



**City of Santa Ana**  
**20 Civic Center Plaza, Santa Ana, CA 92701**  
**Staff Report**  
**January 18, 2022**

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**TOPIC:** Water Control Panel Building Services

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**AGENDA TITLE**

Approve Agreements with KDC Systems, Trimax, and Instrument Control Services for Water Resources Control Panel Building Services for a Total Amount not to Exceed \$750,000 for up to a Five-Year Term (Non-General Fund)

**RECOMMENDED ACTION**

Authorize the City Manager to execute agreements with KDC Systems, Trimax, and Instrument Control Services to provide control panel building services, for a three-year term beginning January 18, 2022, and expiring January 17, 2025, with provisions for one, two-year renewal period exercisable by the City Manager and City Attorney, with a shared aggregate amount not to exceed of \$750,000, subject to non-substantive changes approved by the City Manager and City Attorney.

**DISCUSSION**

The Public Works Agency's Water Resources Division oversees and maintains the daily operations of the City's water and sanitary sewer systems. The water system is composed of approximately 480 miles of water main, 21 groundwater wells, seven pump stations, 10 reservoirs with a storage capacity of 49 million gallons, four pressure regulating stations, and seven connection points to the Metropolitan Water District. The system has an average daily demand of 30 million gallons from its, roughly, 45,000 service connections. Control and monitoring of the water system is coordinated with the City's Supervised Control and Data Acquisition system.

The Water Resources Division utilizes numerous industrial control panels (i.e., motor control centers, remote terminal units, switchboards, and programmable logic computers) to control the various mechanical components of the water and sewer system (i.e., variable frequency drives, motor operated valves, magnetic flowmeters, and radio and communication equipment). As a result, the design, construction, and quality assurance testing of industrial control panels provided by certified contractors are crucial to the successful operation of the City's sewer lift stations, water well sites, water pumping stations, and pressure control stations.

On September 10, 2021, the Public Works Agency issued Request for Proposals (RFP) No. 21-100 for control panel building services services. The RFP was advertised on the City’s online bid management and publication system with bids due on October 8, 2021. System records indicate 21 vendors were notified and 20 vendors downloaded proposal files. Four proposals were received and evaluated by a selection committee. Based on the criteria as outlined in the RFP, three of the proposals received were categorized as responsive, and their respective scores are as follows:

| <b>FIRM</b>                 | <b>LOCATION</b> | <b>PROPOSAL SCORE</b> |
|-----------------------------|-----------------|-----------------------|
| KDC Systems                 | Los Alamitos    | 94                    |
| Trimax                      | Brea            | 84                    |
| Instrument Control Services | Ventura         | 83                    |

In accordance with the RFP scores, staff recommends entering into agreements with KDC Systems, Trimax, and Instrument Control Services to provide control panel building services for the Water Resources Division (Exhibits 1, 2 and 3).The proposals demonstrated high levels of technical competency and experience performing similar services. The proposals contained a clear path toward achieving City goals and objectives, as required by the RFP.

**ENVIRONMENTAL IMPACT**

There is no environmental impact associated with the action.

**FISCAL IMPACT**

Funds are budgeted and available for expenditure in the current fiscal year and will be budgeted in future fiscal years, including the renewal option, based on the needs of the Water Resources Division. The following is an estimate of expenditures by fiscal year:

| <b>Fiscal Year</b>     | <b>Accounting Unit - Account #</b> | <b>Fund Description</b> | <b>Accounting Unit, Account Description</b>                       | <b>Amount</b> |
|------------------------|------------------------------------|-------------------------|-------------------------------------------------------------------|---------------|
| Contract (3-Year Term) |                                    |                         |                                                                   |               |
| 2021-22<br>(Jan-June)  | 06017640-62300                     | Water Fund              | Water Utility Production & Supply, Contract Services-Professional | \$75,000      |
| 2022-23<br>(July-June) | 06017640-62300                     | Water Fund              | Water Utility Production & Supply, Contract Services-Professional | \$150,000     |
| 2023-24<br>(July-June) | 06017640-62300                     | Water Fund              | Water Utility Production & Supply, Contract Services-Professional | \$150,000     |

| <b>Fiscal Year</b>          | <b>Accounting Unit - Account #</b> | <b>Fund Description</b> | <b>Accounting Unit, Account Description</b>                       | <b>Amount</b>    |
|-----------------------------|------------------------------------|-------------------------|-------------------------------------------------------------------|------------------|
| 2024-25<br>(July-Jan)       | 06017640-62300                     | Water Fund              | Water Utility Production & Supply, Contract Services-Professional | \$75,000         |
| Optional Two-Year Extension |                                    |                         |                                                                   |                  |
| 2024-25<br>(Jan-June)       | 06017640-62300                     | Water Fund              | Water Utility Production & Supply, Contract Services-Professional | \$75,000         |
| 2025-26<br>(July-June)      | 06017640-62300                     | Water Fund              | Water Utility Production & Supply, Contract Services-Professional | \$150,000        |
| 2026-27<br>(July-Jan)       | 06017640-62300                     | Water Fund              | Water Utility Production & Supply, Contract Services-Professional | \$75,000         |
| <b>Total:</b>               |                                    |                         |                                                                   | <b>\$750,000</b> |

**EXHIBIT(S)**

1. Agreement with Instrument Control Services
2. Agreement with Trimax
3. Agreement with KDC Systems

Submitted By: Nabil Saba, P.E., Executive Director – Public Works Agency

Approved By: Kristine Ridge, City Manager