



Staff Report

File #: 22-0101

**REQUEST FOR CITY COUNCIL AND
CORONA UTILITY AUTHORITY ACTION**

DATE: 02/02/2022

TO: Honorable Mayor and City Council Members
Honorable President and Board Members

FROM: Public Works Department & Utilities Department

SUBJECT:
First Amendment to the Maintenance/General Services Agreement with Augustine General Engineering.

EXECUTIVE SUMMARY:

Consideration for approval of a First Amendment to the Maintenance/General Services Agreement with Augustine General Engineering to increase the total compensation by \$175,860 to perform utility retrofit work needed to facilitate the construction of the Prado Dam Spillway Project, which will be locally sponsored by the Orange County Flood Control District, a division of Orange County Public Works. The Prado Dam Spillway Project will commence in Summer 2022, and construction of the project will increase the ability to impound water at Prado Dam, thus creating a potential for City of Corona utilities located in the flood inundation area to become flooded. Orange County Public Works executed a reimbursement agreement with City of Corona on December 1, 2021, to reimburse the City for costs incurred to retrofit City facilities located in the flood inundation area.

RECOMMENDED ACTION:

That the:

- a. City Council approve the First Amendment to the Maintenance/General Services Agreement with Augustine General Engineering of Alta Loma, CA, to increase the total compensation by \$175,860 to perform the City of Corona utility retrofit work to facilitate construction of the Prado Dam Spillway Project by the US Army Corps of Engineers.
- b. City Council authorize the City Manager, or his designee, to execute the First Amendment to the Maintenance/General Services Agreement with Augustine General Engineering for a total contract amount of \$375,860 and approve necessary change orders up to 25% of the contract

increase, or an additional \$43,965, as a contingency for any potential unknown site conditions encountered during construction of the proposed project.

- c. City Council authorize the Purchasing Manager to issue a change order to the on-call/emergency essential systems repair services blanket purchase order for Augustine General Engineering for Fiscal Year 2022 in the amount of \$175,860 to perform the utility retrofit work.
- d. Corona Utility Authority review, ratify, and to the extent necessary, direct the City Council to take the above actions.

BACKGROUND & HISTORY:

The United States Congress authorized the US Army Corps of Engineers (Corps) in the Water Resources Development Act of 1976 to address flood control issues in the Santa Ana River drainage. The Corps completed studies in 1980 and 1986 which led to authorization by Congress to construct a variety of flood control improvements in the Santa Ana River basin, one of which is a project to raise the spillway at Prado Dam by 10 feet from elevation 556 feet above mean sea level (MSL) to elevation 566 feet above MSL to increase water storage capacity behind Prado Dam from 217,000 acre-ft to 362,000 acre-ft. The US Army Corps of Engineers, with Orange County Flood Control District (OCFCD) as the local sponsor, will commence the construction of the Prado Dam Spillway Project in Summer 2022.

Construction of the Project will enable the Corps to increase the impoundment of water at Prado Dam for flood control protection downstream of Prado Dam, but the higher spillway elevation creates the potential to flood previously protected areas within the Temescal Wash in Corona and the Santa Ana River in Norco, between the elevations of 556 feet and 566 feet MSL. Orange County Public Works and the Corps contacted the City to determine the impact to existing City utilities if flooding to the new spillway elevation were to occur. The Corps requires the implementation of mitigation measures to relocate or protect in place public utilities within the additional area subject to flooding after construction of the Project. City staff has identified City-owned water, reclaimed water, and sewer facilities within the new flood zone that will need to be relocated or protected in place. OCFCD and the Corps have concurred with the mitigation measures proposed by the City and have agreed to reimburse the City for costs incurred to relocate or protect City utilities. The Corps and OCFCD are required to execute the reimbursement agreement by December 31, 2021, and certify that the retrofit work for the affected utilities has been completed before the Prado Dam project commences on July 1, 2022.

ANALYSIS:

On December 1, 2021, City Council approved the Reimbursement Agreement with OCFCD for Corona to perform the utility retrofit work needed to facilitate the construction of the Prado Dam Spillway Project. In conjunction with the Reimbursement Agreement, the City prepared exhibits showing the impacts of potential future flooding to City-owned potable water, reclaimed water, and sewer facilities within the 556 to 566-foot MSL elevations including proposed mitigation measures. The most extensive utility retrofit work will involve the replacement of twenty-one (21) unsealed sewer

manhole lids and frames with sealed lids and frames.

