

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-C

Meeting Date: June 14, 2011

Submitted By: Sean Knight

Presented By: Carl Niizawa

Reviewed By: Carl Niizawa

Agenda Title: Consider Adoption Resolution No. 2011-43 to Approve an Amendment to the Professional Services Agreement with TJC & Associates Inc. for Consulting Services Related to the District's Supervisory Control and Data Acquisition System for a Not-To-Exceed Amount of \$92,550.

Detailed Description: The Board of Directors is requested to approve an amendment to the Professional Services Agreement (PSA) with TJC and Associates Inc. for consulting services regarding the District's Supervisory Control and Data Acquisition (SCADA) system and control specifications for equipment at the Eastern Distribution project.

On April 12, 2011 the Board of Directors approved a professional services agreement with TJC and Associates for \$26,000 (Resolution No. 2011-26). The scope included engineering design of interim SCADA system improvements, control system specifications and electrical system design review for Well 34.

District staff has found that additional electrical and control system design services are necessary for Well 34 and the Watkins Gate Well. These services would best be performed by TJC and Associates, who has been working on SCADA system issues for the District. Staff envisions these new facilities to become the foundation for new equipment and communication SCADA.

This proposed amendment to the PSA with TJC and Associates will be performed and invoiced on a time and material basis for the not-to-exceed amount of \$92,550.

The following table summarizes the scope of services that will be needed to assist the District with the previously mentioned projects. District staff has reviewed both the scope and costs associated with these services and found them comparable to other engineering firms providing services to the District and are competitive based on general industry-wide standards.

**Amendment for Additional Consulting Services Regarding
the District SCADA System and the Eastern Distribution Project**

June 14, 2011

	Task and Description	Cost
1	Construction Documents Coordination with Well Site Designer	\$4,350
2	Engineer Design of Interim SCADA System Improvements for Lift Station Links	\$5,600
3	Electrical System Design Review for Watkins Gate Well	\$1,000
4	Develop Programming Standard Guidelines for PLC and OIT	\$8,500
5	Develop a District Standard for Well Controls	\$7,150
6	Develop a District Standard Specification for SCADA System Documentation Submittals	\$5,600
7	Radio Path Field Survey for New Well Sites	\$11,600
8	Watkins Gate Hardwire/Fiber Link Communications Feasibility Study	\$5,830
9	Develop Construction Bid Documents for SCADA System Improvements	\$36,100
10	Well Package Submittal Review for RTU/PLC Hardware and Programming Well Sites	\$6,820
	Total Budget	\$92,550

Environmental Review Compliance: The Board adopted the Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the Marina Coast Water District Watkins Gate Well & Pipeline (Resolution No. 2011-31) for those portions of work on the Watkins Gate Well & Pipeline.

Prior Board Actions: The Board adopted Resolution No. 2011-26 Approving a Professional Services Agreement with TJC and Associates Inc. for \$26,000 for Consulting Services Related to the MCWD Supervisory Control and Data Acquisition (SCADA) System.

Board Goals/Objectives: *Strategic Plan, Goal No. 2 – To meet 100% of current and future customers needs and make timely improvements and increase infrastructure and level of services and human resources to meet the needs of expanding service areas in an environmentally sensitive way.*

Financial Impact: Yes No

Funding Source/Recap: WD-0115, SCADA System Improvements and OW-116, Eastern Distribution are funded from the District Reserves.

Material Included for Information/Consideration: Resolution No. 2011-43.

Staff Recommendation: The Board of Directors consider adoption of Resolution No. 2011-43 that authorizes the General Manager and/or Deputy General Manager/District Engineer to amend the Professional Services Agreement with TJC and Associates Inc. for Consulting Services Related to the District’s Supervisory Control and Data Acquisition System in the amount of \$92,550.

Action Required: Resolution Motion Review
(Roll call vote is required.)

Board Action

____ Resolution No ____ Motion By _____ Seconded By _____

Ayes _____ Abstained _____

Noes _____ Absent _____

Reagendized _____ Date _____ No Action Taken _____

June 14, 2011

Resolution No. 2011-43
Resolution of the Board of Directors
Marina Coast Water District
Amending the Professional Services Agreement with TJC and Associates Inc.
For Consulting Services Related to the MCWD SCADA System
For a Not-to-Exceed Amount of \$92,550

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District”), at a regular meeting duly called and held on June 14, 2011 at the business office of the District, 11 Reservation Road, Marina, California as follows:

WHEREAS, in Resolution No. 2011-26 the Board authorized signature of a Professional Services Agreement with TJC and Associates for Consulting Services relating to the District Supervisory Control and Data Acquisition (SCADA) system; and,

WHEREAS, District Staff deemed the additional consulting services relating to the District’s SCADA system and current well projects necessary; and,

WHEREAS, TJC and Associates Inc. has been found qualified and the identified tasks are within TJC and Associates area of expertise; and,

WHEREAS, TJC and Associates Inc. has a working knowledge of the District’s SCADA system and current well projects and District staff believes that the monetary resources proposed herein are reasonable given the complexities of the work and the savings in time and effort that will be realized.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby authorize the General Manager and/or Deputy General Manager/District Engineer to amend the Professional Services Agreement with TJC and Associates Inc. to provide SCADA system consulting services and to take all actions and execute all documents as may be necessary or appropriate to give effort to this resolution, the total dollar amount of which shall not-to-exceed \$92,550.

PASSED AND ADOPTED on June 14, 2011 by the Board of Directors of the Marina Coast Water District by the following roll call vote:

Ayes: Directors _____

Noes: Directors _____

Absent: Directors _____

Abstained: Directors _____

William Y. Lee, President

ATTEST:

Jim Heitzman, Secretary

CERTIFICATE OF SECRETARY

The undersigned Secretary of the Board of the Marina Coast Water District hereby certifies that the foregoing is a full, true and correct copy of Resolution No. 2011-43 adopted June 14, 2011.

Jim Heitzman, Secretary