



# City of Sacramento City Council

915 I Street, Sacramento, CA, 95814  
[www.CityofSacramento.org](http://www.CityofSacramento.org)

**Meeting Date:** 3/5/2013

**Report Type:** Consent

**Title:** Supplemental Agreement: Maddaus Water Management for the Water Conservation Master Plan (Z14000503).

**Report ID:** 2013-00103

**Location:** Citywide

**Recommendation:** Pass a Motion authorizing the City Manager or the City Manager's designee to sign a supplemental agreement to Agreement No. 2012-0427 with Maddaus Water Management, increasing the budget \$24,000 to a new contract total of \$123,000 to provide additional review of budget data and to provide an update to the Draft Water Conservation Plan to reflect the new budget data.

**Contact:** Michael Malone, Field Services Manager, (916) 808-6226; Jessica Hess, Media and Communications Specialist, (916) 808-8260, Department of Utilities

**Presenter:** None

**Department:** Department Of Utilities

**Division:** Public Education Outreach

**Dept ID:** 14001061

## **Attachments:**

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1-Description/Analysis

2-Background

3-Supplmental Agreement #2 Maddaus

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## **City Attorney Review**

Approved as to Form  
Joe Robinson  
2/26/2013 10:44:01 AM

## **City Treasurer Review**

Reviewed for Impact on Cash and Debt  
Russell Fehr  
2/20/2013 12:00:03 PM

## **Approvals/Acknowledgements**

Department Director or Designee: Dave Brent - 2/21/2013 4:31:27 PM

## Description/Analysis

**Issue:** The Department of Utilities has been developing a Water Conservation Plan and decision-making model with the assistance of Maddaus Water Management that will guide the Department's efforts to meet its regulatory mandates and implement programs that will provide the best return on investment value for the City and Department.

**Policy Considerations:** This recommendation in this report is in accordance with City Code Chapter 3.64, pertaining to the approval of supplemental agreements for professional services.

**Economic Impacts:** None

**Environmental Considerations:** The Community Development Department, Environmental Planning Services Division has reviewed the project and has determined that approval of the proposed supplemental agreement is exempt from the California Environmental Quality Act (CEQA), under CEQA Guidelines Section 15061(b)(3). The activity is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it could be seen that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA. The recommended action involves no physical construction and has no potential to cause significant impact to the environment.

**Sustainability:** The Water Conservation Plan will promote sustainability by ensuring efficient and cost-effective management and use of water by the City and City residents.

**Commission/Committee Action:** None

**Rationale for Recommendation:** The Department is requesting that Maddaus Water Management provide additional services to assure the Draft Water Conservation Plan is consistent with water conservation budgets for FY2013 through FY2015 and prepare a final version of the Plan.

**Financial Considerations:** The proposed amendment to the existing agreement would provide additional funding of \$24,000 to be paid from the Conservation Master Plan Program (Z14000503). There are currently funds available for this supplemental agreement in that project.

**Emerging Small Business Development (ESBD):** None.

## Background

The City of Sacramento Department of Utilities (DOU) continues to develop a Water Conservation Plan and decision-making model that will help guide the Water Conservation program to meet its regulatory requirements, by selecting programs that will result in the best return on investment in terms of water savings compared to dollars invested.

In 2011/12, the DOU executed a professional services agreement with Maddaus Water Management (MWM) for \$84,000 (contract #2012-0427) for Water Conservation Evaluation and Decision Support System (DSS) Modeling. The work done by MWM helped DOU and its Sacramento Water Conservation Advisory Group (SWAG) to develop a Water Conservation Plan. The SWAG is a group of dedicated community volunteers and water stakeholders from around the region who are providing guidance and input to DOU as to the measures it is evaluating and to its proposed plan.

In August 2012, DOU supplemented the original contract with an additional \$15,000 to evaluate 6 additional measures identified by the SWAG as programs that they would like to see DOU implement, model a fourth Water Conservation program that included conservation pricing, and to provide a power point to be used as a communication tool with members of the public.

In a final evaluation of the draft plan, it was determined that the Plan's first three years of implementation were not consistent with the budgeted amounts for the Water Conservation Program for FY2013-2015. Because the actual budgets for those three years were less than those estimated in the Water Conservation Plan, it was determined that the Plan should be reevaluated and modified to match the budgeted amounts.

DOU is proposing to use MWM to input the correct funding information and proposed implementation plan into the DSS model to determine the impacts of the proposed activities and current funding on the Department's regulatory mandate to reduce water use by 20% per capita by 2020, and on its proposed investments in the Water Conservation Program between FY2016 -2020. The budget for these proposed additional services is \$24,000.

