



Staff Report

TO: City Council

FROM: Thaxton Van Belle, Director of Water Reclamation
Kenyon Potter, Principal Engineer

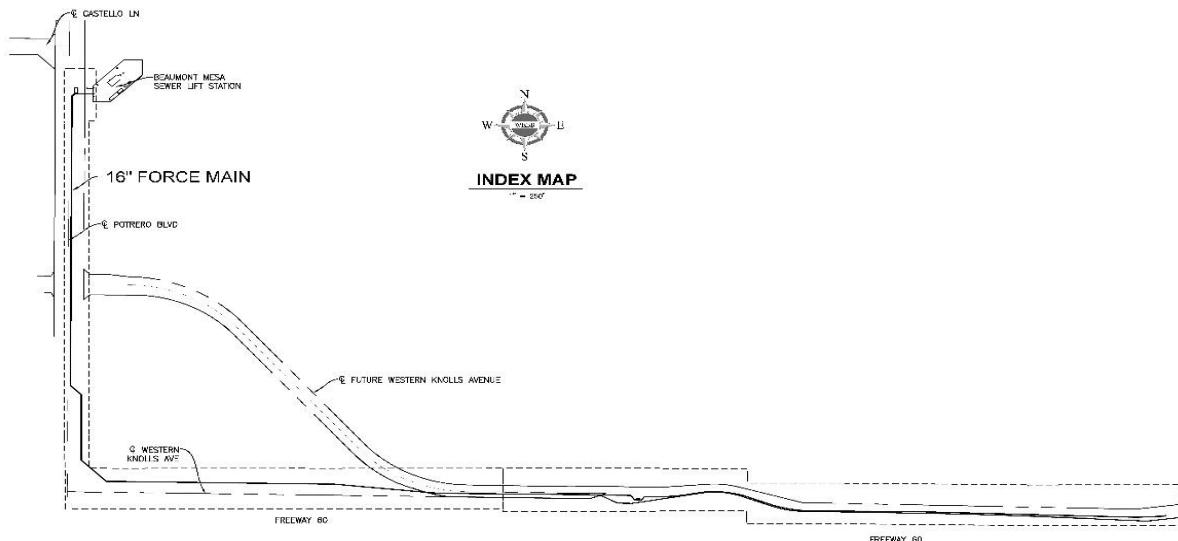
DATE February 4, 2025

SUBJECT: Deductive Change Order No. 1 to Contract with Weka, Inc., Amendment No. 1 to PSA with Webb Associates, and Notice of Completion for the Mesa Lift Station 16" Force Main Project (CIP WW-09)

Description Approval of Deductive Change Order No. 1 to Contract with Weka, Inc. in the Amount of \$(87,182.29), Amendment No. 1 to PSA with Webb Associates, and Notice of Completion (NOC) for the Mesa Lift Station 16" Force Main Project (Project).

Background and Analysis:

On October 17, 2023, City Council approved a Public Works agreement with Weka, Inc. (Contractor), for construction services of the Mesa Lift Station 16" Force Main Project under CIP WW-09. The Mesa Lift Station 16" Force Main Project was substantially completed on October 7, 2024. The Project comprised a segment of approximately 1.6 miles of pressure pipeline force main along Potrero Blvd and Western Knolls Ave to complete the 16" force main between Mesa Lift Station and WWTP as well as constructing several manholes at 4th Street. The pipeline segment is shown in the image below:



The contract for the Mesa Lift Station 16-in Force Main Project (CIP WW-09) was bid separately from the contract for the Mesa Lift Station Upgrade Project (CIP WW-11) since the existing 12” force main had reached capacity and there was urgency in completing the 16” force main.

Mesa Lift Station Force Main Project Change Order No. 1:

Item #1 – COR #1 Extra Work Bills For Unforeseen Conditions/ Utility Conflicts:

The original design for the 16” Force Main had an alignment 4 foot offset from the center line of the existing and active 12” line. Potholing by contractor of the design alignment indicated that the 12” existing line indicated a closer proximity at multiple locations. It was decided during construction that the offset of the new 16” force main from the existing 12” force main would be increased to approx. 7 foot to avoid potential conflicts with existing 12” force main and to assure a safety margin during trenching. However, there were various other unknown and unmarked utilities encountered during construction which had to be supported and crossed underneath as well as additional paving restoration. The cost for this work is \$147,217.71. (Attachment A)

Item #2 – COR #2 Reduction in Final Quantities:

The final quantities of bid items 3, 27, and 28 were reduced. For bid item 3 the project included an estimated quantity of 7,555 linear feet of 16” C-900 pipe installation. Approximately 6,755 linear feet of 16-inch force main was installed which was 800 linear feet less than the estimated quantity resulting in a reduction in the final quantity. Additionally, bid items 27 and 28 were originally included as a precaution in the event of large changes in trench depth, and these bid items were not used resulting in a savings of \$20,000. The total value of this deductive work is \$-234,400.00. (Attachment A)

Summary of Change Order No. 1 Costs:

The cumulative amount associated with this deductive change order is in the amount of \$(87,182.29) and will not impact the project budget. The credit from the Contractor for COR #2 is factored in and fully offsets the cost of extra work bills. The summary and details for each change order are attached.

