

Agenda Report



MEETING DATE: Tuesday, May 14, 2024

TO: City Council

FROM: PUBLIC WORKS & UTILITIES DIRECTOR LINDBERG
PRINCIPAL ENGINEER FRASER

SUBJECT: APPROVAL OF PLANS AND SPECIFICATIONS AND
ADVERTISING FOR BIDS FOR THE KLASSEN LANE PRESSURE
REDUCING STATION INSTALLATION ON GREEN VALLEY
ROAD, PROJECT WA-22-14998

RECOMMENDED ACTION:

Staff recommends that the City Council approve plans and specifications and call for bids for the Klassen Pressure Reducing Station, No. WA-22-14998.

BACKGROUND:

Plans and specifications have been prepared for the Klassen Lane Pressure Reducing Station and the project is ready to be bid.

DISCUSSION:

In the water distribution system, pressure reducing stations are used to feed lower pressure zones from higher pressure zones during emergencies and maintenance activities, eliminating or reducing the scope of service interruptions to customers. Currently there is only one pressure reducing station between Zone 3 and Zone 2, located near 2700 Freedom Blvd. This has proven to be a single point of failure in the past, complicating responses to system emergencies, such as main leaks.

An additional pressure reducing station is proposed at the pressure zone boundary on Green Valley Road adjacent to Klassen Lane. This station will provide redundancies to improve the reliability and operability of the water distribution system. The station design has been completed by MNS Engineers, Inc and is ready for advertisement to bid.

The station will be in an underground vault next to Green Valley Road, immediately south of Klassen Lane, north of the City Limits in an unincorporated portion of Santa Cruz County. It will include one pressure reducing valve along with associated appurtenances, electrical equipment, and controls.

The project qualifies as Categorical Exempt under the California Environmental Quality Act (CEQA) in accordance with CEQA Guidelines Section 15301 CE Class 1, minor alteration of existing public facilities involving negligible or no expansion of use beyond existing.

Bid opening is tentatively scheduled for June 25, 2024, at 2:00 PM, and the plans and specifications are on file in the City Clerk's Office. The engineer's estimated construction cost is \$330,000.

STRATEGIC PLAN:

The project supports Strategic Plan Goal:

2 – Infrastructure & Environment

FINANCIAL IMPACT:

No financial impact at this time.

ALTERNATIVE ACTION:

No reasonable alternative known at this time.

ATTACHMENTS AND/OR REFERENCES (If any):

None