



December 1, 2016
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 II – Amendment 1**

Brian –

This amendment provides for continuation of construction support services for the East Garrison Phase II development project. Our scope will include:

- Review of meter installation requests
- Review of installed water conserving fixtures
- 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

Attached is a breakdown of our estimated level of effort by month and by task. We have assumed a completion date in the July/August 2017 timeframe and are requesting an additional \$90,000 to complete the tasks shown. 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 II
AMENDMENT 1
CONSTRUCTION MANAGEMENT AND INSPECTION SUPPORT SERVICES
EFFORT BY MONTH

	2016		2017								Hrs	Hrly. Rate	Total
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug			
	176	168	176	160	184	160	176	176	168	184			
Dana Van Horn Construction Manager	2	2	4	4	4	4	4	4	4	4	36	\$ 180.00	\$ 6,480.00
Patrick Imperatrice Inspector	28	24	42	42	45	60	60	60	80	80	521	\$ 160.00	\$ 83,360.00
											557	Subtotal	\$ 89,840.00
Total												\$	89,840.00

Original Assumptions:

1. Approximately 8 month construction duration
2. Standard 8 hour work day, 5 days per week
3. Construction at no more than 2 sites at any given time
4. Above hourly rates include all overhead, fringe, and profit unless otherwise noted
5. Overtime hours, if necessary, to be determined; may require contract amendment
6. Equipment, supplies and incidental costs included in labor rates unless otherwise noted

Amendment Assumptions:

1. All original assumptions apply except duration. Hours approximate and assume completion in July/August 2017 timeframe.

MARINA COAST WATER DISTRICT - EAST GARRISON - PHASE II
AMENDMENT 1
 CONSTRUCTION MANAGEMENT AND INSPECTION SUPPORT SERVICES
 EFFORT BY TASK

	Hourly Rate	CM	Review of installed water conserving fixtures/meter applications	Post-Construction Landscape & Conservation Review	Total Hours
Dana Van Horn Construction Manager	\$180	36	0	0	36
Patrick Imperatrice Construction Inspector	\$160		450	71	521
Task Hours =		36	450	71	557
Task Fee =		\$6,480	\$72,000	\$11,360	
Other Direct Costs - vehicle/cell				\$0	
Estimated Fee =				\$89,840	