



The City Of

San Angelo, Texas

72 West College Avenue – Zip 76903

Department of Water Utilities Phone: 325-657-4209 Fax: 325-655-6397

ADDENDUM NO. 1

Date: March 5, 2014

Project: WU-02-14
Lake Water Pumping System

Location: San Angelo, Texas

Bid Date: Wednesday, March 12, 2014 @ 2:00 pm

The following changes and/or additions are hereby made to the specifications and contract documents for the above referenced project:

Proposal Information/Instructions:

Tab 2 – System Components (1. Pumping System)

Update the North Pool Section as follows:

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**. 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 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.

Tab 2 – System Components (1. Pumping System)

Update the South Pool Section as follows:

For the South Pool, discharge and suction piping shall be provided. **For “Option 1” and “Option 2”** ~~the~~ This system will pump water into existing discharge piping that goes over the top of the dam. The existing piping is 20” mortar lined concrete steel cylinder pipe with the Respondent required to connect onto a 20” ductile pipe plain end. There is a “wet well” at the inlet of the existing discharge piping. **For “Option 3” the discharge will be into an open**

channel. The Respondent shall provide pricing and availability information for each of the three (3) options below.

Tab 2 – System Components (1. Pumping System)

Update the South Pool “Option 1” Section as follows:

Option 1: Set the pumps beside the “wet well” with the suction in the wet well or canal and discharge connected to the 20” permanent pipe. The bottom of the “wet well” is at 1910’ elevation. **The City plans to pump the water level down to 1911’.** The pumps would be set on ground at 1933’ elevation. The permanent discharge pipe (where connection would be made) is at 1934’ elevation. The top of the dam is at 1990’ elevation. The water must travel approximate 400’ through the existing pipe before reaching the top of the dam. Following the top of the dam, there is approximately 200’ of existing steel piping which outfalls to an open channel. An air release valve is located at the top of the dam. The system shall be capable of discharging approximately 25 acre-feet per day.

Tab 2 – System Components (1. Pumping System)

Update the South Pool “Option 3” Section as follows:

Option 3: Set the pumps 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 feet of suction pipe shall be provided for each unit. The quantity of discharge pipe will be 3,000 feet. 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 pumps are to be set** ~~centerline of pump~~ is ~~15~~ **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.

Tab 4 – System Pricing

Update the first paragraph as follows:

Provide a detailed description and pricing for the proposed pumping system. **Provide a price for a** ~~The~~ lease period **that** will be for at least 30 days and will be extended on a month-to-month basis thereafter, **and also provide a price for a lease period that will be for at least 60 days and will be extended on a month-to-month basis thereafter.** ~~Each~~ The pricing schedule shall include at a minimum the following:

Proposed System Pricing Worksheet – North Pool &

Proposed System Pricing Worksheet – South Pool

Replace pages 27-34 with the following pages:



Proposed System Pricing Worksheet-North Pool

Provide a detailed description and pricing for the proposed pumping system. Provide a price for a lease period that will be for at least 30 days and will be extended on a month-to-month basis thereafter, and also provide a price for a lease period that will be for at least 60 days and will 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 (3 Maximum)	Minimum 30 Day Lease	Minimum 60 Day Lease
Pump 1	\$	\$
Pump 2	\$	\$
Pump 3	\$	\$
Monthly Lease Fee Per Foot For Suction Piping		
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Monthly Lease Fee Per Foot For Discharge Pipe		
Size _____ Discharge Pipe	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Total Monthly Fee	\$	\$

System Pricing Worksheet – North Pool		
	Minimum 30 Day Lease	Minimum 60 Day Lease
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		

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System Pricing Worksheet – North Pool		
Lease of Additional Suction and/or Discharge Piping:	Minimum 30 Day Lease	Minimum 60 Day Lease
Additional Suction Piping (per foot)	\$	\$
Additional Discharge Piping (per foot)	\$	\$
Lease of Additional Pump(s) (per month):	\$	\$
Purchase Option Per Foot for Pipe:		
Complete Suction Piping System (per foot)	\$	\$
Complete Discharge Piping System (per foot)	\$	\$

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Proposed System Pricing Worksheet – South Pool (Option 1)

Provide a detailed description and pricing for the proposed pumping system. Provide a price for a lease period that will be for at least 30 days and will be extended on a month-to-month basis thereafter, and also provide a price for a lease period that will be for at least 60 days and will be extended on a month-to-month basis thereafter. The pricing schedule shall include at a minimum the following:

