



June 15, 2017
Marina Coast Water District
Brian True, P.E., Capital Projects Manager
2840 4th Avenue
Marina, CA 93933

**RE: Contract Amendment for Construction Support Services
East Garrison – Phase I & Phase III**

Brian –

Per our discussions, our current authorized budget for East Garrison Phase I has been exceeded. We estimate that to complete our services we will require additional authorization in the amount of \$34,000. This is based on our current billings and the number of homes/associated appurtenances/facilities yet to be built.

Our scope for Phase I will include:

- Review of meter installation requests
- Review of installed water conserving fixtures
- Review of irrigation & fire station connections
- Final walk-thru with the District and the contractor
- Redline drawings for record set
- Inspection/verification of the contractor's post-construction landscape/conservation process compliance

In addition, you have requested that we provide an estimated budget for construction management and inspection services for a period of approximately 6 weeks for East Garrison Phase III. Our estimated budget for this effort is \$34,350 based on a level of effort consistent with other phases of East Garrison construction.

Our scope for Phase III will include:

- Submittal & RFI reviews
- Civil and Landscape Inspection – including Daily Reports, progress photos documenting the contractor's progress, verification of materials

The total budget for both tasks would be \$68,350. A detailed breakdown of the budgets proposed for Phase I and Phase III is attached. We will perform this work on an "hourly not-to-exceed" basis. Please feel free to contact me at (831) 419-7234 with any questions you may have.

Regards,
Harris & Associates

Dana Van Horn, PE, QSD
Construction Manager

Attach

MARINA COAST WATER DISTRICT
EAST GARRISON PHASE I - CM SERVICES
Additional Budget Request

90 homes	1.5 hrs/home	\$160/hr	\$ 21,600.00
Misc. facilities	40 hrs	\$160/hr	\$ 6,400.00
Current overrun			<u>\$ 6,000.00</u>
		TOTAL	\$ 34,000.00

MARINA COAST WATER DISTRICT - EAST GARRISON PHASE III

INTERIM CONSTRUCTION MANAGEMENT AND INSPECTION SUPPORT SERVICES EFFORT BY MONTH

		2017				
		July	Aug	Hrs	Hrly. Rate	Total
		160	184			
Dana Van Horn Construction Manager	10	2	12	\$ 180.00	\$ 2,160.00	
Patrick Imperatrice Inspector		138	138	\$ 157.00	\$ 21,666.00	
TBD Materials Review	70		70	\$ 150.00	\$ 10,500.00	
			220	Subtotal	\$ 34,326.00	
				Total	\$ 34,326.00	

Assumptions:

1. Standard 8 hour work day, 5 days per week
2. Duration of services will be 6 weeks
3. Above hourly rates include all overhead, fringe, and profit unless otherwise noted
4. Overtime hours, if necessary, to be determined; may require contract amendment
5. Equipment, supplies and incidental costs included in labor rates unless otherwise noted

MARINA COAST WATER DISTRICT - EAST GARRISON PHASE III

INTERIM CONSTRUCTION MANAGEMENT AND INSPECTION SUPPORT SERVICES EFFORT BY TASK

	Hourly Rate	Material & Other Reviews	CM & Inspection	Total Hours	Total \$
Dana Van Horn Construction Manager	\$180	8	4	12	\$2,160
Patrick Imperatrice Construction Inspector	\$157		138	138	\$21,666
TBD Materials Review	\$150	70	0	70	\$ 10,500
Task Hours =		8	142	150	
Task Fee =		\$1,440	\$22,386		
Estimated Fee =					\$34,326