



Meeting Date: 03 / 09 / 10

ACTION	TYPE OF ITEM
<input type="checkbox"/> Approved Recommendation	<input checked="" type="checkbox"/> Info/Consent
<input type="checkbox"/> Ord. No(s). _____	<input type="checkbox"/> Report
<input type="checkbox"/> Res. No(s). _____	<input type="checkbox"/> Public Hearing (Info/consent)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

Prepared By: Lou Balderrama, City Engineer

Agenda Item No. I-3

Reviewed By: City Manager [Signature]

City Attorney [Signature]

Finance [Signature]

Public Works [Signature]

DATE: March 1, 2010

TO: City Council

FROM: Lou Balderrama, City Engineer  
Public Works Department [Signature]

SUBJECT: **Second Amendment to Agreement for Professional Services with Black and Veatch Corporation for the final design of the Recycled Water Backbone System**

### RECOMMENDATION

That City Council approve and authorize the Mayor to execute the Second Amendment to the Agreement with Black and Veatch Corporation to increase the amount by \$303,698 for a total of \$1,854,528 for the final design, bid phase and post design services for Phase 1 of the Recycled Water Backbone System (Agreement No. A-7134).

### DISCUSSION

The Recycled Water Backbone System (RWBS) is a planned component of the Groundwater Recovery Enhancement and Treatment (GREAT) Program. The RWBS consists of approximately ten miles of pipeline that will transport recycled water produced by the Advanced Water Purification Facility (AWPF) located on Perkins Road to customers throughout the City. Phase 1 of the RWBS consists of slip-lining of approximately four miles of the abandoned Redwood Trunk Sewer pipeline located along west Hueneme Road and northbound Ventura Road. The remaining six miles consists of pipe bursting and open trench installation of new pipeline along the northern portion of Ventura Road to the RiverPark area. The total cost of Phase 1 is estimated to be \$28.6 million.

On August 21, 2008, staff issued a Request for Proposal (RFP) for the final design, bid phase and post design services for Phase 1 of the RWBS. In response to the RFP, staff reviewed and evaluated seven proposals and interviewed the top three companies. Based on the proposals and subsequent interviews staff determined that Black and Veatch Corporation would be the best consultant for the project, and recommended moving forward with an agreement for the design services. City Council executed the Agreement on March 3, 2009. On July 21, 2009 City Council approved the First Amendment for \$131,494 that provided design for a pipe section of the RWBS to be connected to the existing River Park Recycled Water System allowing for the delivery of recycled water to the RiverPark development.

The proposed Second Amendment will provide the following services:

1. The completion of the concurrent Recycled Water Master Plan Phase 2A identified additional customer demand for recycled water; thus, requiring larger pipelines for greater hydraulic capacity within the system to meet this demand. The proposed change in design to increase pipeline capacity requires a change in pipeline construction methods. This change necessitates the use of pipe bursting versus sliplining.
2. The original design called for sliplining a large portion of the abandoned Ventura Road Trunk Sewer Line. Recent discovery has identified that short sections of this sewer line are still active and are being used as collector sewers for certain service connections between 9<sup>th</sup> and 2<sup>nd</sup> Streets along Ventura Road. The proposed change in design requires the permanent inclusion of by-pass pipelines around the active sections of the sewer line. These by-pass pipelines will be constructed utilizing open trench construction methods.
3. Potholing along Hueneme Road to determine potential underground conflicts has identified a significant Chumash Indian archeological site. The site extends from the "J" Street Stormdrain to the east and to the Bubbling Springs Bridge to the west. This section of pipeline was originally designed for open trench construction. However, to avoid impacting the archeological site, this section of the pipeline construction will be redesigned to include micro tunneling. This design change will allow construction to occur without significantly disturbing this historic location.

## **FINANCIAL IMPACT**

The estimated cost for services in the Second Amendment is not to exceed \$303,698 and will increase the total cost of the Agreement from \$1,550,830 to \$1,854,528. The 2006 Water Bond Fund includes adequate funding for this amendment.

GD

Attachment #1 – Second Amendment to Agreement No. A-7134

Note: Attachment #1 has been provided to City Council under separate cover. Copies for review are available at the Help Desk in the Library after 6:00 p.m. on Thursday prior to the Council meeting and in the City Clerk's Office after 8:00 a.m. on Monday prior to the Council meeting.