System Pricing Worksheet – South Pool (Option 1)		
Monthly Lease Fee For Each Pump (3 Maximum)	Minimum 30 Day Lease	Minimum 60 Day Lease
Pump 1	\$	\$
Pump 2	\$	\$
Pump 3	\$	\$
Monthly Lease Fee Per Foot For Suction Piping		
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Monthly Lease Fee Per Foot For Discharge Pipe		
Size _____ Discharge Pipe	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Total Monthly Fee	\$	\$

System Pricing Worksheet – South Pool (Option 1)		
	Minimum 30 Day Lease	Minimum 60 Day Lease
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		

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System Pricing Worksheet – South Pool (Option 1)		
Lease of Additional Suction and/or Discharge Piping:	Minimum 30 Day Lease	Minimum 60 Day Lease
Additional Suction Piping (per foot)	\$	\$
Additional Discharge Piping (per foot)	\$	\$
Lease of Additional Pump(s) (per month):	\$	\$
Purchase Option Per Foot for Pipe:		
Complete Suction Piping System (per foot)	\$	\$
Complete Discharge Piping System (per foot)	\$	\$

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Proposed System Pricing Worksheet – South Pool (Option 2)

Provide a detailed description and pricing for the proposed pumping system. Provide a price for a lease period that will be for at least 30 days and will be extended on a month-to-month basis thereafter, and also provide a price for a lease period that will be for at least 60 days and will be extended on a month-to-month basis thereafter. The pricing schedule shall include at a minimum the following:

System Pricing Worksheet – South Pool (Option 2)		
Monthly Lease Fee For Each Pump (3 Maximum)	Minimum 30 Day Lease	Minimum 60 Day Lease
Pump 1	\$	\$
Pump 2	\$	\$
Pump 3	\$	\$
Monthly Lease Fee Per Foot For Suction Piping		
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Monthly Lease Fee Per Foot For Discharge Pipe		
Size _____ Discharge Pipe	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Total Monthly Fee	\$	\$

System Pricing Worksheet – South Pool (Option 2)		
	Minimum 30 Day Lease	Minimum 60 Day Lease
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		

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System Pricing Worksheet – South Pool (Option 2)		
Lease of Additional Suction and/or Discharge Piping:	Minimum 30 Day Lease	Minimum 60 Day Lease
Additional Suction Piping (per foot)	\$	\$
Additional Discharge Piping (per foot)	\$	\$
Lease of Additional Pump(s) (per month):	\$	\$
Purchase Option Per Foot for Pipe:		
Complete Suction Piping System (per foot)	\$	\$
Complete Discharge Piping System (per foot)	\$	\$

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Proposed System Pricing Worksheet – South Pool (Option 3)

Provide a detailed description and pricing for the proposed pumping system. Provide a price for a lease period that will be for at least 30 days and will be extended on a month-to-month basis thereafter, and also provide a price for a lease period that will be for at least 60 days and will be extended on a month-to-month basis thereafter. The pricing schedule shall include at a minimum the following:

System Pricing Worksheet – South Pool (Option 3)		
Monthly Lease Fee For Each Pump (3 Maximum)	Minimum 30 Day Lease	Minimum 60 Day Lease
Pump 1	\$	\$
Pump 2	\$	\$
Pump 3	\$	\$
Monthly Lease Fee Per Foot For Suction Piping		
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Monthly Lease Fee Per Foot For Discharge Pipe		
Size _____ Discharge Pipe	\$	\$
Size _____ Suction Piping	\$	\$
Size _____ Suction Piping	\$	\$
Total Monthly Fee	\$	\$

System Pricing Worksheet – South Pool (Option 3)		
	Minimum 30 Day Lease	Minimum 60 Day Lease
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		


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System Pricing Worksheet – South Pool (Option 3)		
Lease of Additional Suction and/or Discharge Piping:	Minimum 30 Day Lease	Minimum 60 Day Lease
Additional Suction Piping (per foot)	\$	\$
Additional Discharge Piping (per foot)	\$	\$
Lease of Additional Pump(s) (per month):	\$	\$
Purchase Option Per Foot for Pipe:		
Complete Suction Piping System (per foot)	\$	\$
Complete Discharge Piping System (per foot)	\$	\$

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This addendum becomes a part of and shall be included with the above referenced specifications.

Authorized by: Kevin Krueger, P.E.
Assistant Director of Water Utilities
Date: March 5, 2014

Signature:  _____

Purchasing Dept:  _____