

**AQUA-TECH COMPANY**  
**P.O. Box 1961**  
**Carmichael, Ca 95609-1961**  
**(916) 482-3703**

**(Native American Owned and Operated Since 1996)**

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**April 30<sup>th</sup>, 2022**

**Christian Valley Park CSD**

P.O. Box 6857  
Auburn, Ca 95604

Attn: Don

**RE: "Water Tank Repair**

**...“NO TANK IS TOO BIG, TOO SMALL, OR TOO TALL!”**

Don:

Thank you for the opportunity to submit our proposal for **“Water Tank Repair**. Our proposal includes all labor, materials and equipment necessary to complete the following:

Provide commercial water tank maintenance services to inspect one (1) water storage tank

- |   |             |
|---|-------------|
| 1. Provide Warranty repair to one (1) 750k steel welded water tank( float cable/washer) | \$ 2,450.00 |
| 2. Mobilization to Auburn, Ca   | \$ 350.00   |

Total of all services	----- \$ 2,800.00
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\*Please have tank full prior to our arrival. If there are no exterior ladders we will need one provided. Cleaning is not included but can be done for an additional \$2,450.00 if needed. Repairs, if necessary, in Tank 2 not included in quote.

Tank 1 Repair – Repair deficiencies found at 11-month inspection.

- Replace corroded nut/washer on tank inlet.
- Repair/reattach staff gauge float cable.

Cost - \$1,250

(Based on work occurring same day as 11-month inspection on Tank 2.)

## Discharge

N/A

## Repairs

Quoted after inspection

## Qualifications

The **Aqua-Tech Company (ATC)** has been consulting with water utilities for the past twenty-nine (29) years. In that time ATC has completed all contracts without any negative occurrences. ATC is also a **Native American Owned Company**. ATC specializes in cleaning, inspection and repair not only to potable water storage tanks/reservoirs but all types of tanks. One of ATC's owners, **Michael E. Johnson**, recently served on a committee for the **American Water Works Association (AWWA)**. The committee was selected to write and approve an amended standard pertaining to commercial divers working in potable water storage facilities. The standard is **AWWA Standard; C-652-92-Disinfection of Potable Water Storage Facilities. Reference Section 5: "Disinfection Procedures When Conducting Underwater Inspection of Potable-Water Storage Facilities"**. The new revised standard is **C-652-02**.

## Disinfection

All personnel and equipment will be disinfected with a chlorine solution of 200ppm. This solution is spray applied to all divers and equipment prior to each entry. All divers will be sprayed down with the solution on a plastic tarp. The tank entry hatch and surrounding areas will be dechlorinated prior to entry. All loose debris and material surrounding the entry hatch area will be swept and contained so that no materials will enter the tank.

## Proof/Documentation

We propose to document all procedures with live color video. Wet inspections include video documentation and a written report with conclusions and recommendations. As we inspect each facility we will utilize the entry hatch as the 12:00 o'clock position and will proceed with each inspection in a clock wise manner. As you probably know all underwater video has its limitations. Our camera is the latest high resolution fixed focus technology with quartz crystal lighting. In tanks with dark coatings (coal tar and concrete) lighting is absorbed into the dark coating and the subject field is smaller. In tanks with lighter coatings (epoxy) lighting is more reflective and the subject field of view is much larger. Most times we have no video limitations, yet the video quality is subject to existing tank conditions. If we encounter video problems we will substitute color still photographs for video.

## Contract Approach

**The Aqua-Tech Company** will inspect water tanks while on line and operational. If needed, facilities may be isolated during the cleaning/inspection process as long as flow into the facility is maintained. Water levels for wet inspections must be as full as possible for ease of entry. In

some instances the pumps may need to be shut down for a short period of time due to diver safety.

### **Vacuuming**

Cleaning is not included in above cost estimate. Bolted tanks will take longer to clean due to bolts on floor and the need to clean around them. Please see above for more details.

### **Dry Suits**

All of our divers utilize DUI hard shell diving suits (non-neoprene). All suits are custom made to fit each diver. Due to the size of our lead diver we can't utilize rubber suits. Rubber suits also will tear much easier than the type of suits that our divers utilize.

### **Project Team**

The project team will consist of a three man crew, which is the current requirement of OSHA and is set forth in the regulations governing confined space entry and commercial diving operations. A fourth team member may be required if/when called for. Team members are experienced in all types of water tanks/reservoirs and are certified divers. In addition, each man holds a certification for confined space entry. Project team is as follows:

### **Mobilization**

In most cases, our company can mobilize within two weeks (or sooner) with a formal "Notice to Proceed". In some instances, if contracts overlap, additional time may be needed for scheduling. See above for fees.

### **Statement of Compliance**

All work performed on the before mentioned water storage facility will be completed in accordance with all local, State and Federal regulations pertaining to personal safety and sanitation with regards to the entry into a public water supply. In addition, all AWWA and OSHA regulations will be strictly enforced and complied with at *all* job sites.

All projects are subject to delays caused by weather problems, Acts of God, labor disputes or other unforeseen contingencies. All invoices shall be furnished in duplicate. If District operation problems delay our inspection/cleaning process, a standby fee of **\$225.00** per hour will be charged (four hour minimum). Terms to be agreed upon by both parties.

### **Payment**

Invoices will be submitted at the time of field services completion on a per tank basis. Weekly invoices will be sent for contracts that are more than one (1) week in length. Payment terms are net 30 with discounts of up to 2% for prompt payment within seven (7) days. Reports are usually submitted within sixty (60) business days and are not to hold up invoice payment. DVDs will be collected and turned in after all services to all facilities have been completed. Payments received past the initial thirty (30) days will be subject to an additional fee of 1.5% per fifteen (15) days late. **Credit Card payments are preferred.**

**Proposal Acceptance**

Insurance certificates will be provided to **Christian Valley Park CSD** prior to the commencement of any work. Additional insured will be added for a small fee if district is not currently listed on our insurance list. Certain insurance wording can cause additional fees if our policy needs to be modified (i.e. CG2010 or waivers of subrogation). Fee for additional insured is contingent upon City/Utility insurance requirements.

Upon request, the **Aqua-Tech Company** will provide the **Christian Valley Park CSD** with references for past projects.

If you have any questions or need additional information, please contact our office directly at the telephone number listed below. Thank you for considering our company.

Sincerely,

**AQUA-TECH COMPANY**

Michael E. Johnson

Company Telephone Numbers;

Office Voice/Fax: (916) 482-3703 Cellular: (916) 715-0732

Please read thoroughly and sign below. By signing you agree to all terms and conditions set forth in this proposal. Please sign and fax back with original sent via courier or US mail.

X \_\_\_\_\_ Date: \_\_\_\_\_ / \_\_\_\_\_ /2022