

# TANCO

## ENGINEERING, INC.

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1400 TAURUS COURT, LOVELAND, CO 80537-3297 WWW.TANCOENG.COM TEL (970) 776-4200 FAX (970) 776-4300

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February 16<sup>th</sup>, 2023

Maurice Pribble  
Town of Johnstown  
Johnstown, CO

Dear Mr. Pribble,

In response to your request, TANCO is pleased to submit this LUMP SUM price to your existing north tank (50' diameter x 52.5' tall) at your Johnstown, CO facility. Please reference this proposal in any resulting contract or purchase order.

### Price

TANCO's Lump Sum price to provide all materials, fabrication, engineering, field labor, supervision, tools, supplies and equipment required to execute the scope of work for **\$344,000** and is broken out below.

Mechanical Repairs	\$75,000
New 30" Shell MW	\$7,000
Floor Repairs(Weld Build Up of 50 1-2" Diameter Pits)	\$5,000
Full Interior Blast and Recoat	\$217,000
Exterior Paint Repairs	\$22,000
Heat for Coatings if Needed	\$18,000

### Scope of Work

- Remove existing remaining angle iron from underside of self-supported cone roof(Since this is a self-supported cone roof and 1/4" thick plate there is no structural members that need to be added to the underside of the roof, just need to remove what was there and corroded out for the new coating).
- Weld repairs on 14" nozzle on the floor
- External weld repair on shell coupling
- Two 12"x12" floor patches
- Two pits that need to be puddle welded just above the shell to corner weld
- Replace the cone roof hatch
- Replace PVC overtop fill line with CS pipe
- Full interior blast and recoat of the floor, shell and underside of cone roof.
- Exterior coating is in great shape, only a couple of little spots that need to be touched up from something that hit the tank(10'x10' area, new roof hatch that is getting added, and at the doorsheet).

### Schedule

We estimate that completion of your tank work will take 5 weeks with a 7 person crew working a 6-10's schedule with one combination firewatch/holewatch. This duration includes all scopes of work.

See below the Clarifying Notes, Assumptions, and Exclusions form, as it is an integral part of our proposal.

Please feel free to contact me at (970) 776-4211 if you have any questions or need more information.

Regards,

Keegan Maloney  
Vice President

### **TANCO'S CLARIFYING NOTES, ASSUMPTIONS AND EXCLUSIONS**

1. This proposal is firm for acceptance for 30 days. **Note: Material Costs Subject to Escalation Due to Import Tarrif Implementation by the Government. Material Costs are Price in Effect at Time of Shipment from Material Vendor.**
2. The schedule in this proposal is based on our current workload and is contingent upon receipt of materials as committed to us. Our labor forces and equipment are subject to prior sale.
3. This proposal is based on one move in; one move out for all contractors and subs. Any additional mobilization or shutdown time due to customer will be billed as an extra.
4. Any period of delay due to causes beyond the reasonable control of TANCO will be added to the time for completion of this work.
5. In the event that our work should be stopped periodically for reasons beyond our control, our average cost to shutdown a crew is \$ 1,000 per hour. If we could work part of the day and/or could make up some hours by working late or on Saturday, these costs could be reduced or eliminated.
6. Local building permits or special licenses required for the construction of this tank shall be obtained by others. Costs to provide any extra information (beyond standard submittals) for permitting purposes would be added to our contract price. If "hot work" or other special site permits are required, they must be issued prior to the beginning of a day's work period to avoid delays.

### **Clarifications**

1. We assume that access to the tank site and a suitable work area around the tank will be provided. We also assume that the site is in a well-drained area and that soil conditions will allow our trucks and equipment to move around the area under their own power. If required, the work and storage areas will be kept free of excessive dust, ice, mud, and/or water by others.
2. Purchaser shall provide clear and open space adjacent to the construction site adequate for receiving and storing materials and construction equipment. As a safety precaution, our field construction forces do not operate hoisting equipment or install rigging within 15 feet of live 220 volt electric power lines (larger clear distances are required for lines of higher voltage). If such are present at the time of construction, the cost of moving them or otherwise making them safe will be for the Purchaser's account.

3. The tank is to be cleaned, isolated, and gas freed by others. TANCO is to be notified of any conditions that may present a danger to our crew.
4. We have assumed that once the tank has been cleaned, gas-freed and isolated, any special confined/enclosed spaced requirements will be unnecessary. We would continue to monitor the air both inside and outside of the tank and provide a firewatch per the following clarifying note. Entry/hot work permits also will be obtained as needed and fire extinguishers will be on hand. However, our pricing does not include such items as fresh air gear, air educators, lifelines, special clothing or PPE, warning horns, explosion-proof lights or standby rescue crews.
5. Our proposal does not include a non-working safety watch, fire watch, hole watch, or confined space rescue.
6. Our proposal does not include seal welding of any underside laps of the umbrella roof, cone roof, or existing roof. We have not included any seal welding of roof rafters to roof plate.
7. Our proposal is based on using A36 steel from API Group II.
8. Our proposal is based on using 1/4" thick roof plate.
9. Pricing is based on reusing existing roof appurtenances.
10. Our price does not include post weld heat treatment or stress relieving procedures.
11. Coating pricing is based on disinfecting only areas where new coating has been applied for each repair option.
12. Our proposal is based on us being able to safely walk on the existing cone roof to perform our scope of work.
13. Our price does not include piping or valves beyond the exterior flanges on the tank nozzles. New gaskets and bolts have not been included.
14. We plan to use our current weld procedures and welder qualifications. TANCO's standard welding procedures call for all down flat welds to be single pass with E7024 rod. All welds on the tank shell will be made with E6010.
15. We have assumed that there are no special or toxic coatings or linings on the tank interior. We have not included any costs to deal with lead base paint.
16. We have assumed that the existing tank materials are weldable. Any cost to assure weldability would be added to our price.
17. Our proposal includes all required AWWA D100 required NDE.
18. TANCO's bid does not include a hydrotest.
19. We have relied on the drawings and specifications provided in developing our price. Any revisions or corrections to the information provided will be evaluated for impact to our quoted price and schedule.
20. Our price is based on receiving the entire project.
21. Taxes have not been included in our price. TANCO will collect taxes at the end of the job, if appropriate.
22. If coating is done in cold weather months heaters will need to be supplied for a cost of **\$21,000**.

23. Below are the clarifications, exclusions, and assumptions for the coating contractor:

**NOTES:**

Note 1: One (1) mobilization is included.

Note 2: Heat and dehumidification equipment is excluded.

Note 3: Spent abrasive disposal by CMCR, Inc.

Note 4: All external coatings to be brushed and rolled.

Note 5: Third-party inspection by others.

Thank you for the opportunity to submit this proposal. The above clarifications and comments are intended to communicate the basis of our proposal. TANCO will gladly negotiate changes to best suit your requirements. If there are any questions, or if we can be of further service, please contact us at your earliest convenience. We look forward to working with you in the near future.