

# ***ALAMEDA COUNTY WATER DISTRICT***

## ***MEMORANDUM***

DATE: May 3, 2010  
TO: Board of Directors  
FROM: Walt Wadlow  
SUBJECT: STAFF REPORT, ACTION CALENDAR ITEMS FOR MAY 13, 2010

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### 5.1\* RESOLUTION HONORING ARTHUR B. AURAND UPON HIS RETIREMENT FROM DISTRICT SERVICE

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SUMMARY: Arthur B. Aurand will be retiring on June 30, 2010 with nearly 30 years of service with the District.

RECOMMENDATION: By motion, adopt a resolution honoring Arthur B. Aurand and expressing appreciation for nearly 30 years of service.

DISCUSSION: Art started with the District as a Meter Reader on August 25, 1980. In 2005, he was promoted to Meter Reading Supervisor. Over the years, Art has seen many changes in meter reading and has adapted easily to each of them. He has attained tremendous knowledge and experience which he has generously imparted to co-workers. Art has also provided excellent service to the District's customers. He has been a valuable asset to ACWD and he will be missed by his many friends here at the District.

### 5.2\* AUTHORIZATION OF PURCHASE ORDER FOR CUSTOMER INFORMATION SYSTEM CONSULTING SERVICES

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SUMMARY: The first of three phases to implement a new Customer Information System (CIS) has been completed. Staff is proposing to enter into a new agreement with EMA, Inc. to provide consulting services for Phase II of this project, which involves assistance with CIS selection and contract negotiation. The cost of the consulting service is not to exceed \$55,960. There are sufficient funds in the FY09/10 budget for these expenditures.

RECOMMENDATION: By motion, 1) authorize a purchase order to EMA, Inc. in the amount not to exceed \$55,960 to provide consulting services for Phase II of the Customer Information System project; and 2) authorize the General Manager to enter into a services agreement with EMA, Inc. for CIS selection and vendor contract negotiation.

DISCUSSION: At their meeting on December 10, 2009, the Board of Directors authorized a purchase order to EMA, Inc. to provide consulting services for Phase I of the CIS project.

The CIS project was divided into three phases:

Phase I: Business analysis and needs assessment, development of functional and technical

requirements, product/vendor selection criteria and RFP development.

Phase II: Vendor selection and contract development

Phase III: Implementation and Post Implementation Project Management and Oversight

During Phase I, EMA, Inc. conducted several business analysis workshops and a CIS industry workshop that included an overview of major CIS vendors and functionalities available in CIS products. Based on the business analysis workshops, a detailed list of requirements specific to ACWD was developed for inclusion in the RFP. The RFP for the CIS was released to major CIS vendors on April 26, 2010 and the proposals are due back by June 4, 2010.

In Phase II, EMA, Inc. will help ACWD evaluate proposals and vendor responses, validate vendors' claim of functionality as related to ACWD requirements, lead a workshop for product demonstration by the top three vendors, lead a workshop to develop a short list of the top two vendors, assist ACWD in preparing for site visits and final selection of a CIS, and help with contract negotiation for software and implementation services.

5.3\* AUTHORIZATION OF CHANGE ORDER NO. 1 AND RESOLUTION ACCEPTING THE COMPLETION OF THE REMOVAL, DISPOSAL, AND INSTALLATION OF FILTER MEDIA AT WATER TREATMENT PLANT NO. 2 PROJECT

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**SUMMARY:** The Board previously awarded the removal, disposal, and installation of new filter media for three filters at Water Treatment Plant No. 2 to ERS Industrial Services, Inc. (ERS). The filters are fully operational and the work is substantially complete. There was one change order in the amount of \$3,800.00. There is adequate funding in the budget.

**RECOMMENDATION:** By motion, 1) approve Change Order No. 1 in the amount of \$3,800.00 to ERS Industrial Services, Inc. and 2) adopt a resolution accepting the completion of the Removal, Disposal, and Installation of Filter Media at Water Treatment Plant No. 2 Project, Job 6420.

