



22193 Jerrett Place

Palo Cedro, CA 96073

530-549-3773

August 4, 2018

Pace Engineering
1730 South Street
Redding, CA 96001

Attention: Paul Reuter
Regarding: Hornbrook CSD Fire Damage Water System Repair

Dear Mr. Reuter:

Per your request, the price to demolish the remainder of water tank # 1 and well building #2, and rebuild water tank #1 and well building #2 per the original drawings is, \$ 630,000.

Inclusions:

1. Any necessary excavation to demolish tank # 1.
2. Demolish tank # 1 concrete tank structure.
3. Demolish well building # 2 concrete slab.
4. Dispose of concrete at a proper land fill.
5. Reconstruct tank # 1 concrete, framing and roofing per the original drawings.
6. Add hydro pneumatic system with pump to feed water to Cal Fire Station.
7. Backfill tank # 1 as necessary.
8. Well # 2 concrete building slab.
9. Well # 2 framed building, roofing and door per existing drawings.
10. New pump discharge piping in well # 2 building per existing details.
11. All electrical work for the new tank # 1, hydro pneumatic system and well # 2 building.
12. Painting as necessary for tank # 1 building and well # 2 building.
13. Bond and \$1,000,000 liability insurance.
14. Prevailing wage rates.

Exclusions:

1. Shoring of any kind to make the excavation at tank # 1 safe.
2. Engineering of any kind.
3. Permits of any kind.
4. Inspection of any kind.

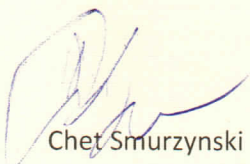
Job breakdown:

Labor-	\$210,000.00
Materials -	258,700.00
Subcontractors -	50,000.00
Travel & subsistence-	<u>34,000.00</u>
Subtotal	552,700.00
Overhead & profit 10%	<u>55,300.00</u>
Subtotal	608,000.00
Bond & insurance-	<u>22,000.00</u>
TOTAL MINUS SHORING	- \$630,000.00

As you can see in our exclusions that we do not have the necessary shoring to make the excavation of tank # 1 safe. To accomplish this, we would need a California licensed structural engineer to design a safe shoring system. From experience, a system of this nature to design, construct and remove can cost up to \$220,000. If this is to be true, the real price to accomplish this work is,\$850,000.

If you have any questions, please call.

Sincerely,



Chet Smurzynski
Owner
Tico Construction