



October 4, 2023

Blue Cypress Golf & RV Resort  
Condo Association, Inc.  
Attn: Bill Forrest  
13801 HWY 441 SE  
#288  
Okeechobee, FL 34974

RE: Washout, Inspection & Engineering Services  
(1) 32,000 GAL Horizontal Tank  
(1) 5,000 GAL Hydropneumatic Vessel  
Proposal No. 23-147Rev1

Mr. Forrest:

In response to your request for a quote for washout, inspection, and engineering services, we are pleased to furnish our quotation for performing a detailed inspection of the above referenced potable water storage tanks as follows. This inspection will be performed in accordance with AWWA Manual M42 App. "C", NFPA 22, and NFPA 25, to determine the tank's current condition. The field inspection will serve as the basis for detailed engineering analysis and report. All work will be performed under the supervision of a Registered Professional Engineer.

## I. SCOPE OF SERVICE

### ASSESSMENT INSPECTION

- A. Perform a high-pressure wash of the tanks interior in order to facilitate a thorough inspection and assure accuracy in the observations. This will remove slime, loose rust, silt, and other loose impurities that may impede proper inspection per FDEP 62-555. ***Note: this assumes water for pressure washer at 30 psi minimum available within 50 ft. of the tank. All material removed from the tank will be disposed of on the ground near the manway.***
- B. Complete visual inspection of the site, foundations, and supports.
- C. Evaluation of each tank interior and exterior coatings.
- D. Evaluation of the interior and exterior of each tank plates supplemented by Ultrasonic Thickness Measurements.
- E. Evaluation of metal for isolated or general deterioration, including structural damage due to metal loss.
- F. Evaluation of accessories such as piping, nozzles, manholes, vents, etc.
- G. Evaluation of sanitary conditions of the tank interior.

**Report & Evaluation**

- A. The field inspection data will be reviewed, and the inspection reports signed by a Licensed P.E. experienced in tank design and construction.
- B. Inspection Reports will be prepared and will include:
  - Discussion of each part of the tank and its current condition.
  - Photos of key inspection points.
  - Drawings showing the tank layout, dimensions, and UT measurements.
  - Recommendations for any repairs and renovations.

**II. SUMMARY OF COST**

(2) Tank Cleaning and Inspections.....	\$4,525.00
(2) Inspection Reports (\$950 each) .....	\$1,900.00
Total .....	<b>\$6,425.00</b>

**III. SCHEDULE**

We will be able to start work at the next available open calendar workday after written receipt to proceed. Inspection reports will be submitted within 4 to 6 weeks after the assessment inspection is completed.

**IV. INSPECTION NOTES:** All inspection reports and the conclusions, recommendations, and comments contained with them are based upon spot examinations of the tank and may be affected by the limitations of the equipment used during the inspection. Should latent defects or conditions that vary significantly from those described in the report be discovered later, these should be brought to the attention of a qualified individual at that time. The comments and recommendations in this report should be viewed as information to be used by the Owner in determining the proper course of action and not to replace a complete set of specifications. All repair and maintenance work should be done in accordance with the associated codes and standards. The preparation of specifications and the inspection of repairs for aboveground storage tanks is a specialized field, and we recommend that the Owner consider the use of engineers qualified by education and experience in the tank industry standards to handle these projects. Inspection results are dependent upon visual inspection of the base material. If possible, it is recommended to abrasive blast or power tool clean all corroded areas before the inspection to remove all corrosion scale or other materials that would impede inspection. Tank Engineering is not responsible for reporting metal loss discovered after abrasive blasting surfaces that were previously inspected.

Tank Engineering is not responsible for removal and/or replacement of bolted style manways, gaskets, piping, fittings or pumps. Services performed outside of this scope of work will be invoiced per the Tank Engineering Schedule of Fees. Tank Engineering will be provided free and unobstructed access to the work area, with no delays from the owner or other contractors.

**V. SAFETY:** Unless otherwise specified, all inspection pricing is based on the use of a ladder or stairway attached to the tank or a portable ladder to access points up to 15

feet above the ground. Heights above 15 feet will require a man lift if a safe ladder or stairway is not permanently attached to the tank. Some tank configurations and locations may also require a man lift. The cost of a man lift is not included in this proposal. Tank Engineering provides standard fall protection devices, such as body harness, lanyard, and safety rope. The safety of the inspector is dependent upon the structural integrity of the ladder and attached safety devices. The field crew shall have the sole right to determine the integrity of all ladders and safety devices. All tanks and vessels must be clean and gas-free prior to the inspection. All Tank Engineering inspection crews are certified for permit required confined space entry. The safety assessment of any confined space shall be at the sole discretion of Tank Engineering's personnel. If the tank is not ready for entry at the time of arrival by Tank Engineering personnel, additional charges may apply.

- VI. CONSULTING:** The pricing above includes field work and inspection reports only. Additional consulting will be billed at an hourly rate of \$125 / hour.
- VII. BILLING AND PAYMENT:** Client agrees to pay invoice within 30 days of receipt of the invoice. Should payment not be received within 30 days, the amount due shall bear a service charge of 1½ percent per month or 18 percent per year plus the cost of collection, including reasonable attorneys' fees if collected by law through an attorney. If the Client has any objection to any invoice or part thereof submitted by Tank Engineering, client shall so advise Tank Engineering in writing, giving reasons, within 14 days of receipt of such invoice. If the project is terminated in whole or in part, Tank Engineering shall be paid for services performed prior to receiving notice of such termination, in addition to Tank Engineering's reimbursable expenses and any shutdown costs incurred. Shut down costs may, at Tank Engineering's sole discretion, include completion of records necessary to document its files and protect its professional reputation. Field work will be invoiced upon completion. Final invoice will be submitted with the Inspection Report.
- VIII. WORK HOURS:** Tank Engineering's standard working hours are Monday through Friday 8:00 a.m. to 5:00 p.m. Any work performed outside of these hours will be charged 1.5 times the standard rate, except for Sundays and Holidays which will be charged at 2.0 times the standard rate. Additionally, if due to extended work or travel time, an overnight stay is required by Tank Engineering's personnel, per diem and incidental charges shall apply.
- IX. STANDBY TIME:** Standby time shall apply to any delays beyond the control of Tank Engineering. If such delays lead to an overnight stay or travel changes, per diem and incidentals will be billed accordingly. Standby time shall count towards the standard workday.
- X. PROPOSAL VALIDITY:** Unless otherwise stated, all pricing proposals are valid for 30 days from the date of the proposal.

Sincerely,  
*Tank Engineering*



Mark Erdly  
NACE Coating Inspector Level 1  
Certified No. 60182

ACCEPTANCE:

This proposal, including the attached terms and conditions, is hereby accepted and approved:

By (signature): 

Name: WILLIAM FORREST

Title: vice president

Company: Blue Cypress Golf & R.V.