**Project Title and Job Number: Evaluation and Decision Support System (DSS) Modeling**

**Date: 2/14/2013**

**Purchase Order #: SACTO-0000017032**

**Supplemental Agreement No.: 2**

The City of Sacramento ("City") and Maddaus Water Management (MWM) ("Contractor"), as parties to that certain Professional Services Agreement designated as Agreement Number C2012-0427, including any and all prior supplemental agreements modifying the agreement (the agreement and supplemental agreements are hereafter collectively referred to as the "Agreement"), hereby supplement and modify the Agreement as follows:

1. The scope of Services specified in Exhibit A of the Agreement is amended as follows:

**[See attached Scope of Work and Budget]**

2. In consideration of the additional and/or revised services described in section 1, above, the maximum not-to-exceed amount that is specified in Exhibit B of the Agreement for payment of Contractor's fees and expenses, is **Increased/decreased by \$24,000.00**, and the Agreement's maximum not-to-exceed amount is amended as follows:

Agreement's original not-to-exceed amount:	\$84,000.00
Net change by previous supplemental agreements:	\$15,000.00
Not-to-exceed amount prior to this supplemental agreement:	\$99,000.00
<b>Increase/decrease</b> by this supplemental agreement:	<b>\$24,000.00</b>
New not-to exceed amount including all supplemental agreements:	<b>\$123,000.00</b>

3. Contractor agrees that the amount of increase or decrease in the not-to-exceed amount specified in section 2, above, shall constitute full compensation for the additional and/or revised services specified in section 1, above, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised services, including costs associated with any changes and/or delays in work schedules or in the performance of other services or work by Contractor.
4. Contractor warrants and represents that the person or persons executing this supplemental agreement on behalf of Contractor has or have been duly authorized by Contractor to sign this supplemental agreement and bind Contractor to the terms hereof.
5. Except as specifically revised herein, all terms and conditions of the Agreement shall remain in full force and effect, and Contractor shall perform all of the services, duties, obligations, and conditions required under the Agreement, as supplemented and modified by this supplemental agreement.

**Approval Recommended By:**

**Approved As To Form By:**

\_\_\_\_\_  
 Project Manager  
 Approved By:

\_\_\_\_\_  
 City Attorney

\_\_\_\_\_  
 Contractor  
 Approved By:

**Attested To By:**

\_\_\_\_\_  
 City of Sacramento

\_\_\_\_\_  
 City Clerk

## Supplemental Agreement #2: Scope of work- Maddaus Water

Maddaus Water will complete 2 tasks as part of this extension of their scope of work:

**Task1 : Revise the DSS Modeling Analysis to address additional feedback related to budget for FY2013-2015.**

Effort for this task is envisioned to include the following:

- If necessary, adjust water demand forecast based on findings from Task A.
- Review and confirm the planned budgets for FY2013-FY2015.
- Revise the conservation measures custom schedule for future years to meet the agreed upon 2020 savings target required in SB 7X-7.
- Optimize the conservation program to maximize cost effectiveness to the extent possible from present to 2020.
- Compare new analysis to past analysis results completed in August 2012 that allowed for flexible budgets in FY2013-2015.
- Attend two meetings with City staff to review draft results and final results.
- Address one set of consolidated comments between draft and final analysis results.
- Attend one meeting with SWCAG members to review updated results.

Deliverables:

- Updated results in the form of a meeting handout
- Updated DSS Model
- DSS Model training

**Task 2. Revise the Conservation Program Plan to address requested changes.**

- Provide updated tables, graphs, and language as needed in the current Draft Water Conservation Plan based on findings from Task A and B as necessary.
- Address one set of consolidated comments to Plan update.
- Provide one last round of review to the Final Plan document and City Council report
- Attend one meeting with City staff and one meeting with SWCAG to review final Plan outcomes.
- Present findings with City staff at future City Council Meeting

Deliverables:

- One draft and one final of updated Water Conservation Plan chapters 2, 3, 7 and 8 and Executive Summary to reflect changes as agreed above.

## Supplemental Agreement #2: Budget

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**Task 1 : Revise the DSS Modeling Analysis to address additional feedback related to budget for FY2013-2015.**

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Estimated costs to complete above Scope:

Task	Bill \$250	Michelle \$170	Lisa \$175	Chris \$160	Total	Estimate Basis	Cost Estimate
<b>Task 1:</b> Modeling revised implementation plan scenario with revised Water Conservation Office budgets for FY13-15	12	16	16	12	56	\$10,440	\$11,000
<b>Task 2:</b> Update Water Conservation Plan with revised graphics and information from above remodel with revised budget information	16	16	24	10	66	\$12,520	\$13,000
						\$22,960	\$24,000

TOTAL COSTS NOT TO EXCEED \$24,000