**DISCUSSION:** This project consists of the removal, disposal, and installation of new sand and anthracite media in Filters 4, 5, and 6. The Board awarded the work to ERS on February 11, 2010, in the amount of \$94,972.72. Following the installation and air scour of the anthracite, staff observed that the top of the media was still comprised mostly of anthracite fines. Because the anthracite fines would be removed as part of the plant's filter backwash cycle and could potentially impact the plant's solids handling processes, staff requested ERS to proactively remove and dispose of the top 2 inches of filter media. Change Order No. 1 in the amount of \$3,800.00 has been prepared to cover the additional work. Staff has reviewed the contractor's request and finds it reasonable for the work performed.

5.4\* AUTHORIZATION OF PURCHASE ORDER FOR THE REUSE OF WATER TREATMENT PLANT SOLIDS

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**SUMMARY:** Solids removed from the District's two surface water treatment plants are reused at Republic Services Inc.'s owned and operated Vasco Road Landfill as an "alternative daily cover." The District's current agreement with Republic Services Inc. will expire at the end of June 2010. Staff is proposing to enter a new sole source agreement with Republic Services Inc. because the Vasco Road Landfill is the only local landfill that can accept the residuals that are produced at the

surface water treatment plants. Board approval is needed to waive the District's Procurement Policy No. 1. There are adequate funds in the FY 10/11 budget for this expenditure.

RECOMMENDATION: By motion, 1) waive Procurement Policy No. 1 requiring sealed bids for services above \$25,000, and 2) authorize a purchase order to Republic Services, Inc., for the disposal and reuse of solids from the District's two water treatment plants for FY 10/11 for an estimated cost of \$45,000.

DISCUSSION: The District currently has a contract with Republic Services, Inc., of Livermore, California, for the disposal of solids at its Vasco Road Landfill. The Vasco Road Landfill is the only local, permitted, Class II Facility, which allows the disposal of residuals with low levels of hydrocarbons. Hydrocarbons are a byproduct of the polymer used in the residuals dewatering process at the surface water treatment plant.

Republic Services currently charges the District \$23.50 per ton of solids delivered at the Vasco Road Landfill for reuse as an "alternative daily cover." For FY 10/11, Republic Services' price for solids disposal is \$25.00 per ton. This change in rate is a 6.4% increase over last year's unit price representing an approximate increase of \$2,700 in the annual cost for disposing solids at the Vasco Road Landfill. The total annual estimated cost for FY 10/11 is \$45,000 based on 1,800 tons of solids. Vasco reports the increase in fees is based upon estimated operating cost for the coming year.

5.5\* AUTHORIZATION OF PURCHASE ORDER FOR THE TRANSPORT OF WATER TREATMENT PLANT SOLIDS FOR FY 10/11

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SUMMARY: Funds are authorized each year for the hauling of solids removed from the District's two water treatment plants and transported on a regular basis to a landfill. The District's current agreement with Alhambra Environmental Services was originally authorized by the Board in spring 2008 and contained provisions for extending the contract for two additional 12-month periods. Staff is proposing extending the agreement with Alhambra Environmental Services for the FY 10/11. Adequate funds have been allocated to cover this expense in the FY 10/11 budget.

RECOMMENDATION: By motion, authorize a purchase order to Alhambra Environmental Services Inc., for the transport of solids from the District's two water treatment plants for FY 10/11 for an estimated cost of \$55,000.

DISCUSSION: The solids-bearing streams from various treatment processes at Water Treatment Plant No. 2 (WTP2) and from the clarifiers at Mission San Jose Water Treatment Plant (MSJWTP) are thickened and dewatered at WTP2 to produce solids which are transported on a regular basis to a landfill. The solids from MSJWTP's drying beds are removed and transported on an annual basis to a landfill. Contract services for transportation of solids included in the scope of work consist of 1) 12-month lease of a trailer, 2) hauling solids from WTP2 and MSJWTP to the landfill, 3) the mixing and turnover of solids at the MSJWTP drying beds, 4) rental and transportation of solids with vacuum truck(s), and 5) equipment wash out fees.

Alhambra Environmental Services Inc. has been satisfactorily providing solids transportation services for the District for the last thirteen years. The current cost to transport solids is \$78 per hour. The new cost for FY10/11 is \$80 per hour. The change in rate is 2.6% more than last year's

unit pricing representing an estimated annual increase of \$1,430 based upon average annual expenditures of \$55,000. This is the second and final renewal of the current contract.

