

Recycled Water Transmission Main Southwest SW1C Project Change Order #1 Summary

Project Description

The Department of Public Utilities (DPU), Wastewater Management Division awarded the \$4,198,175 construction contract to Garney Construction for the construction of the Recycled Water Transmission Main Southwest SW1C project located primarily traveling east in Belmont Avenue from Marks Avenue under Highway 99 and into Roeding Park. The Award was on 4/21/16 the NTP was issued 5/31/16. The purpose of the project is to construct 1.5 miles of recycled water transmission main from Belmont and Marks Avenues down Belmont into Roeding Park. After completion of this third recycled water distribution project the system will be brought on line to deliver Title 22 recycled water to the users on the system including Roeding Park, the Zoo and Storyland/Playland. The original duration of this project was 110 working days putting the completion at 11/2/16. This is the first change order issued for this project. This 1st change order is for \$269,717.81.00 and no additional days. The change order will total 6.4% of the original contract which does not require council approval.

Change Order #1 Item Descriptions

Item #1 – 950 LF of 24 inch and 3 service connections:

This change adds \$246,511.62 and no additional contract time.

This change provides compensation to the contractor for the modifications necessary to increase the pipe within Roeding Park from 12 and 10 inch to 24 inch. The compensation also includes an 8-inch service connection and two 4-inch service connections. These changes became necessary after the project bid due to High-Speed Rail development plans, which have dictated that the main trunk line conveying recycled water to downtown Fresno be re-routed to Dennett Ave from Roeding Park. The additional services were also negotiated after the bid was awarded. The contractor submitted a cost proposal which was reviewed and approved by the CM and accepted by the City.

Item #2 – Recycled Water Service Highway 99:

This change adds \$19,192.77 and no additional contract time.

After the bid award the reclamation coordinator was able to secure the Caltrans customer commitment to use recycled water at the Highway 99 crossing landscaping areas. Therefore, the City directed the contractor to add a 6" recycled water service. Adding this service connection prior to procurement of the RWTM piping allows the branch connection to be added during shop fabrication and avoids the additional effort and quality issues that would be associated with adding this planned service connection

in the future. The contractor submitted a cost proposal which was reviewed and approved by the CM and accepted by the City.

Item #3 – Commercial Truck Fill Stations:

This change adds \$4,013.12 and no additional contract time.

This change provides compensation to the contractor for the substitution of commercial truck fill stations in place of recycled water fire hydrants. During design the Fire Department agreed to the use of “purple” fire hydrants. After award of the contract Fire determined the additional regulations and initial uncertain reliability of the recycled water system decided to eliminate the hydrants. It was decided to convert the locations to commercial water truck fill stations. The fire hydrants had already been purchased by the contractor and will be delivered to the Water Division. The contractor submitted a cost proposal which was reviewed and approved by the CM and accepted by the City.

TOTALS FOR CONTRACT CHANGE ORDER NO.1

DOLLAR INCREASE - \$269,717.81.00

TIME INCREASE – 0 days