



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: APRIL 16, 2024**

FROM: PUBLIC WORKS DEPARTMENT **WARD: 4**

SUBJECT: APPROVE A PROFESSIONAL CONSULTANT SERVICE AGREEMENT FOR RFP NO. 2332 FOR WOOD ROAD LIFT STATION REPLACEMENT PROJECT STUDY REPORT – PROJECT DEVELOPMENT SUPPORT (PSR-PDS) TO KRIEGER & STEWART, INC. OF RIVERSIDE, CALIFORNIA, IN THE AMOUNT OF \$64,600, FOR A TERM ENDING DECEMBER 31, 2025

ISSUE:

Approve a Professional Consultant Service Agreement for RFP No. 2332 for Wood Road Lift Station Replacement Project Study Report – Project Development Support (PSR-PDS) to Krieger & Stewart, Inc. from Riverside, California, in the amount of \$64,600, for a term ending December 31, 2025.

RECOMMENDATIONS:

That the City Council:

1. Approve a Professional Consultant Services Agreement with Krieger & Stewart, Inc. for the Wood Road Lift Station Replacement Study Report – Project Development Support (PSR-PDS) to Krieger & Stewart, Inc. from Riverside, California, in the amount of \$64,600, for a term through December 31, 2025; and
2. Authorize the City Manager, or designee, to execute the Professional Consultant Services Agreement with Krieger & Stewart, Inc., including making minor and non-substantive changes.

BACKGROUND:

The Wood Road Wastewater lift station is located at 7802 Wood Road in the City of Riverside. The lift station is the second largest facility in the City, handling on average 1.3 Million Gallons per Day (MGD) of sewage by pumping it from the lowest point in the neighborhood to the gravity sewer main on Alessandro Boulevard at Barton Street through a 16-inch Ductile Iron Pipe (DIP) force main. This station was constructed in 1987 and upgraded in 2006 with four new pump motors, two (2) diesel powered emergency standby pumps, and various electronic components.

In 2017, a break in the 16-inch Ductile Iron Pipe (DIP) force main was repaired by relining the entire force main with Cured in Place Pipe (CIPP). Other concerns at the station include:

- Heavy inundation of debris, which is caused by flushable wipes, clothing materials, and other products being flushed down the toilet,
- The shallow wet well, which causes the pumps to cycle on and off more often than anticipated,
- The various issues with the pumps' suction pipes and valves, which may cause cavitation, and
- The pumps operating out of the manufacturer's recommended range and experience continual damage to the impellers and other mechanical components.

DISCUSSION:

On October 12, 2023, Request for Proposal No. 2332 (RFP 2332) was posted on Planet Bids for the Wood Road Lift Station Valve Replacements Project Study Report – Project Development Support (PSR-PDR) to explore various alternatives to:

1. Replace the existing lift station with a new gravity system, or
2. Rehabilitate the existing lift station with new mechanical equipment and install new force main pipes to provide redundancy and reliability.

Upon the release of RFP 2332, there were 1,103 vendors notified, 43 prospective bidders, and a virtual non-mandatory, pre-proposal meeting scheduled for October 19, 2023. Three prospective bidders attended the meeting. On November 07, 2023, three proposals were received for the Wood Road Lift Station Replacement Study Report – Project Development Support (PSR-PDS). Staff evaluated the proposals based on the evaluation criteria developed for the RFP, including consultant's qualifications, approach and methodology, pricing, experience with projects of similar size and scope, and professional references. As a result, Krieger & Stewart Inc.'s proposal ranked the highest among the proposers.

Consultant	Total Points Received	Rank
Krieger & Stewart, Inc.	967.37	1
MKN & Associates, Inc.	916.94	2
TKE Engineering	856.99	3

The Purchasing Manager concurs that the recommendation to award complies with Purchasing Resolution No. 23914.

STRATEGIC PLAN ALIGNMENT:

This item contributes to **Strategic Priority 6 – Infrastructure, Mobility and Connectivity** and **Goal No. 6.2** – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

Furthermore, this project aligns with each of the Cross-Cutting Threads as follows:

1. **Community Trust** –The proposed lift station improvements are part of a significant endeavor to improve the existing sewer network and improve quality of life for residents in the service area.

2. **Equity** –The Project will provide a higher degree of sewer service reliability for all the residents in the service area.
3. **Fiscal Responsibility** –This Project was publicly sourced and the Study Report contract will be awarded to the best qualified company, based on the Request for Proposal (RFP) evaluation criteria.
4. **Innovation** –This project will explore innovative long-term solutions to address the challenges of the existing lift station and addresses future sewage flow requirements.
5. **Sustainability & Resiliency** –The proposed improvements will improve reliability of the lift station to better handle flow fluctuations and future growth.

FISCAL IMPACT:

The total fiscal impact of this action is \$64,600. Sufficient funds to cover the costs of the contract are budgeted and available in the Sewer Fund, Wood Road Pump Station Project account number 9921323-440301.

Prepared by: Thuy Nguyen, Principal Engineer
Approved by: Gilbert Hernandez, Public Works Director
Certified as to
availability of funds: Kristie Thomas, Finance Director/Assistant Chief Financial Officer

Approved by: Kris Martinez, Assistant City Manager

Approved as to form: Phaedra A. Norton, City Attorney

Attachments:

1. Professional Consultant Services Agreement
2. Project Location Map
3. RFP Award Recommendation