pipe, three 1" pipes, and ½" pipe at Northwest GST and shall be for furnishing all labor, materials and equipment necessary to coat the DI.
- b. Basis of Payment: The pay item for the preparation and coating of the pipe shall be paid for at the contract lump sum price set out in the Proposal, which price and payment constitutes full compensation for all the work described herein.

12. Replace Hardware on Dome Access Hatch Curb (Bid Item No. 12):

- a. Basis of Measurement: The lump sum Bid Price for replacement of hardware on the dome access hatch curb on the Northwest GST shall be for furnishing all labor, materials and equipment necessary to replace the hardware.
- b. Basis of Payment: The pay item for replacement of hardware on the dome access hatch curb shall be paid for at the contract lump sum price set out in the Proposal, which price and payment constitutes full compensation for all the work described herein.

13. Repair Cracking on Dome Access Hatch Curb (Bid Item No. 13)
  - a. Basis of Measurement: The lump sum Bid Price to repair cracking on the dome access hatch curb on the Northwest GST shall be for furnishing all labor, materials and equipment necessary to repair the curb.
  - b. Basis of Payment: The pay item for to repair cracking on the dome access hatch curb shall be paid for at the contract lump sum price set out in the Proposal, which price and payment constitutes full compensation for all the work described herein.
14. Repair Cracking on Dome Center Vent Curb (Bid Item No. 14)
  - a. Basis of Measurement: The lump sum Bid Price to repair cracking on the dome center vent curb on the Northwest GST shall be for furnishing all labor, materials and equipment necessary to repair the curb.
  - b. Basis of Payment: The pay item for to repair cracking on the dome center vent curb shall be paid for at the contract lump sum price set out in the Proposal, which price and payment constitutes full compensation for all the work described herein.
15. Repair Concrete Spalls on Overflow Opening (Bid Item No. 15):
  - a. Basis of Measurement: The lump sum Bid Price for repair of the concrete spalls on the overflow vent on the Northwest GST shall be for furnishing all labor, materials and equipment necessary to make the repairs.
  - b. Basis of Payment: The pay item for the repair of the concrete spall screens on the overflow vent shall be paid for at the contract lump sum price set out in the Proposal, which price and payment constitutes full compensation for all the work described herein.
16. Disinfection and Testing (Bid Item No. 16):
  - a. Basis of Measurement: The lump sum Bid Price for yard piping and tank disinfection and testing shall be for furnishing all labor, materials and equipment necessary to disinfect the piping and tank at the completion of the rehabilitation, prior to placing the tanks and associated yard piping back into service.
  - b. Basis of Payment: The disinfection of the tanks and yard piping shall be paid for at the contract lump sum price set out in the Proposal, which constitutes full compensation for all the work described herein.
17. Prepare Tank Interior for Walls, Floor and Ceiling (Bid Item No. 17):
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for preparing the tank interior at the Northwest GST including the walls, floor, ceiling, and any other items not covered in bid items 1-16. The quantity of tank interior prepared shall be measured in square feet.

- b. Basis of Payment: Payment will be for each square foot of prepared tank interior, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of tank interior preparation.
- 18. Prime, First and Second Coat on Tank Interior Walls, Floor and Ceiling (Bid Item No. 18):
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for priming and painting the first and second coat of paint to the tank interior walls, floor, and ceiling and any other items not covered in bid items Northwest GST. The quantity of tank interior painted shall be measured in square feet.
  - b. Basis of Payment: Payment will be for each square foot of tank interior primed and painted with two coats of paint, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of tank interior priming and painting.
- 19. Prime, First, and Second Coat Tank Exterior for Spot Coating Repairs (Bid Item No. 19)
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for priming and painting the first and second coat of paint spot repairs to the tank exterior for the Northwest GST. The quantity of tank exterior spot repairs painted and completed shall be measured in square feet.
  - b. Basis of Payment: Payment will be for each square foot of tank exterior primed and painted with two coats of paint, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of tank exterior priming and painting.
- 20. Prepare and Apply Single Top Coat Tank Exterior at Northwest GST (Bid Item No. 20)
  - a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for pressure washing and applying a single top coat to the Northwest GST. The quantity shall be measured in square feet.
  - b. Basis of Payment: Payment will be for each square foot of prepared and single top coated as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for preparing, pressure washing, and coating the exterior of the Northwest GST.
- 21. Prepare, Crack Repair, Prime, First & Second, and Finish Coat of the Exterior Northwest GST Building and Piping within and outside of the Building (Bid Item No. 21)

