

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 7/23/2013	(3) CONTACT/PHONE Raymond Dienzo, Project Manager (805) 788-2110	
(4) SUBJECT Request to approve an agreement for professional engineering services with Fugro Consultants in the amount of \$200,000 for the Santa Maria Groundwater Basin Characterization and Planning Activities. Districts 3 & 4.			
(5) RECOMMENDED ACTION It is our recommendation that your Honorable Board, acting as the San Luis Obispo County Flood Control and Water Conservation District (District) approve an Engineering Consulting Services Agreement (Agreement) with Fugro Consultants (Fugro) in the amount, not to exceed, \$200,000 for professional engineering services for the Santa Maria Groundwater Basin Characterization and Planning Activities.			
(6) FUNDING SOURCE(S) Flood Control and WCD (Fund 1300000000)	(7) CURRENT YEAR FINANCIAL IMPACT \$200,000.00	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ___) <input type="checkbox"/> Board Business (Time Est. ___)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 19001287		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A Date: <u>03/26/13, #21</u>	
(17) ADMINISTRATIVE OFFICE REVIEW <i>Nikki J. Schmidt</i>			
(18) SUPERVISOR DISTRICT(S) District 3 - District 4 -			

Reference: 13JUL23-C-5

County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works
Raymond Dienzo, Project Manager

VIA: Courtney Howard, Water Resources Project Manager
Dean Benedix, Utilities Division Manager

DATE: 7/23/2013

SUBJECT: Request to approve an agreement for professional engineering services with Fugro Consultants in the amount of \$200,000 for the Santa Maria Groundwater Basin Characterization and Planning Activities. Districts 3 & 4.

RECOMMENDATION

It is our recommendation that your Honorable Board, acting as the San Luis Obispo County Flood Control and Water Conservation District (District) approve an Engineering Consulting Services Agreement (Agreement) with Fugro Consultants (Fugro) in the amount, not to exceed, \$200,000 for professional engineering services for the Santa Maria Groundwater Basin Characterization and Planning Activities.

DISCUSSION

Santa Maria Groundwater Basin Characterization Background

The Santa Maria Groundwater Basin (SMGB) is a critical water supply resource for southern San Luis Obispo County and northern Santa Barbara County. The SMGB has been subject to ongoing litigation since 1997. A stipulation that was substantially accepted by the Court, via the January 25, 2008 judgment, divided the groundwater basin into three management areas consistent with the Basin boundary:

- the Northern Cities Management Area (NCMA);
- the Nipomo Mesa Management Area (NMMA);
- and the Santa Maria Valley Management Area (SMVMA).

The extent of the SMGB and the boundaries of the three management areas are shown in Figure 1. The SMGB underlies two Integrated Regional Water Management (IRWM) Regions; San Luis Obispo County and Santa Barbara County. The scope of work for this Santa Maria Groundwater Basin Characterization and Planning Activities Project (Project) only includes the area of the Northern Cities and Nipomo Mesa Management Areas of the SMGB, and is herein referred to as the Project Area. The Santa Barbara County IRWM region recently completed a similar project for the SMVMA.

The objectives of this Project are to:

- Build on previous successful collaboration and planning by creating a Steering Committee and engaging stakeholders, particularly the disadvantaged communities within the Project Area and Santa Barbara County agencies and stakeholders;
- Compile data related to the Project Area and identify data gaps;
- Install equipment and conduct field work to investigate certain Project Area characteristics;
- Develop goals and objectives for completing a Salt and Nutrient Management Plan for the SMGB;
- Potentially develop a computer-based groundwater model of the SMGB;
- Assess the Project Area's vulnerability to climate change;
- Assume consistency with the Santa Barbara County IRWM region efforts related to the SMGB;
- Produce a compiled report for the Project.

The scope of this Project is consistent with the initial steps for the development of a Salt and Nutrient Management Plan (SNMP). Developing SNMPs for critical groundwater basins is a high priority for the State. As such, this Project received a \$200,000 grant via the State's IRWM Program.

The development of a complete SNMP requires using the information gathered and generated during this Project to address numerous elements related to the fate and transport of salts and nutrients within the groundwater basin. The scope for this Project contains tasks that will support the development of a SNMP for the SMGB, but will not produce a completed SNMP for the SMGB.

Consultant Selection Process

In accordance with the "Central Services Board Approved Policy on Contracting for Services and Purchasing," proposals for the project were solicited and evaluated by a selection committee, which included both County staff and agency staff from the northern and southern portions of the Project Area. The committee recommended Fugro as the most qualified firm to perform these Project services. The District negotiated the Agreement hereby presented to your Board for approval.

OTHER AGENCY INVOLVEMENT/IMPACT

The Agreement includes meetings and reviews at key points of the project with a Steering Committee anticipated to be comprised of representatives from – City of Arroyo Grande, City of Pismo Beach, City of Grover Beach, Oceano CSD, Nipomo CSD, Woodlands Mutual Water Company, Golden State Water Company, and Phillips 66.

The IRWM Regional Water Management Group for the SLO Region and the District's Water Resources Advisory Committee will be provided updates on the project.

County Counsel has reviewed the Agreement as to legal form and effect.

FINANCIAL CONSIDERATIONS

The professional engineering services that Fugro will be providing will be on a time and materials basis for a not to exceed amount of \$200,000 and is funded through the approved FY 2013-14 Flood Control and Water Conservation District budget. The State Department of Water Resources has

recommended that the District's Integrated Regional Water Management Planning Grant be awarded funding. The grant will provide \$200,000 for the efforts to develop the Santa Maria Groundwater Basin Characterization and Planning Activities.

RESULTS

Approval of the recommended action will provide for the professional engineering services to conduct the Santa Maria Groundwater Basin Characterization and Planning Activities. Developing groundwater basin information is consistent with the goals of the SLO Region IRWM Plan update and will contribute to the County's goals of promoting a healthy, livable, prosperous and well-governed community.

Reference: 13JUL23-C-5

File: CF 300494.19.4 Santa Maria GW Basin Characterization

L:\UTILITY\JUL13\BOS\S Maria Grndw tr Basin brd ltr.doc.RD:mac

ATTACHMENTS

1. Figure 1 Boundary of Management Areas
2. Agreement for Professional Engineering Services with Fugro Consultants, Inc.