



**Contra
Costa
County**

To: Board of Supervisors
From: Julia R. Bueren, Public Works Director/Chief Engineer
Date: July 21, 2015

Subject: Approve a Contract with PSOMAS for GIS Technical Support Services for a Countywide Stormwater GIS Pilot Project

RECOMMENDATION(S):

APPROVE and AUTHORIZE the Chief Engineer, Flood Control and Water Conservation District, or designee, to execute, on behalf of the Contra Costa Clean Water Program, a contract with PSOMAS in an amount not to exceed \$115,20, for the period of July 1, 2015 to June 30, 2017, for GIS technical support services for a countywide GIS pilot project necessary to comply with federal and state stormwater rules contained in National Pollutant Discharge Elimination System (NPDES) Permits issued by the San Francisco Bay and Central Valley Regional Water Quality Control Boards. Countywide. (100% Cities and County Stormwater Utility Fee Assessments) Project No. 7519-6x7665.

FISCAL IMPACT:

Funded by stormwater utility fee assessments collected by the Cities/Towns and County, proportional to their respective populations.

BACKGROUND:

The Contra Costa Clean Water Program (the "CCCWP") consists of Contra Costa County, its nineteen (19) incorporated cities/towns and the Contra Costa County Flood Control and Water Conservation District (hereinafter referred to collectively as "Permittees").

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **07/21/2015** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I
Supervisor
Candace Andersen, District II
Supervisor
Mary N. Piepho, District III
Supervisor
Karen Mitchoff, District IV
Supervisor

ABSENT: Federal D. Glover, District V
Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: July 21, 2015

David Twa, County Administrator and Clerk of the Board of Supervisors

By: June McHuen, Deputy

Contact: Deanna Constable
925-313-2194

cc:

BACKGROUND: (CONT'D)

The CCCWP was established in 1991 through a Program Agreement in response to the 1987 amendments to the federal Clean Water Act (the “CWA”), which established a framework for regulating municipal stormwater discharges under the National Pollutant Discharge Elimination System (“NPDES”) Permit Program. The United States Environmental Protection Agency (the “USEPA”) published final rules implementing the 1987 CWA amendments in November 1990. The rules mandate that Permittees obtain and implement stormwater permits designed to reduce and eliminate the discharge of pollutants into and from Municipal Separate Storm Sewer Systems (the “MS4s”) they own and operate. Through the CCCWP, Permittees conduct many of the mandated activities collectively (referred to as "Group Activities"), such as water quality monitoring, special studies, and public education. The roles and responsibilities of the CCCWP and Permittees are outlined in the Program Agreement, which was last updated and adopted by all Permittees in June 2010.

In February 2014, the CCCWP’s Management Committee (decision-making body) received a presentation on the City of San Ramon’s development of a stormwater GIS using ESRI ArcGIS Online for collecting, tracking, managing and reporting San Ramon’s trash load reduction data and information. The Management Committee discussed the potential benefits and cost savings of developing a stormwater GIS platform on a CCCWP/countywide basis.

A GIS Ad Hoc Workgroup (Workgroup) was subsequently established and began meeting in June 2014. The Workgroup reviewed and researched potential needs, estimated costs, and possible methods for developing and managing a CCCWP/countywide GIS platform. The Workgroup identified many valuable uses of GIS to compliance with permit mandates; however, it was agreed any initial effort should be limited in scope and implemented as a pilot effort. Should the pilot effort prove to be cost effective, manageable, and beneficial on a countywide basis to all Permittees, the Management Committee could later decide to expand the GIS platform to include additional beneficial programs. For the initial pilot effort, the Workgroup recommended development of a stormwater GIS platform that serves Permittees’ most immediate GIS needs (i.e., support for mandated trash load reduction plan development and implementation, and PCB screening and mapping of source properties/areas).

In December 2014, the Management Committee approved the Workgroup’s recommendations and proposed next steps for development of a CCCWP/countywide GIS pilot project Request for Proposal (RFP). With input and direction from the Workgroup, CCCWP staff released a RFP on March 11, 2015. RFPs were sent to 8 candidate firms. The CCCWP received two proposals by the April 1, 2015 deadline.

At the April 15, 2015 Management Committee meeting, the Permittees approved the Workgroup’s recommendation to retain the services of PSOMAS as the selected consultant team for development and implementation of a stormwater GIS pilot project; and, authorize

CCCWP staff to negotiate and execute a two-year contract for a cost not to exceed \$115,201.

The CCCWP Permittees wish to retain PSOMAS for development of a CCCWP/countywide GIS platform for maintaining, analyzing, interpreting, displaying and reporting required stormwater program data and information (e.g., trash management areas, load reduction activities, and hot spots; C.3 facility locations and inspections; business and construction site inspections and enforcement actions; illegal dumping incidents and follow-up; etc.).

CCCWP staff, on behalf of the Permittees, respectfully requests approval of this contract with PSOMAS for a two year period (i.e., July 1, 2015- June 30, 2017).

CONSEQUENCE OF NEGATIVE ACTION:

If the contract with PSOMAS is not approved, the CCCWP would be unable to assist Permittees with needed GIS technical support services needed to fulfill the permit mandates, and Permittees would need to comply with the mandates individually or be found in non-compliance with the NPDES permits issued by the Water Boards. Fines totaling \$10,000 per day and \$10 per gallon of stormwater discharge could potentially be imposed.