Hatches, manholes, and electrical equipment pads at the existing Stagecoach sewer lift station are at an approximate elevation of 565 feet MSL and would be affected if water reaches the top of the spillway elevation. City staff proposes to construct an 18-inch high concrete curb along Stagecoach Drive adjacent to the lift station and in the planted median between the curb and sidewalk to protect the lift station.

The reclaimed water flow control station located on the west side of River Road near the intersection of Bluff Street and River Road in Norco would be subject to flooding from the Santa Ana River, but is proposed to remain in place. Staff considered the alternative to relocate the flow control station to a higher elevation on the east side of River Road on City of Norco property and concluded the estimated relocation cost of more than \$700,000 was excessive and that replacement of electrical equipment would be a more economical option if flooding were ever to occur. The City will receive from the District an upfront one-time reimbursement to pay for the estimated cost of electrical equipment damages that could result from a single future flood event.

Other retrofit work will include raising three (3) potable water air/vacuum valves by one foot in their existing locations and relocating one (1) reclaimed water air/vacuum valve approximately 200 feet to a new location above the flood inundation zone.

Request for Proposal (RFP) 21-057RH was advertised pursuant to Corona Municipal Code (CMC) 3.08.110 non-public projects formal bidding procedure requirements on March 3, 2021. The RFP was publicly solicited for contractors to submit a competitive proposal to perform on-call/emergency services on essential systems, which consist of potable water, reclaimed water, and wastewater infrastructure. The proposal closing date was March 24, 2021. The City received eight (8) proposals by the submission date of March 24, 2021. Among the eight (8) contractors that submitted a proposal, the Utilities Department (UD) ranked Valverde Construction, Augustine General Engineering, and W.A. Rasic Construction Company as the top three (3) candidates to receive a Maintenance/General Services Agreement (M/GSA). On June 2, 2021, City Council awarded an M/GSA in the amount of \$200,000 each to Valverde Construction, Augustine General Engineering, and W.A. Rasic Construction Company.

The City received additional proposals for the utility retrofit work from Augustine General Engineering in the amount of \$175,860 and Valverde Construction in the amount of \$203,040. Both contractors have Maintenance/General Service Agreements with the City awarded through RFP 21-057RH and are eligible to perform the proposed utility retrofit work without having to go through a separate RFP process. Staff recommends Augustine General Engineering for this project and increasing the contract value for their On-Call/Emergency Essential Systems Repair Services contract in the amount of \$175,860 to perform the proposed utility retrofit work, for a total contract value of \$375,860.

FINANCIAL IMPACT:

The financial impact of this action is an increase of \$175,860 to the On-Call/Emergency Essential Systems Repair Services contract with Augustine General Engineering. This increase will come from

the appropriated budget for the CIP titled "Prado Dam Flood Inundation Utility Retrofit," approved by City Council on December 1, 2021. All costs for this project will be reimbursed to the City by OCFCD.

ENVIRONMENTAL ANALYSIS:

This action is categorically exempt pursuant to Section 15301(d) of the Guidelines for the California Environmental Quality Action (CEQA), which states that "Restoration or rehabilitation of deteriorated or damaged structures, facilities, or mechanical equipment to meet current standards of public health and safety unless it is determined that the damage was substantial and resulted from an environmental hazard such as earthquake, landslide, or flood" is therefore exempt from CEQA. This action involves repairs/rehabilitation to existing structures to meet the current standard of public health and safety and therefore is exempt from the requirements of CEQA. Therefore, no environmental analysis is required.

PREPARED BY: VERNON R. WEISMAN, P.E., DISTRICT ENGINEER

REVIEWED BY: SAVAT KHAMPHOU, PUBLIC WORKS DIRECTOR

Attachments:

1. Exhibit 1 - Augustine General Engineering Proposal
2. Exhibit 2 - Valverde Construction Proposal
3. Exhibit 3 - First Amendment to the M/GSA
4. Exhibit 4 - Executed Reimbursement Agreement with OCFCD