

BUSINESS CASE FORM

New Project or Budget Change? **Assigned Project #**

Requested by: **Date:**
Project Manager / Area Manager

Project Name:

Company:

Business Unit:

Project Owner:

Project Manager:

Start Date:

Estimated End Date:

Primarily Like-For-Like Asset Replacement?

Will project replace/retire any assets:

	Engineering	Construction	Total
Previously Requested:		145,919	145,919
This Request:		34,400	34,400
Still to be Requested:			0
Total Project Budget:	0	180,319	180,319

BU Type:

Budget Owner / RP:

Region:

State:

Project Type: (check all that apply)

- Growth
- Maintenance
- Replacement
- Upgrade
- Cost Reduction
- EH&S Compliance
- Other
- Developer Agreement
- Divestment
- Acquisition
- Rate Case
- Deferred Maintenance

Description:

Sandblast the interior dome and top 3 feet of interior walls, apply epoxy surfacer as needed and apply two coats of Sherwin Williams 646PW at 6mils per coat to the interior of:

A. 0.500 MG concrete ground storage tank at the Wekiva WTP.
 B. 1.0 MG concrete ground storage tank at the Wekiva WTP.
 C. 0.250 MG concrete ground storage tank at the Des Pinar WTP.

Replace the existing ground storage tank interior steel ladders with fiberglass ladders inside of:

D. 0.250 MG tank at the Des Pinar WTP.
 E. 0.500 MG tank at the Wekiva WTP.
 F. 0.750 MG tank at the Wekiva WTP.

Change Order #1 -
 Wekiva WTP 0.500MG GST - Once the GST had been drained and further inspected, there was significant interior wall surface erosion that needed to be addressed. The walls were prepped, anchors and rebar installed, then 1.5" of shotcrete applied to the tank walls. Net increase in cost of \$34,400.00

Timeline Considerations:

These deficiencies need to be addressed as a result of the last round of 5 year tank inspections that generated comments ranging from fair to poor condition by the inspecting party. This project will be included as a pro forma project in the Utility's upcoming rate filing this year. The project must be completed during the seasonal low demand period.

Inter-dependent Project Project Number: Project Name: (If applicable)

Have engineering evaluations been performed? Engineering project number: (If applicable)

JUSTIFICATION / ALTERNATIVES

Justification and Benefits:

FDEP requires all PWS potable water tanks, both pressurized and non-pressurized, to be inspected every five years by a contractor working under the responsible charge of a Florida-licensed professional engineer. During the last inspection cycle, the inspection report identified a combination of interior coating failures and interior ladder corrosion issues within four of the five ground storage tanks located at the Des Pinar WTP and the Wekiva WTP in the Sanlando system. Comments varied from fair to poor that need to be addressed prior to the next round of inspections to maintain compliance with DEP rules, provide safe access to the interior of the tanks, and protect the integrity of the finished water stored in the tanks.

Risk Evaluation

Failure to address these deficiencies will lead to further degradation and more extensive repairs. Neglecting these items will lead to non-compliance issues.

Alternatives Considered:

Items to be addressed are those identified by the vendor to be fair and poor. Fiberglass ladders vs. steel or aluminum will have a considerably longer service life.

Technical Review Summary:

This project was reviewed by the CPRT on 1/30/2020 without comment requiring changes or the need for additional information.



PRECON CORPORATION

Prestressed Concrete Tanks

115 S.W. 140th Terrace
Newberry, Florida 32669
(352) 332-1200
Fax 332-1199

March 3, 2020

Mr. Scott Gosnell
Utilities Inc.
200 Weathersfield Ave.
Altamonte Springs, FL 32714
(866) 842-8432

PROPOSAL

Subject: Utilities Inc. Wekiva WTP GST #1

Description: .5 MG Prestressed Tank Wall Repair

1. MATERIALS AND SERVICES TO BE FURNISHED BY PRECON CORPORATION

Precon proposes to furnish all labor, material, equipment, scaffolding, forms and supervision required to complete the tank in accord with the request of Utilities Inc. and Precon Corporation's standard prestressed concrete tank design. The services to be furnished by Precon Corporation are specifically:

- a. Pressure wash entire interior wall surface at 5,000 PSI to clean wall and provide surface profile
- b. Install concrete anchors on interior wall to bond old concrete and new concrete
- c. Install #3 horizontal rebars at 1' spacing C-C
- d. Add 1-1/2" thick layer of shotcrete to interior wall

2. MATERIALS AND SERVICES FURNISHED BY OTHERS

It is understood that the following services are not included and are to be provided by others:

- e. Electricity for construction
- f. Uninterrupted water for construction
- g. Sterilization and sanitation of tank
- h. All permits and government fees

3. QUOTATION

We are prepared to carry out this work in accordance with the foregoing for the lump sum price of:

Total Lump Sum: \$ 34,400.00

Based on monthly estimates for work completed and materials on hand, your payments, less retainage, are to be received by us in our office at 115 SW 140th Terrace, Newberry, Florida 32669, within five days after receipt of the Owner's payment. Our retainage will be reduced as your net retainage is reduced. In the event of default on the date of final payment, it is agreed that interest will be paid at the rate of 15% per annum on the outstanding balance. Any reasonable legal or other expense necessary for the enforcement of this contract or for collection of monies due shall be borne by the party at fault.

4. COMMENCEMENT AND COMPLETION

We are prepared to furnish sufficient labor, materials and equipment to complete the work within approximately 2 weeks after a mutually agreeable start date.

5. SHOP DRAWINGS AND DESIGN DATA

We will submit all data required, including complete computations, shop drawings and specifications for approval prior to starting work.

6. BOND

The cost of a payment-performance-maintenance bond, issued for a one-year period, is to be added to the bid price if required. The price for this bond is \$12.00 per \$1,000.00. If utilizing sub-guard, any bonds required will be added to the tank price.

7. SAFETY

This proposal is based on performing the work in accordance with Precon Corporation's Safety Program, which meets or exceeds CFR 1926 OSHA Standards. If any additional safety requirements are placed upon us, such as additional site training or safety equipment, the cost for such additional requirements plus overhead shall be reimbursed to us.

8. DELAYS

It is agreed that we shall be permitted to prosecute our work without interruption. If delayed at any time for a period of 24 hours or more by an act or neglect of the owner, his representative or other contractor employed by him, or by reason of any changes ordered in the work, we shall be reimbursed for our actual additional expense caused by such delay, including loss of use of our equipment, plus overhead and profit.

9. INSURANCE

Precon will furnish an insurance certificate showing coverage of liability, property and worker's compensation insurance upon request. Our insurance will be carried in accord with the general condition requirements. An additional amount will be added to our subcontract price if there are any extra requirements. Builder's Risk insurance will be carried in accord with general conditions requirements.

10. ACCEPTANCE

This proposal is offered for your acceptance within 15 days. This proposal is based on the conditions of the AIA Standard Form of Agreement Between Contractor and Subcontractor, and it shall be made part of any subcontract.

Accepted: Bryan K. Gongre

By: Bryan K. Gongre

Title: Regional Mgr

Date: 3/3/2020

Offered: Precon Corporation

By: Adrian Moore

Title: Project Manager
Special Projects