



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: OCTOBER 12, 2021

FROM: PUBLIC WORKS DEPARTMENT WARDS: ALL

SUBJECT: PROFESSIONAL SERVICES AGREEMENT WITH CENTRISYS CORPORATION OF STOCKTON, CALIFORNIA, IN THE AMOUNT OF \$234,087.50 FOR THE INSTALLATION AND ALIGNMENT OF A CS21-4HC 2PH ROTATING ASSEMBLY FOR THE RIVERSIDE WATER QUALITY CONTROL PLANT

ISSUE:

Approve the Professional Services Agreement with Centrisys Corporation of Stockton, California, in the amount of \$234,087.50 for the installation and alignment of a CS21-4HC 2PH Rotating Assembly for the Riverside Water Quality Control Plant.

RECOMMENDATIONS:

That the City Council:

1. Approve the Professional Services Agreement for the installation and alignment of a CS21-4HC 2PH Rotating Assembly for the Riverside Water Quality Control Plant with Centrisys Corporation of Stockton, California, for one year from the date of execution in the amount of \$234,087.50; and
2. Authorize the City Manager, or his designee, to execute the Professional Services Agreement, including making minor and non-substantive changes.

BACKGROUND:

The Riverside Water Quality Control Plant (RWQCP) provides treatment of domestic and industrial wastewater generated within the City of Riverside and the communities of Highgrove, Rubidoux, Edgemont, and Jurupa. This entails the operation of the primary, secondary, and tertiary treatment processes to produce high-quality treated effluent that complies with 100% of all State and Federal requirements. Current flow is approximately 46 million gallons per day.

DISCUSSION:

The rotation assembly that staff is requesting to purchase is one component of the centrifuge dewatering unit (centrifuge). The centrifuge was originally purchased and installed in 2006 and processes on average 216,000 gallons per day of sludge. The centrifuge requires maintenance service every 18,000-hours, at which time the rotating assembly must be rebuilt. In 2019, the Centrisys Corporation performed the 18,000-hour service on the centrifuge, and RWQCP was

informed that the rotating assembly components used to rebuild the assembly would no longer be available for future rebuilds. The rotating assembly is now exhibiting excessive wear and is due for the next service in September 2021.

RWQCP is recommending the purchase of a new rotating assembly since the current rotating assembly cannot be rebuilt. Should RWQCP need to rely on the back-up equipment when the centrifuge is inoperable (due to major service or repairs), there is an additional hauling cost of \$64,836.84 per month. Based on the current process averages, purchasing the new centrifuge rotating assembly beforehand will minimize potential downtime which correlates to payback within 3.6 months of operations.

Section 404 of Purchasing Resolution 23256 allows for the exception to competitive procurement “The Water, Electric and Sewer Utilities have a need for compatibility within their respective systems for uniform operation, maintenance and replacement, and this need can be met by procuring certain supplies, equipment, and materials supplies through Informal Procurement or Negotiated Procurement.” Section 404 proceeds to list supplies, equipment, and materials that qualify for this exception, and this list includes “Dewatering Equipment, Parts and Repairs.”

The Purchasing Manager concurs that the recommendation to approve complies with Purchasing Resolution 23256.

STRATEGIC PLAN ALIGNMENT:

This project aligns with City’s Strategic Priorities to provide a **High-Performance Government** and support **Infrastructure, Mobility, and Connectivity** as detailed below:

Goal 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 five Cross-Cutting Threads:

1. **Community Trust** – Conducting regular preventative maintenance routines ensures wastewater discharges do not negatively impact the community and environment. The RWQCP manages and protects capital assets through ongoing condition assessments and system maintenance by requiring all services and equipment to align with local laws and regulations.
2. **Equity** – The agreement supports RWQCP efforts in protecting the public’s health and the environment by ensuring critical infrastructure and equipment are operating efficiently and effectively.
3. **Fiscal Responsibility** – The agreement will target ways to reduce costs, minimize inefficiencies, and develop control methods to optimize operating processes and maintenance routines to protect City assets.
4. **Innovation** – The agreement exemplifies a collaborative partnership between RWQCP and Centrisys Corporation to enhance operational reliability by achieving measurable improvements through proper maintenance services and equipment checks.

5. **Sustainability & Resiliency** – The agreement supports continuous evaluation of performance measures and practices that can be managed and maintained for overall optimum performance and to meet future needs.

FISCAL IMPACT:

The total fiscal impact of the action is \$234,087.50. The funds are budgeted and available in the Sewer Fund, Sewer System-Plant Maintenance, Sewer Equipment Replacement expenditure account number 4125400-462210.

Prepared by: Gilbert Hernandez, Interim Public Works Director
Certified as to
availability of funds: Edward Enriquez, Chief Financial Officer/Treasurer
Approved by: Rafael Guzman, Assistant City Manager
Approved as to form: Phaedra A. Norton, City Attorney

Attachments: Professional Services Agreement