

Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS

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October 26, 2018

Mr. Michael Wegley, PE
District Engineer
Marina Coast Water District
2840 4th Avenue
Marina, CA 93933

Subject: Ord Village Lift Station – Force Main Alignment Change

Dear Mike:

The purpose of this letter is to document the design scope change for the Ord Village Lift Station. The Ord Village project as originally scoped was for connecting the force main to the M1W Seaside Interceptor pipeline, and adding variable frequency drives and controls to the existing pumps. After meeting with Monterey One Water, the scope was revised to be replacement of the existing force main. After laying out the replacement force main alignment and considering construction near the gas main, and maintenance access through the trees and on the Seaside Senior Living property, an alternative alignment was proposed in Monterey Road. The revised alignment is now in Monterey Road, Bougainville Road, Buna Loop and Kiska Road.

The Ord Village alignment changes have required two additional rounds of field surveying to update the topographic base map and amend the Ord Community easements, and will require additional drafting effort to prepare plan and profile sheets along the new alignment. Fortunately, Whitson Engineers had an aerial survey scheduled for the Lower Stilwell project, so these areas will be completed in the next few weeks. The estimated cost for the additional Ord Village effort is \$22,800, as broken out on the attached fee estimate. We request an amendment to that task order to cover the additional effort.

If you have any questions, please feel free to contact me at 831-883-4848, or asterbenz@swwsv.com.

Sincerely,
Schaaf & Wheeler



Andrew A. Sterbenz, PE
Senior Project Manager

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Client: MCWD
Project: Ord Village Lift Station
Task: Additional Work due to Realignment
Estimate Date: 8/24/2018

NO.	TASK ITEMS DESCRIPTION	PRINCIPAL PRJ MGR \$216.80	SENIOR PRJ MGR \$206.80	SENIOR ENG \$192.70	ASSOC ENG \$173.90	ASST ENG \$155.10	JUNIOR ENG \$145.70	SUBTOTAL M.H.'S	IN-HOUSE LABOR COSTS \$	IN-HOUSE MATERIAL COSTS \$	WHITSON ENGINEER SURVEY	TOTAL COSTS \$ W/ MARK-UP	TASK TOTAL
1	Project Management and Meetings												\$0
	Contracting							0	\$0			\$0	
	60% Review Meeting							0	\$0			\$0	
	90% Review Meeting							0	\$0			\$0	
2	Basis of Design Memo												\$0
	Analysis and Memorandum	0	0					0	\$0			\$0	
3	Plans, Specifications, Estimates												\$22,713
	60% Design Package		16			40		56	\$9,513		\$12,000	\$22,713	
	95% Design Package							0	\$0			\$0	
	Final Bid Documents							0	\$0			\$0	
4	Permitting Support												\$0
	Attend meetings and prepare exhibits, as needed							0	\$0			\$0	
5	Bid Phase Services												\$0
	Pre-Bid Conference							0	\$0			\$0	
	Respond to RFI's (assume 2)							0	\$0			\$0	
	Prepare Addenda (assume 2)							0	\$0			\$0	
	Bid Evaluation							0	\$0			\$0	
6	Engineering During Construction												\$0
	Pre-Construction Meeting							0	\$0			\$0	
	Submittal Reviews							0	\$0			\$0	
	Site visits/meetings (assume 3)							0	\$0			\$0	
	Respond to RFI's (assume 4)							0	\$0			\$0	
7	Prepare Record Drawings												\$0
	Post Contractor's as-built mark-ups							0	\$0			\$0	
	Total	0	16	0	0	40	0	56	\$9,513	\$0	\$12,000	\$22,713	
ROUNDED TOTAL												\$22,800	

10.0%