

Agenda Report



MEETING DATE: Tuesday, September 10, 2024

TO: City Council

FROM: PUBLIC WORKS & UTILITIES DIRECTOR LINDBERG
ASST. PUBLIC WORKS & UTILITIES DIRECTOR GREEN

SUBJECT: APPROVE CONTRACT WITH BEECHER ENGINEERING, INC.
FOR THE DESIGN OF ELECTRICAL IMPROVEMENTS AT THE
RECYCLED WATER TREATMENT FACILITY; AND AUTHORIZE
BUDGET TRANSFER WITHIN THE SEWER ENTERPRISE
FUND WATER RECYCLING BUDGET

RECOMMENDED ACTION:

Adopt a resolution awarding a contract to Beecher Engineering, Inc. for electrical engineering design improvements to the existing Recycled Water Treatment Facility (RWTF) in the amount of \$141,000; authorize City Manager to execute the same; and authorize a budget transfer within the Water Recycling Budget in the Sewer Enterprise Fund [0710-532].

BACKGROUND:

Carollo Engineers recently completed a study of the RWTF to provide a condition assessment and recommendations for equipment and operational improvements. One such recommendation was to plan to replace the existing 350 horsepower (hp) variable frequency drives (VFDs) and to add modifications to the existing electrical equipment to allow for connection of portable standby power in the case of an emergency or planned shutdown.

DISCUSSION:

The City has a list of on-call engineering consultants who were selected from the publicly advertised Request for Qualification Statements (RFQ) from Consulting Engineering Firms for Periodic and On-Call Water and Wastewater Professional Design Services in July 2023, which is valid for three years.

Beecher Engineering was selected as the most qualified to provide electrical engineering services for improvements to the existing RWTF electrical equipment recommended in the recently completed Recycled Water improvements study. Staff requested a scope and fee for the electrical engineering design work needed to plan the replacement of the

existing distribution pump 350 hp VFDs and add accommodations to standby power in the case of emergencies and planned shutdowns.

Staff recommends that a \$141,000 professional services agreement be executed with Beecher Engineering, Inc.

STRATEGIC PLAN:

This agreement supports the strategic plan goal:
2-Infrastructure & Environment

FINANCIAL IMPACT:

There is sufficient budget available for the water recycling budget within the Sewer Enterprise Fund. A budget transfer of \$141,000 within the said fund is requested from budget number 0710-532-7324 Repairs & Maintenance to budget number 0710-532-7361 Other Contract Services. It is noted that charges to the Water Recycling budget [0710-532] are reimbursed quarterly by the Pajaro Valley Water Management Agency.

ALTERNATIVE ACTION:

No reasonable alternatives are known at this time. This design work is essential to help ensure the continued reliable operation of the RWTF.

ATTACHMENTS AND/OR REFERENCES (If any):

None.