



## Legislation Text

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**File #:** 16-046, **Version:** 1

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*Report Prepared by: Joseph D. Angulo, Environmental Project Manager, Engineering*

**SUBJECT:** Award Bid to Nor-Cal Pump and Well Drilling for the Waste Water Treatment Plant New Well Construction, Project No. 114001

### REPORT IN BRIEF

Consider awarding a contract in the amount of \$427,300 to Nor-Cal Pump and Well Drilling to construct a new water supply well for the Waste Water Treatment Plant.

### RECOMMENDATION

**City Council** - Adopt a motion:

- A. Awarding the bid for the Waste Water Treatment Plant New Well Construction Project 114001, to Nor-Cal Pump and Well Drilling, in the amount of \$427,300; and,
- B. Authorizing the City Manager to execute the necessary documents and to approve change orders not to exceed 10% of the total contract.

### ALTERNATIVES

1. Approve, as recommended by staff; or,
2. Approve, subject to modifications as conditioned by City Council; or,
3. Refer to staff for reconsideration of specific items; or,
4. Deny.

### AUTHORITY

Charter of the City of Merced, Section 200, et seq.

Municipal Code Chapter 3.04, Article IV - Public Works Contracts. Every project involving an expenditure of more than sixty three thousand and fifty four dollars (\$63,054) for the construction or improvements of public buildings, works, streets, drains, sewers, utilities, parks, and playgrounds shall be let by contract to the lowest responsive and responsible bidder after notice by publication in the official newspaper by one or more insertions, the first of which shall be at least ten days before the time for opening bids.

### CITY COUNCIL PRIORITIES

As provided for in the 2015-16 Adopted Budget

### DISCUSSION

### **Waste Water Treatment Plant Water Supply**

The City of Merced Waste Water Treatment Plant is located at 10260 Gove Road in south Merced. The facility's fresh water needs for the restrooms, laboratory, etc. are served by an existing groundwater production well that is over thirty years old. When the well is occasionally taken off-line for maintenance and repairs there is no fresh water supply to the facility.

A new well is needed to provide redundant capacity for when the existing well is off-line. The new well will incur negligible expansion of groundwater usage and will be the primary source of water to the facility when the older well is off-line and is eventually taken out of service.

The project involves: drilling of a soil boring to several hundred feet below grade; the construction of a well casing in the borehole; and, the installation of a well pump, electrical service, chlorine feed, pressure tank and associated plumbing to connect the new well to the treatment plant's existing water system. The contract under consideration is for the construction of the well casing.

AECOM Technical Services, under the direction of City staff, prepared plans and specifications for the work. The project was advertised and the bids were opened on March 3, 2016, with the following results:

- |   |           |
|---|-----------|
| 1. Nor-Cal Pump & Well Drilling (Yuba City, CA)                         | \$427,300 |
| 2. Zim Industries (Fresno, CA)  | \$447,685 |
| 3. Hydro Resources West (Shafter, CA)                                   | \$412,690 |
| <i>(Non-responsive: Contractor did not submit signed bid amendment)</i> |           |

The engineer's estimate was \$414,770.

The following is the proposed budget for the project:

|                                       |                  |
|---------------------------------------|------------------|
| Construction                          | \$ 427,300       |
| Contingency (10%)                     | \$ 42,730        |
| Engineering, Testing, Inspection (3%) | <u>\$ 12,819</u> |
| Total                                 | \$ 482,849       |

Staff will request authorization from the City Council at a future date to award a pump station construction contract to tie the new well into the treatment plant water system.

### **Past Actions**

On April 6, 2015, the City Council awarded a professional services agreement with AECOM Technical Services for well/engineering design services at the Waste Water Treatment Plant.

### **IMPACT ON CITY RESOURCES**

This project was established as a Capital Improvement Project, and Waste Water System Enterprise Fund account 553-1108-637-65.00-114001 contains sufficient funding to complete the project.

### **ATTACHMENTS**

1. Vicinity Map

- 2. Location Map
- 3. Bid Results
- 4. Contract