



Town Council Agenda Report

Date: April 14, 2020 Item No. 7

To: Honorable Mayor and Town Council

Subject: CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE APPLE VALLEY DESERT WATER REUSE PROJECT - CONTRACT AMENDMENT NO. 1.

From: Douglas Robertson, Town Manager

Submitted by: Brad Miller, Town Engineer
Engineering Department

Budgeted Item: Yes No N/A

RECOMMENDED ACTION

Approve Amendment No. 1 to the June, 2019, agreement between the Town of Apple Valley and Parsons Transportation Group for Construction Management and Inspection Services on the Apple Valley Desert Water Reuse Project for an amount not-to-exceed \$133,530.00.

BACKGROUND

On June 25th, 2019, the Town of Apple Valley entered into an agreement with Parsons Transportation Group for Construction Management and Inspection Services on the Apple Valley Desert Water Reuse Project for an amount not-to-exceed \$385,467.00. Parsons services were based on an expected 165 working days (33 weeks) construction schedule and construction activities were anticipated to be completed by the end of March 2020.

ANALYSIS

The purpose of Amendment no. 1 is to support additional construction management and inspection services for the project. The construction contractor has submitted their monthly schedule update and it shows a revised construction completion date of May 5, 2020. Reasons for such delay and impacts to the project scope and schedule are as follows:

- Per Victor Valley Water Reclamation Authority's (VWRA) request, the project design engineer added two new vaults, meters, and Motor Operated Valves

(MOVs). The lead-time for the vaults, meters, and the MOVs significantly impacted the construction schedule.

- Per VVWRA's request, the project design engineer added additional fiber optics conduits and test stations which increased the scope.
- Due to the additional scope of work, the project resident engineer (RE) had to spend additional hours reviewing and processing additional change orders and conduct special field meetings to resolve issues due to unforeseen site conditions.
- Parsons original budget assumed a need for a half time RE. However, with the many challenges, the RE has had to spend over the anticipated level of services required. This amendment will allow the RE to spend the needed full-time effort on the job to complete the project within the revised schedule.

The amendment's additional fee, for an amount not-to-exceed \$133,530.00, includes Inspection services through May 15 and Construction Management/RE services through the end of May 2020. The amendment brings the contract amount to a total of \$518,997.00, which equates to 15.3% of the construction amount and is within industry average.

FISCAL IMPACT

After current budget analysis, staff determined that there are sufficient Waste Water funds to support this amendment.

ATTACHMENTS

- A. Parsons amendment request letter with breakdown of additional tasks, hours and amounts.

Attachment A

Parsons amendment request letter

March 4, 2020

Mr. Brad Miller
Town of Apple Valley
Engineering Division
14955 Dale Evans Parkway
Apple Valley, CA 92307

Subject: Recycled Water Conversion Construction Management and Inspection Services for the Apple Valley Desert Water Reuse Project – Amendment No: 1

Dear Brad,

This letter is to request for amendment #1 to support the additional construction management and inspection services for the Recycled Water Conversion.

As you are aware that the contractor has submitted his monthly schedule update and it shows the revised completion date of May 5, 2020. Following are the reasons for the delay:

1. As per the request from Victor Valley Water Reclamation Authority, the design engineer added two new vaults, meters, and MOVs. The lead time for the vaults, meters, and the MOVs significantly impacted the construction schedule.
2. As per the request from Victor Valley Water Reclamation Authority, the design engineer added additional fiber optics conduits and test stations which increased the scope.
3. Due to additional scope of work, our resident engineer had to spend additional hours in reviewing and processing the additional change orders (20 CCOs).
4. Conduct special meetings out in the field to deal with unknown conditions.
5. The additional fee includes inspection services through May 15 and RE services through end of May 2020.
6. Our original budget assumed a need for a half time RE. However, with the many challenges, our RE has had to spend over the anticipates level of services required. This request will allow our RE to spend the needed full-time effort on the job to complete the project within the revised schedule.

A detailed breakdown of the additional tasks, hours, and amounts for the added scope is attached.

The following table summarizes the existing budget along with costs for the additional work for the developing of recycled water storage tanks and pump station sites.

We appreciate this opportunity to continue to work with you and look forward to the successful completion of this project. If you have any questions, please call me at (909) 218-3650 or on my cell at (909) 782-0460.

Sincerely,



Ernest A. Figueroa, JD, RLA
Project Manager
Ernie.figueroa@parsons.com

Town of Apple Valley - Recycled Water Conservation at Thunderbird, Civic Center, and Brewster Parks

Proposed Additional Budget for Construction Management and Inspection

Parsons		Pre-construction		Construction		Post Construction		Total	
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Total Cost
EF	Ernie Egueroa		\$ -	10	\$ 2,650		\$ -		\$ 2,650
AK	Azhar Khan		\$ -	20	\$ 4,800		\$ -		\$ 4,800
BL	Bill Lu		\$ -		\$ -		\$ -		\$ -
ZM	Zack Mazaraani		\$ -	250	\$ 42,500	80	\$ 13,600		\$ 56,100
INS	Inspector - Pipeline/Tank		\$ -	270	\$ 35,640		\$ -		\$ 35,640
INS	Inspector - Electrical		\$ -	120	\$ 15,840		\$ -		\$ 15,840
ADM	Admin. Support		\$ -		\$ -		\$ -		\$ -
AM	Ablish Mohindroo		\$ -		\$ -		\$ -		\$ -
Materials Testing and Social Inspection (Group Delta)									
	Soil compaction tests and special structural inspection						Sub Markup		\$ -
Other Direct Costs (Parsons)									
	Subconsultant Management	0	\$ -		\$ -		\$ -		\$ -
	Supplies	LS		LS		LS			\$ -
	Mileage/Vehicle	LS		LS	\$ 18,500	LS			\$ 18,500
								0	\$ 133,530

Assumptions:

- The additional fee includes additional RE hours between December and March due to additional change orders
- The additional fee includes RE hours for April and May 2020 due to change in project completion from March 2020 to May 2020
- The additional fee includes inspector hours for the month of April and up to May 15, 2020.
- ODOs include lump sum charges for vehicle, mileage, and other travels related expenses for RE and inspector
- The additional budget is based on revised project completion date of May 15, 2020.