

**EVALUATION OF BID  
PROPOSALS**

FOR: CLEANING OF HEADWORKS WET WELLS AT THE FRESNO/CLOVIS RWRF

Bid File No. 3466

Opening: 5/10/16

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<b><u>BIDDERS</u></b>	<b><u>TOTAL NET BID AMOUNT</u></b>
1. Pipe and Plant Solutions, Inc. 2000 5 <sup>th</sup> Street Berkeley CA 94710	\$289,394.00
2. Andes Construction, Inc. 5305 E. 12 <sup>th</sup> Street Oakland CA 94601	\$345,000.00

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Each bidder has agreed to allow the City sixty-four (64) days from date bids are opened to accept or reject their bid proposal. Purchasing requests that you complete the following sections and return this bid evaluation to the Purchasing Division at the latest by Monday, May 23, 2016, 5:00 P.M.

The Engineer's Estimate for this expenditure is \$500,000. The contract price is 58% below the Engineer's Estimate. If the overage is greater than 10% or only one bid was received, give explanation:

**BACKGROUND OF PROJECT**

The RWRF Headworks building was constructed in 1996 as part of a facility expansion project. The Headworks building is a key facility to the RWRF. Up to 80 million gallons of sewage enter this facility each day. Three large diameter sewer lines enter the Headworks Building from the west end into the two influent wet wells at 30 ft. below grade. The raw sewage is then pumped via 500 HP raw sewage pumps (RSP) to an elevation of approximately 3 stories for initial screening. After the initial screening, the wastewater conveyance is gravity flow throughout the rest of the treatment process.

The scope of work for this project includes: the cleaning of two (2) influent wet wells to the Headworks Facility at the Fresno/Clovis Regional Wastewater Reclamation Facility (RWRF). The influent wet wells have never been cleaned, as a result of this, a large floating mat of rags and floating debris has accumulated over the years. The mat is approximately 7 ft. thick and fills the entire foot print (30'x50') of each wet well. In addition to the floating mat, it is believed sand and other debris is accumulated on the bottom and in the corners of the wet wells.

The mat in the influent wet well has the potential of causing catastrophic failure of the Headworks Facility. It is possible the mat could roll and/or plug the inlets to the RSP's in effect rendering the building useless to where emergency bypass would be needed immediately. The costs associated with sewer system overflow fees and emergency bypass would be in excess

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of \$1,000,000 for mobilization and set up and \$30,000 per day operational costs.

The work under this contract is to furnish any and all necessary labor, material, personal protective equipment, and equipment for cleaning of each wet well. This generally includes but is not limited to screening of pumped water, debris and a dewatering process for debris removed. After all water and debris has been removed from the wet well, any solids on the ceiling, walls, floors, and equipment must be water blasted until clean.