5.6\* AUTHORIZATION OF PURCHASE ORDER FOR ASPHALT REPAIR WORK AT DISTRICT HEADQUARTERS

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SUMMARY: Over the years the asphalt surface of the District's corporation yard has deteriorated due to heavy equipment and truck traffic, as well as environmental factors. A Request for Quotations was sent out to paving and construction companies and ten companies responded. Galedrige Construction Inc. of Alviso was the low bidder in an amount of \$68,445.00. There references were checked and are satisfactory. Additionally, staff is requesting that a contingency amount of \$10,000.00 be established for unforeseen repairs during the project. There is sufficient funding in the budget.

RECOMMENDATION: By motion, 1) authorize a purchase order to Galedrige Construction Inc. for asphalt repair, seal coating and restriping in an amount of \$68,445.00; and 2) authorize a contingency amount of \$10,000 for unforeseen or additional work identified during the project.

DISCUSSION: The District's headquarters back parking lot serves as the corporation yard. The combination of dirt, heavy trucks and equipment, as well as environmental factors puts stress on the asphalt surface. Approximately thirty-five areas of failed asphalt were identified as needing repair. A repair consist of digging out the old asphalt (or grinding it out) and replacing it with six inches of new asphalt. After repairs are made the entire area will be swept and cleaned in preparation for seal coating. The seal coating further helps to protect the surface. The contractor will then restripe and number the parking stalls and the vehicular traffic lines.

5.7\* RESOLUTION HONORING WALTER J. BISHOP UPON HIS RETIREMENT FROM CONTRA COSTA WATER DISTRICT

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SUMMARY: Wally Bishop will be retiring from the Contra Costa Water District (CCWD) after over 17 years of service as General Manager. First with East Bay Municipal Utility District (EBMUD) and then with CCWD, Wally has played a key role in regional, statewide, and national water policy for over 25 years.

RECOMMENDATION: By motion, adopt a resolution extending congratulations and appreciation to Walter J. Bishop for his many years of dedicated service.

DISCUSSION: Wally has served in key roles for two Bay Area water agencies. He served as Manager of Wastewater, and then Acting General Manager for EBMUD. In 1992 he was appointed as the General Manager for CCWD. During the last 20 years, Wally has made important contributions on behalf of his respective water agencies and Delta water users in almost all of the major California water policy issues that have arisen. He has also worked actively on behalf of water agencies throughout the nation (including ACWD) to advance the state of the water industry, through his many professional efforts.

In addition to many awards and accolades, Wally has served as Chair of the Board of Trustees for the American Water Works Association (AWWA) Research Foundation, the AWWA Journal

Editorial Board, and the California Urban Water Agencies. He has served as a Council member on the National Drinking Water Advisory Council, and on the Boards of the Water Environment Research Foundation, the Association of Metropolitan Sewerage Agencies, and the Association of California Water Agencies. Finally, Wally conceived of and implemented a rigorous training academy that has educated water leaders annually from all over the United States. ACWD's Engineering Manager, Bob Shaver, attended the academy and identified it as a valuable and very worthwhile experience.

#### 7.1 RESOLUTION DECLARING MONTH OF MAY AS WATER AWARENESS MONTH

SUMMARY: The Governor of California has proclaimed the month of May as Water Awareness Month. For the past 20 years, the District has been a campaign sponsor of Water Awareness Month, which focuses on educating Californians about the importance of water in all facets of their lives by encouraging involvement in water awareness activities on both a local and regional level.

RECOMMENDATION: By motion, adopt a resolution proclaiming the month of May as Water Awareness Month.

DISCUSSION: The campaign headquarters sponsors statewide activities, such as distributing public service announcements to radio and television stations in California, providing water awareness materials to public libraries and providing water information to legislators. The theme of the campaign continues to emphasize conservation and water quality, as well as other aspects about water in the environment, agriculture, and industry. Local service area activities related to Water Awareness Month will include: presentation of the school Water Conservation Poster and Slogan Contest awards at the May 13 Board meeting; newspaper display ads stressing the Water Awareness Month campaign theme that will run through the month; and distribution of Water Conservation Calendars to teachers in the ACWD service area.

Attachments

cc: Executive Staff