

# Santa Margarita Water District

## MEMORANDUM



**TO:** Board of Directors

**DATE:** June 1, 2016

**FROM:** Don Bunts

**SUBJECT:** Consideration and Action on Construction Services for the Plano Lift Station Force Main Tijeras Creek Crossing Improvements, C-1256.06

### **SUMMARY**

**Issue:** The prime construction contract for this project has been completed by Olsson Construction, Inc. (OCI) and is ready for acceptance by the District. There is a need to account for changed conditions during construction, both additive and deductive, which necessitates that Change Order No. 2 be issued.

**Recommendation:** 1) Approve Change Order No. 2 for OCI in the credit amount of <\$28,683.63>. 2) Accept the work, file Notice of Completion, and release retention funds 35 days after the Notice of Completion has been filed, provided no claims have been filed with the District.

**Fiscal Impact:** Funding for the Plano Lift Station Force Main Relocation project is included in the Capital Replacement Reserve portion of the Fiscal Year 2014/15 Five Year Capital Improvement Program.

**Previously related Action:** In October 2014 the Board awarded the construction services contract for the Plano Lift Station Force Main Tijeras Creek Crossing Improvements to OCI. In November 2015, the District approved Change Order No. 1 to construct the Canada Vista Lift Station to support SAMLARC's restroom facilities at the Canada Vista Park.

### **Adherence to Policy:**

- This project is consistent with the District's mission
  - "... to collect and treat wastewater to protect the environment and public health."
  - "Provide a high level of service with maximum cost effectiveness."
  - "Plan for the future to guarantee a safe and sufficient water supply and wastewater reclamation service."
- This project is consistent with the District's Purchasing Policy and Procedures. This proposed project is consistent with the District's Purchasing Policy because it: was competitively bid was identified in the current fiscal year's CIP and is more than \$49,999 and requires Board approval.

**Committee Status:** The Engineering and Operations Committee (EOC) approved this item on May 9, 2016.

### **DISCUSSION**

The project has been successfully completed and within the required timeframe requirements, and to the satisfaction of the State Water Resources Control Board.

The changed work components necessitating Change Order No. 2 are listed in the attached **Exhibit A**. The key items to note are interferences in the subterranean which are typical in underground construction, enhancements to the vaults not included in the original design, and unused portions of allowance items that were budgeted into the original work scope.

### **FUNDING**

Funding for the Plano Lift Station Force Main Relocation project is included in the Capital Replacement Reserve portion of the Fiscal Year 2014/15 Five Year Capital Improvement Program (Project Code – PC G00D61).

#### *Norman A. Olsson Construction Inc. Contract Summary*

<b>Description</b>	<b>Cost</b>	<b>% Increase</b>
<b>Original Contract Amount</b>	\$3,328,600.00	
<b>Change Order No. 1</b>	\$134,610.00	
<b>Change Order No. 2</b>	(\$28,683.63)	
<b>Revised Contract Amount</b>	\$3,434,526.37	3.18%

# EXHIBIT A

## Olsson Construction

### Change Order/Extra Work Reconcile Worksheet Summary

Description	Type	Charge to SMWD	Credit to SMWD	Adjusted Total to SMWD
COR #1 OX/BF for Bridge Abutment per Soil Tech Recommendation	1	\$ 6,700.14		\$ 6,700.14
COR # 2 Conc. Vault Upgrades plus Valve Credits	4	\$ 17,883.01		\$ 24,583.15
COR #3 F&I 24" FM Slope Anchors	4	\$ 16,234.38		\$ 40,817.53
COR #5 EX. Conduit Relocation and Repair due to Conflict with Conc. Vault (plug)	1	\$ 3,461.15		\$ 44,278.68
COR #6 R/R FM 1 Stl Pipe	1	\$ 6,070.40		\$ 50,349.08
COR #7 F&I Extra 24 LF of WI Fence	4	\$ 2,644.18		\$ 52,993.26
COR #8 Restore Clay Box	4	\$ 3,329.19		\$ 56,322.45
COR #9 F&I Two Removable Guard Posts	2	\$ 1,829.51		\$ 58,151.96
Contingency Allowance Item Credit -GMU Geotech Service	5		\$ (726.25)	\$ 57,425.71
Contingency Allowance Item Credit - North Staging Area	5		\$ (35,050.00)	\$ 22,375.71
Contingency Allowance Item Credit - Conc. Pavement Replacement	5		\$ (23,700.00)	\$ (1,324.29)
Allowance Item Credit- Mini Lift Station PLC/RTU	5		\$ (25,000.00)	\$ (26,324.29)
Vactor Truck by SMWD	5		\$ (5,000.00)	\$ (31,324.29)
SAMLARC Direct Payment To SMWD for Conc. Pavement(\$8,400.00) Less Sprinkler Repairs(\$3,118.67), 50/50 Split	5		\$ 2,640.66	\$ (28,683.63)
<b>Grand Total</b>		<b>\$ 58,151.96</b>	<b>\$ (86,835.59)</b>	<b>\$ (28,683.63)</b>

Change Order Types:

- 1 - Unpredictable Subterranean Conditions.
- 2 - Not Considered in Design / Added Benefit & Efficiency
- 3 - Design Oversight / Errors & Omissions / Potentially Reimbursable
- 4 - Design Oversight / Errors & Omissions / Not Reimbursable
- 5 - Unused or Rebudgetted Contingency or Allowance Item