



ADDENDUM 1

Date: August 3, 2018

RFQ No: WU-08-18 / Lake Water Pumping System

Bid Date: August 8, 2018/2:00 PM Local Time

The following clarifications, changes, additions, and/or deletions are hereby made to the RFQ:

- **SECTION 2. SCOPE OF SERVICES REQUESTED**

1. **Add 2.1.4 under "2.1 Pump System Delivery / Removal" as follows:**

- 2.1.4 Maintenance and Repair

- It is preferred that all maintenance and repairs are completed by the vendor on their schedule. Maintenance must be scheduled and completed by the vendor with a 5 day notice. The City will be responsible for communicating the machine hours to the vendor as requested. Repairs will be completed by the vendor at the per trip visit cost as detailed in the "Pricing Worksheet". Response for repairs will be no more than 48 hours from the time of report to the vendor. Vendor will provide 24 hour contact information to the City for reporting of machine hours and repair needs.

2. **Modify "1. Pumping System" under "2.2 System Components" as follows:**

- There will be two (2) different pumping systems. One system will be implemented to pump the North Pool of the Twin Buttes Reservoir, and the second system will be implemented to pump the South Pool of the Twin Buttes Reservoir. The design of each system shall be the responsibility of the respondent. All pumps shall be self-priming pumps.

Each pumping system may consist of a combination not to exceed ~~three (3)~~ **four (4)** pumping units. Pumping units shall be diesel powered. The pumping units shall be skid mounted such that they can be easily moved. The City will be responsible for moving the pumps and assembled piping. **Initial assembly and placement of the piping shall be performed by the respondent.**

Suction piping shall be provided for each pump. The typical depth of water over the suction pipe will be 2–5 feet and any type of baffle plates needed to prevent vortexing shall be provided by the respondent. A screening device shall be provided on the end of each suction pipe with openings sized per the manufacturer so that objects passing the screen shall not to plug the pump, but opening shall not be smaller than one and one-half inch (1 1/2"). Screen shall be designed to allow suction pipe to lay on bottom of reservoir.

Fuel storage for each pump shall be provided. Fuel storage consisting of double walled storage tanks shall be provided with a minimum storage capacity required to run the full system for seven (7) days continuously without refueling. The fuel storage tanks should also be self-contained, and the containment must be able to hold 110% of the total tank volume. Fuel service lines shall be provided and of sufficient length for fuel tank remote location.

North Pool:

For the North Pool, discharge and suction piping shall be provided. It shall consist of header or individual piping for multiple pump systems along with check valves, air release valves and isolation valves. 240 feet of suction pipe shall be provided for each unit. The quantity of discharge pipe will be 1,000 feet per each unit. **Multiple pumps can discharged into common discharge piping if so desired by the design of the respondent.** Discharge pipe shall be able to be disassembled in sections not longer than 500 feet to facilitate movement of the pipeline. Sections shall be flange connected. Price quoted shall include all pipe assembly requirements such as couplings, bolts, flanges, and fusing of HDPE pipe. The maximum elevation lift from the top of water in dead pool to



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centerline of pump is 15 feet. The elevation head on the discharge side of the pumps is not expected to exceed 20 feet. The system shall be capable of discharging approximately 75 acre-feet per day.

South Pool:

For the South Pool, discharge and suction piping shall be provided. The discharge will be into an open channel. The pumps will be set on the north shore of the South Pool. Discharge and suction piping shall be provided. It shall consist of header or individual piping for multiple pump systems along with check valves, air release valves and isolation valves. ~~240~~ **300** feet of suction pipe shall be provided for each unit. The quantity of discharge pipe will be 3,000 feet. **Multiple pumps can be discharged into common discharge piping if so desired by the design of the respondent.** Pipe shall be able to be disassembled in sections not longer than 500 feet to facilitate movement of the pipeline. Sections shall be flange connected. Price quoted shall include all pipe assembly requirements such as couplings, bolts, flanges, and fusing of HDPE pipe. The maximum elevation lift from the top of water in dead pool to the ground elevation where the pumps are to be set is 18 feet. The elevation head on the discharge side of the pumps is not expected to exceed 20 feet. The system shall be capable of discharging approximately 75 acre-feet per day. The respondent shall provide pricing and availability information for the requirements as stated.

• **SECTION 3. PROPOSAL FORMAT**

1. **Modify "4. System Information" as follows:**

Provide, at minimum, the following information on proposed pumping system:

- A. Number of pumps
- B. Pump size and capacity **(include pump curves)**
- C. Engine size
- D. Discharge header size and configuration
- E. Discharge piping size
- F. Fuel consumption at stated pumping capacity
- G. ~~Required maintenance schedule. City will be responsible for performing oil changes and lubrication maintenance.~~ **Maintenance intervals; include full list of expected parts and supplies**

2. **Modify "7. Maintenance Schedule" as follows:**

Attach the required maintenance schedule for proposed pump type. Additionally, if the City takes responsibility of performing all maintenance, provide parts lists needed for the proposed pump type.