Change Order No. 1 Summary

COR No.	Description	Reason for Change	Amount
1	Various Extra Work Bills for Utility Conflicts	Utility conflicts	\$147,217.71
2	Length of Pipe and Unused Bid Items	Reduction in quantities	\$ -234,400.00
Total			\$ -87,182.29

Amendment No. 1 to Webb Associates:

Regarding the increase in offset of the alignment, staff determined it is prudent to issue revised drawings rather than field directive to accomplish the change so that as-built documentation would be more accurate and CAD files would be available for future public works projects on Potrero Blvd and Western Knolls. The offset required Webb Associates' review of contractor's pothole data, conduit site visits and reissue drawing sheets. Additionally, the unknown and unmarked utilities required design time relocated a manhole and air vent at Nicholas. Webb performed the additional services and issued revised drawing sheets. Webb Associates submitted a proposal to amend the PSA in the amount not to exceed \$12,500.00 (Attachment B).

Notice of Completion

The Contractor completed the Force Main Project's scope of work satisfactorily per plans and specifications, and a Notice of Completion (NOC) document has been provided (Attachment C). It is noted that the Contractor has acknowledged responsibility for damage to SCE's utility pole adjacent to the Mesa Lift Station caused by its construction activities and has committed to pay SCE directly for the utility pole replacement after receipt of SCE's invoice. The utility pole has been replaced by SCE at an estimated replacement cost of \$29,170. (Attachment D). However, the Contractor has not yet received SCE's invoice for the pole replacement. If Contractor does not receive SCE's invoice and has not paid SCE for the utility pole replacement prior to release of retention, the City intends to withhold from retention the estimated replacement cost for the utility pole in the event that SCE subsequently bills the City.

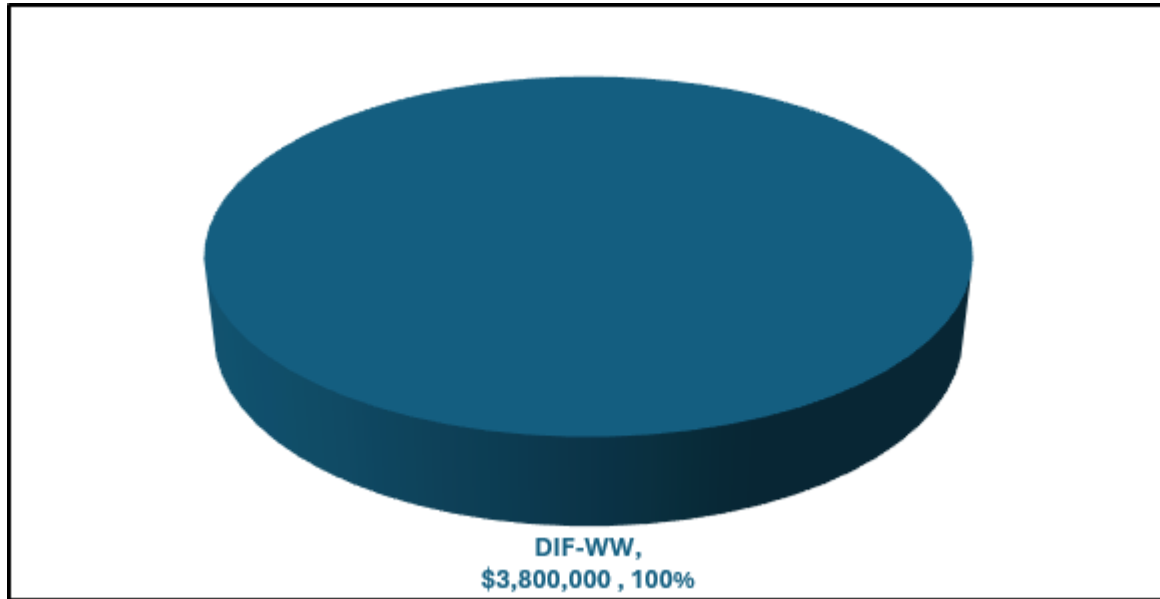
Fiscal Impact:

The CIP budget for this project is \$3,800,000.00. The CIP budget had an approved contingency of \$360,000.00. Because of the reduction in certain bid item quantities, the full contingency will remain unused after the issuance of the proposed change order No. 1 to Weka Inc. and the Amendment No. 1 to the PSA with Webb Associates.

The estimated cost to prepare this staff report is \$700.

The project accounting below represents the status of funds prior to the deductive change order and amendment to Webb that staff is requested be approved by City Council.

CIP WW-09 Mesa Force Main Construction Project Funding Summary
Estimated Total Project Budget= \$3,800,000
Current Project Budget= \$3,800,000



CIP WW-09 Mesa Force Main Construction Project Budget Summary

Project Component	Est. Total Budget	Current Budget	Paid to Date	Remaining Budget
Project Management				
Preliminary Services				
Environmental				
Design				
Permits				
Right-of-Way				
Construction	\$3,600,000	\$3,600,000	\$(3,035,123)	\$564,877
Construction Management	\$200,000	\$200,000	\$(97,824)	\$102,176
Equipment				
Total	\$3,800,000	\$3,800,000	\$(3,132,947)	\$667,053

Recommended Action:

Approve Change Order No. 1 to the contract with Weka Inc. for the Mesa Lift Station 16" Force Main Project in the deductive amount of \$(87,182.29), approve Amendment No. 1 to the PSA for Webb Associates in an amount not to exceed of \$12,500.00, and authorize the Mayor to execute a Notice of Completion for the Mesa Lift Station 16" Force Main Project.

Attachments:

- A. Change Order No. 1 to Weka Inc.
- B. Amendment No. 1 including proposal from Webb Associates
- C. Notice of Completion for the Mesa 16" Force Main Project (CIP WW-09).
- D. SCE pole replacement cost