

# **REPORT TO THE CITY COUNCIL**

## ***City of Salinas, California***

DATE: March 21, 2017

FROM: Gary Petersen, C. A. E.  
Public Works Director

SUBJECT: **STORM WATER COLLECTION, CONVEYANCE, TREATMENT, AND  
REUSE PROJECT**

### **RECOMMENDATION:**

It is recommended that the City Council approve a resolution approving the reimbursement of costs with MRWPCA for engineering services for implementation of projects in the State Water Resources Control Board Proposition 1 Grant for Salinas Storm Water Collection, Conveyance, Treatment, and Reuse Project (Phase 1-A) for an amount not to exceed \$72,000.

### **DISCUSSION:**

In 2016, in partnership with the City, Monterey Regional Water Pollution Control Agency (MRWPCA) applied for and received an award of a State Water Resources Control Board Proposition 1 Storm Water Implementation Grant (Storm Water Grant) for up to \$10,000,000 toward development of the City/MRWPCA's storm water projects identified in the application. As required by the grant, the City and PCA prepared a Storm Water Resource Plan. The SWMP was completed in February 2017, and can be viewed at the following website: <http://www.greatermontereyirwmp.org/current/planning/>.

The projects included in the grant award will accomplish important water resources sustainability objectives including those of the Proposition 1 Storm Water Grant Program, the Groundwater Sustainability Act, and the GWR project, as well as meeting Clean Water Act and Regional Water Board Basin Plan Policies. In addition, the projects will enable enhanced operational and maintenance conditions of the City's IWTF. Some of the completed and proposed large-scale projects include the industrial wastewater conveyance improvements (completed), industrial wastewater diversion project (completed), construction of a new permanent shunt for the capture and reuse of dry weather run-off and storm water (Phase 1-A), development of a pump station and new pipelines to return seasonally-stored water from the IWTF ponds to the Salinas Pump Station (Phase 1-B), and diversion of agricultural, urban and natural runoff from the Blanco Drain and Reclamation Ditch (Phases 1-C and 1-E).

The professional engineering services proposed for funding in this staff report are to proceed with final engineering for Phase 1-A of the awarded Storm Water Grant, called the Dry Weather Flow Diversion Project at Salinas Pump Station. In conceptual planning and engineering design to date, the project has also been called the Salinas Storm Water Diversion project. E2 Consulting Engineers have already completed 95% design engineering plans and draft specifications; therefore, this contract would authorize E2 to complete 100% design, including responding to substantive comments from PCA and City staff, and updating the specifications to comply with State funding requirements. After the

funding agreement has been signed, the project bidding and construction phase will be initiated, and additional engineering for Phase 1-A and engineering services for Phase 1-B will be initiated by PCA. Facilities proposed to be constructed as part of Phase 1-A include new storm water diversion structures, flumes for monitoring flows, and short pipelines (all at or near the city's TP1 site) that will allow diversion of primarily dry weather flow and first flush wet weather flows to the Salinas Pump Station for conveyance to the PCA RTP for reuse and injection. The funds spent by the City on this phase will serve as matching funds for the grant, which has a 50% non-state match requirement.

By approving the design for this project prior to receipt of the grant agreement, the City's Storm Water Projects can proceed on a schedule that will enable construction to ensure that the construction costs can be funded by the Storm Water Grant program and the projects can be completed within the timeframe required for using the funds (i.e., prior to July 2020).

As the recipient of the Storm Water Grant, PCA staff with coordination with City staff will manage the contract with E2 Consulting Engineers. The City staff has already been integrated into the larger project team and will continue to be asked to provide significant input into the engineering process.

#### **ISSUE:**

Shall the City Council approve a resolution authorizing cost sharing with PCA in an amount not to exceed \$72,000 to pay for the engineering services for the Salinas Storm Water Dry Weather Diversion Project?

#### **FISCAL IMPACT:**

The proposed cost sharing agreement would be funded from the following sources:

Salinas Dry Weather Storm System (CIP 9075)	\$72,000
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#### **TIME CONSIDERATIONS:**

The contract approval by the MRWPCA board is set for approval on March 27, 2017. The City's proposed cost sharing agreement is essential for approval by the PCA Board.

#### **ALTERNATIVES/IMPLICATIONS:**

Council may elect not to share costs with PCA on this project and may provide further direction to staff. However, this is not recommended as this Council has approved previous agreements that support the construction of these projects, and these projects are budgeted as part of the overall Industrial Waste Water System improvement project and the City's storm water management program. In addition, the ability for the City to benefit from the Storm Water Grant depends on timely completion of the next phase of project implementation.

#### **CITY COUNCIL GOALS:**

This project supports City Council efforts of Economic Diversity and Prosperity of the Community, as well as its goal of Excellent Infrastructure as providing safe, secure sources of water.

## **CONCLUSIONS:**

At its meeting on March 21, 2017, the City Council is requested to approve cost sharing with PCA in an amount not to exceed \$72,000.

Back Up Pages  
Resolution

**RESOLUTION NO. \_\_\_\_\_ (N.C.S.)**

**RESOLUTION AUTHORIZING COST SHARING WITH MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY TO FUND ENGINEERING SERVICES FOR SALINAS STORM WATER COLLECTION, CONVEYANCE, TREATMENT, AND REUSE PROJECT FOR AN AMOUNT NOT TO EXCEED \$72,000**

**WHEREAS**, in 2016, in partnership with the City, Monterey Regional Water Pollution Control Agency (MRWPCA) applied for and received an award of a State Water Resources Control Board Proposition 1 Storm Water Implementation Grant (Storm Water Grant) for up to \$10,000,000 toward development the City/MRWPCA's storm water projects; and

**WHEREAS**, the proposed engineering services are needed to be initiated in the short term to progress a key component of the Salinas Storm Water projects proposed in the awarded Proposition 1 Storm Water Program Grant from the State Water Resources Control Board (Storm Water Grant); and

**WHEREAS**, several of the projects in the Storm Water Grant will improve the use and functionality of the Industrial Wastewater Treatment Facility, through the capture and treatment of storm water runoff and the seasonal storage of industrial wastewater and storm water for recycling; and

**WHEREAS**, the construction and start-up of the projects to be funded by the Storm Water Grant must be completed by July 2020 to be eligible for grant reimbursement; and

**WHEREAS**, the Monterey Regional Water Pollution Control Agency is the grant applicant and desires to use the services of an engineering consultant, E2 Consulting Engineers, to provide required engineering design services for the Salinas Storm Water (Phase 1-A Dry Weather Flow Diversion project) and has, together with the City staff, negotiated a scope and budget for time critical next phase of work; and

**WHEREAS**, it is mutually beneficial to the City of Salinas to provide funding to support the technical consultant; and

**WHEREAS**, given the highly technical nature of the proposed work and grant applications, and previous Council direction relating to water sustainability, approval of the cost sharing agreement not to exceed \$72,000 from funding available in the Department of Public Works budget is warranted.

**NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL** that City staff is authorized to make payment to the Monterey Regional Water Pollution Control Agency in an amount not to exceed \$72,000 for technical support for project implementation.

**PASSED AND APPROVED** this 21<sup>st</sup> day of March 2017, by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

**APPROVED:**

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Joe Gunter, Mayor

**ATTEST:**

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Patricia M. Barajas, City Clerk