• **SECTION 6. SUBMISSION FORMS**

Updated Proposed System Information Worksheets and Pricing Worksheets are attached.

For other questions or clarifications, please contact the Purchasing Division at SAPurch@cosatx.us.

Sincerely,

A handwritten signature in blue ink that reads "Candice Blake".

Candice Blake
Purchasing Manager



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Proposed System Information Worksheet - North Pool

System Information – North Pool	
Number of Pumps (4 Maximum)	
Engine Size	
Pump 1	
Pump 2	
Pump 3	
Pump 4	
Pumping Capacity	
Pump 1	
Pump 2	
Pump 3	
Pump 4	
Suction Size And Configuration	
Discharge Piping Size	
Fuel Consumption At Stated Pumping Capacity	
Pump 1	
Pump 2	
Pump 3	
Pump 4	



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Proposed System Information Worksheet - South Pool

System Information – South Pool	
Number of Pumps (4 Maximum)	
Engine Size	
Pump 1	
Pump 2	
Pump 3	
Pump 4	
Pumping Capacity	
Pump 1	
Pump 2	
Pump 3	
Pump 4	
Suction Size And Configuration	
Discharge Piping Size	
Fuel Consumption At Stated Pumping Capacity	
Pump 1	
Pump 2	
Pump 3	
Pump 4	



Pricing Worksheet – North Pool

Provide a detailed description and pricing for the proposed pumping system. The pricing must include a lease period for at least thirty (30) days and a lease period for at least sixty (60) days, both may be extended on a month-to-month basis thereafter. The pricing schedule shall include at a minimum the following:

System Pricing Worksheet – North Pool		
Monthly Lease Fee For Each Pump (4 Maximum)	Minimum 30-day Lease	Minimum 60-day Lease
Pump 1	\$	\$
Pump 2	\$	\$
Pump 3	\$	\$
Pump 4	\$	\$
Monthly Lease Fee Per Foot For Suction Piping		
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Monthly Lease Fee Per Foot For Discharge Pipe		
Size _____ Discharge Piping	\$	\$
Size _____ Discharge Piping	\$	\$
Size _____ Discharge Piping	\$	\$
Size _____ Discharge Piping	\$	\$
Total Monthly Fee	\$	\$
Mobilization Fee: (To deliver and set the pumping system including pumps and piping)		
De-mobilization Fee: (To disassemble and pick up the pump system)		
Minimum Lease Term:		
Availability of Pumps: (in calendar days)		
Pump 1		
Pump 2		
Pump 3		
Pump 4		
Trip Charge:		
Maintenance Fee per pump per trip:		
Monthly Lease of Additional Suction and/or Discharge Piping:		
Additional Suction Piping (per foot)		
Additional Discharge Piping (per foot)		



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System Pricing Worksheet – North Pool		
Lease of Additional Pump(s): (per month)		
Purchase Option Per Foot of Pipe		
Complete Suction Piping System (per foot)		
Complete Discharge Piping System (per foot)		



Pricing Worksheet – South Pool

Provide a detailed description and pricing for the proposed pumping system. The pricing must include a lease period for at least thirty (30) days and a lease period for at least sixty (60) days, both may be extended on a month-to-month basis thereafter. The pricing schedule shall include at a minimum the following:

System Pricing Worksheet – South Pool		
Monthly Lease Fee For Each Pump (4 Maximum)	Minimum 30-day Lease	Minimum 60-day Lease
Pump 1	\$	\$
Pump 2	\$	\$
Pump 3	\$	\$
Pump 4	\$	\$
Monthly Lease Fee Per Foot For Suction Piping		
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Monthly Lease Fee Per Foot For Discharge Pipe		
Size _____ Discharge Piping	\$	\$
Size _____ Discharge Piping	\$	\$
Size _____ Discharge Piping	\$	\$
Size _____ Discharge Piping	\$	\$
Total Monthly Fee	\$	\$
Mobilization Fee: (To deliver and set the pumping system including pumps and piping)		
De-mobilization Fee: (To disassemble and pick up the pump system)		
Minimum Lease Term:		
Availability of Pumps: (in calendar days)		
Pump 1		
Pump 2		
Pump 3		
Pump 4		
Trip Charge:		
Maintenance Fee per pump per trip:		
Monthly Lease of Additional Suction and/or Discharge Piping:		
Additional Suction Piping (per foot)		



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System Pricing Worksheet – South Pool		
Additional Discharge Piping (per foot)		
Lease of Additional Pump(s): (per month)		
Purchase Option Per Foot of Pipe		
Complete Suction Piping System (per foot)		
Complete Discharge Piping System (per foot)		