- a. Basis of Measurement: This bid item includes all labor, materials and equipment necessary for preparing and painting the building exterior for the pump building at the Northwest GST site and tank discharge piping between and within the building at Northwest GST. Preparation shall include any necessary crack repairs. The quantity of building exterior and piping prepared and coated with one prime and two topcoats shall be measured in square feet.
  - b. Basis of Payment: Payment will be for each square foot of prepared and coated building exterior and pump discharge piping, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of building repair, coating, and pipe coatings.
22. Concrete Pad Removal and Replacement (Bid Item No. 22)
- a. Basis of Measurement: The lump sum bid price for concrete pad removal and replacement includes all labor, materials and equipment necessary to remove the existing reinforced concrete pad supporting the existing altitude valve, and replace with pad as proposed in the Plans.
  - b. Basis of Payment: This item shall constitute full compensation for all labor, materials and equipment for to remove the existing reinforced concrete pad supporting the existing altitude valve, and replace with pad as proposed in the plans, preparation of the surface, cast in place formwork, rebar and metal mesh, expansion joints, disposal of existing concrete and waste, material testing and incidental work as shown on the Contract Drawings and as specified.
23. Removal and Replacement of ~~20-inch-Butterfly~~ Valves, Installation of Dismantling Joint and Spool Pieces (Bid Item No. 23)
- a. Basis of Measurement: The lump sum Bid Price for removal of existing two (2) 24-inch above-grade butterfly valves and reducers, and above grade piping & appurtenances, and installation of one (1) 24-inch above-grade butterfly valves, one (1) ~~20-inch~~ 16-inch above grade plug valve, pipe spool pieces, pipe fittings, pipe supports, and coatings, and shall be for furnishing all labor, materials and equipment necessary.
  - b. Basis of Payment: The removal of existing two (2) 24-inch butterfly valves and piping, and installation of ~~two (2)~~ one (1) 24-inch butterfly valve, ~~one (1) 16-inch plug valve, 24-inch~~ spool pieces, ~~24-inch dismantling joint,~~ pipe supports, and coatings, and shall be paid for at the contract lump sum price set out in the Proposal, which constitutes full compensation for all the work described herein.
24. Removal of Existing Altitude Valve and Installation of New Altitude Valve (Bid Item No. 24):



- a. Basis of Measurement: The lump sum Bid Price for removal of one (1) ~~20-inch~~ 14-inch altitude valve and replacement with one (1) 16-inch altitude valve and shall be for furnishing all labor, materials and equipment necessary.
  - b. Basis of Payment: The one (1) ~~20-inch~~ 14-inch altitude valve removal and replacement with one (1) 16-inch altitude valve and shall be paid for at the contract lump sum price set out in the Proposal, which constitutes full compensation for all the work described herein.
25. Installation of Tank Accessories (Bid Item No. 25)
- a. Basis of Measurement: The lump sum Bid Price for the installation of tank accessories as defined in the drawings and specifications including (1) GST fall protection system at Northwest GST and one (1) interior ladder at the Northwest GST and shall be for furnishing all necessary labor, materials, and equipment necessary to complete the bid item.
  - b. Basis of Payment: The installation of (1) GST fall protection system at Northwest GST, and one (1) interior ladder piping shall be paid for at the contract lump sum price set out in the Proposal, which constitutes full compensation for all the work described herein.
26. Furnish and Install Electrical and I&C (Bid Item No. 26)
- a. Measurement: Measurement for this lump sum item will be based on the percentage of the total value of the work performed to install all electrical and I&C parts, conduit, wiring, and connections, satisfactorily furnished, installed, and shall include all related work required to successfully provide and install / complete electrical work.
  - b. Payment: Payment of the appropriate percentage of the lump sum price shall be full compensation for furnishing all labor, materials, design and equipment to construct/install panels, wiring, conduit, connections, terminals, power transformer and all other appurtenances as necessary to accomplish the work as shown on the Drawings and specified in the Contract Documents.
27. Owner's Contingency
- a. Basis of Measurement: Measurement for this as needed item will be made for in accordance with any Change Order authorized by the Owner. The allowance is for extra work specifically authorized by the Owner and has been predefined by the Owner. Compensation will be determined in accordance with any Change Order provision of the General Conditions. Compensation shall be deducted from the contingency allowance as authorized by the Owner.
  - b. Basis of Payment: Payment from the Owner's Contingency shall be made for only after authorization of the Owner in accordance with any Change Order provisions.

B. Bid Alternatives:

1. Additional Prime and First Coat Exterior Tank Coating (Alternative Bid Item No. 1.)
  - a. Basis of Measurement: This bid item includes all labor, materials, and equipment necessary for the additional coating on the exterior tank (prime and first coat) for the Northwest GST. This bid item shall only be used and approved at the discretion of the City. The quantity of tank exterior coated shall be per square feet.
  - b. Basis of Payment: Payment will be for the actual quantity prepared, primed, and first coat of the tank exterior, as set forth in the Proposal. The unit bid price includes the furnishing of all labor, equipment and material necessary for completion of tank exterior preparation and coating. The top coat shall be included in Bid Item No. 20.

**PART 2 - PRODUCTS (NOT USED)**

**PART 3 - EXECUTION (NOT USED)**

**END OF SECTION**

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