TO: HONORABLE CITY COUNCIL

FROM: CITY MANAGER DEPARTMENT: PUBLIC WORKS

DATE: APRIL 1, 2002 CMR:186:02

SUBJECT: AWARD OF CONTRACT TO POWER ENGINEERING CONTRACTORS IN THE AMOUNT OF $162,000 FOR THE FILTER VALVES REPLACEMENT PROJECT AT THE WATER QUALITY CONTROL PLANT (WASTEWATER TREATMENT CAPITAL IMPROVEMENT PROGRAM #8021)

RECOMMENDATION
Staff recommends that Council:

1. Approve and authorize the Mayor to execute the attached contract with Power Engineering Contractors in the amount of $162,000 for the Filter Valves Replacement project at the Regional Water Quality Control Plant (RWQCP).

2. Authorize the City Manager or designee to negotiate and execute one or more change orders to the contract with Power Engineering Contractors for related, additional but unforeseen work which may develop during the project, the total value of which shall not exceed $32,400.

DISCUSSION
Project Description
The work to be performed under this contract is to install isolation valves and to replace the backwash valves on the filters at the RWQCP. This project is part of the RWQCP's planned equipment replacement program. The RWQCP has twelve filters. The filters are a critical part of the plant process in meeting the discharge permit requirements. To keep the filter media in good condition, the filters are backwashed daily. The backwash valves are presently leaking due to wear and tear and need to be replaced. To avoid impact to plant operation, isolation valves will first be installed at night when the flow is low. The isolation valves divide the filters into four groups. The plant can then continue the filtration process at near-normal operation while the backwash valves are being replaced, one group of filters at a time. The isolation valves will also provide flexibility for future maintenance.

Bid Process
A notice inviting formal bids for the Filter Valves Replacement Project was sent on January 30, 2002 to six contractors. The bidding period was 34 days. A mandatory pre-
bid meeting was held on February 14, 2002; five bidders attended the meeting. Bids were received from four qualified contractors on March 5, 2002, as listed on the attached bid summary (Attachment B). Contractors not responding indicated that they did not submit a bid because of other project commitments.

Bids received ranged from a high of $230,500 to a low bid of $162,000. Staff has reviewed all bids submitted and recommends that the bid of $162,000 submitted by Power Engineering Contractors be accepted and that Power Engineering Contractors be declared the lowest responsible bidder. At $162,000, the bid is twenty seven percent below staff’s estimate of $223,557. The change order amount of $32,400, which equals 20 percent of the total contract, is requested. This amount of change order authority is needed because of the high level of unpredictability of the site conditions. For example, the flow at night can cause delays to the construction, and the condition of the existing pipes may hinder construction or require additional work.

Staff checked references supplied by the contractor for previous work performed and found no significant complaints. Staff also checked with the Contractors State License Board and found that the contractor has an active license on file.

**RESOURCE IMPACT**
Funds for the Filter Valves Replacement project have been appropriated under the FY 2001-2002 Wastewater Treatment CIP #8021.

**POLICY IMPLICATIONS**
Recommendations of this staff report are consistent with existing City policies.

**ENVIRONMENTAL REVIEW**
This project is an equipment replacement project and is categorically exempt from California Environmental Quality Act.

**ATTACHMENTS**
Attachment A: Contract
Attachment B: Bid Summary

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