

City of Aztec

Water Tank Cleaning and Inspections

RFQ 2020-716

Questions and Answers

1. What is the water capacity (in gallons) of each tank to be cleaned and inspection?
ANS: The rated capacity of each tank is provided in the attached revised Water Tank Specifications table.

2. Where are the tanks located? Can you provide coordinates?
ANS: The latitude and longitude coordinates for each tank are provided on the attached revised Water Tank Specifications table.

3. Does the sediment need to be dewatered?
ANS: All water and sediment removed from the tank can be discharged to the ground at the tank site (not on public streets). Dechlorination of the water or use of sediment bags is not required.

4. Why is the API 653 standard required?
ANS: It is required that the inspection of the tanks be performed in accordance with this standard. The tank inspector does not need to hold an API Inspectors certificate.

5. Why is there a separate bid item for the inspection? It is incidental to the cleaning.
ANS: The cost entered in the PRICE FOR INTERNAL VISUAL INSPECTION AND SEDIMENT REMOVAL column of the bid form should include all costs for sediment removal and the cost for the internal and external inspection and the associated photographs, videos and the report with any recommendations. The cost entered in the PRICE FOR STRUCTURE INSPECTION column of the bid form should include the measurements of metal thickness in the steel tanks and the associated report with recommendations.

**CITY OF AZTEC
WATER TANK SPECIFICATIONS
RFQ 2020-716
Revised 8-22-19**

Tank Description	Length X Width (ft)	Diameter (ft)	Height (ft)	Nominal Water Volume (Gallons)	Location Coordinates		Type	Towers	Ladders		Hatches	Baffles	Last Cleaning	Intakes, Screens or Trash Rakes	Estimated Sediment & Type
					Latitude	Longitude			Exterior	Interior					
East Tank		107	30	2,000,000	36.822	-107.982	Welded Steel	No	Yes	Yes	At least 24"	No	2016	No	Silt, est 2"
West Tank		75	30	1,000,000	36.836	-108.021	Welded Steel	No	Yes	Yes	At least 24"	No	2016	No	Silt, est 2"
Airport Metal Tank		30	24	125,000	36.835	-108.029	Welded Steel	No	Yes	Yes	At least 24"	No	2016	No	Silt, est 2"
Airport Concrete Tank		60	27	500,000	36.835	-108.030	Concrete	No	Yes	Yes	At least 24"	No	NA	No	Silt, est 2"
Lower East Tank		40	24	225,000	36.819	-107.926	Welded Steel	No	Yes	Yes	At least 24"	No	2016	No	Silt, est 2"
Upper East Tank		20	24	50,000	36.813	-107.908	Welded Steel	No	Yes	Yes	At least 24"	No	2016	No	Silt, est 2"
Bladder Tank	210 X 140		14	2,000,000	36.783	-107.980	CPVC	No	No	No	At least 24"	No	2016	No	Silt, est 2"

Prevailing Wage: No

Deficiencies: None known at any of the tanks

Operating Hours: Monday – Thursday, 7am – 4pm

Driving Distance Between Tanks: 10 – 15 minutes

Accessibility: All sites have sufficient room for 1 ton pickup and 20' trailer within 100' of tank

Sediment Disposal: Sediment and water removed can be disposed on the ground at the tank site (not on public streets). Dechlorination of the water or use of sediment bags is not required.

Existing tank conditions: Airport metal tank is rusting and walls are thinning.

API 653 Standard: It is required that the inspection of the tanks be performed in accordance with this standard. The tank inspector does not need to hold an API inspectors certificate.

Bid Form Cost Items: The cost entered in the PRICE FOR INTERNAL VISUAL INSPECTION AND SEDIMENT REMOVAL column should include the cost for sediment removal and the cost for the internal and external visual inspection and the associated photographs, videos and report with any recommendations.

The cost entered in the PRICE FOR STRUTURE INSPECTION column should include the measuremenst of metal thickness for the steel tanks and the associated report and recommendations.