



AGENDA REPORT

Meeting Date: November 18, 2014
Item Number: D-11
To: Honorable Mayor & City Council
From: Anne Garvey-Zaworski, Principal Civil Engineer
Mark Cuneo, City Engineer
Subject: ACCEPTANCE OF THE CONTRACT WORK FOR THE "RESERVOIR NO. 4A NEW OVERFLOW PIPELINE AND STAIRS" BY BALI CONSTRUCTION, INC., IN THE FINAL AMOUNT OF \$387,138 AND AUTHORIZATION OF CITY CLERK TO RECORD NOTICE OF COMPLETION.
Attachments: 1. Notice of Completion
2. DPH letter dated 3-29-2013

RECOMMENDATION

Staff recommends that the City Council move to: 1) Accept the described work with Bali Construction Inc. for "Reservoir No. 4A New Overflow Pipeline and Stairs Project (Job #10103)" and 2) Authorize the City Clerk to record the attached Notice of Completion.

INTRODUCTION

Water Reservoir 4A, located at Miradero Road, is a partially buried reinforced concrete tank (constructed originally in 1954 and structurally rehabilitated and lined internally in 2012) with a total water storage capacity of 2.2 million gallons. Reservoir 4A, in conjunction with Reservoir 4B, provides water for domestic use and fire protection to the northern area of the City between Coldwater Cañon Drive and the western City limits. Reservoir 4A is divided into North and South basins, each of which can be operated independently.

This report provides information to the City Council on the acceptable completion of the "Reservoir No. 4A New Overflow Pipeline and Stairs Project" by Bali Construction Inc. in the final amount of \$387,138 and authorization for the recordation of the Notice of Completion by the City Clerk with Los Angeles County Recorder.

DISCUSSION

On February 18, 2014 a construction contract in the amount of \$435,843 was awarded by City Council to Bali Construction Inc.; on the basis of sealed competitive bids received after public advertising in December 2013, for the "Reservoir No. 4A New Overflow Pipeline and Stairs Project (Job #10103)".

Reservoir 4A's original overflow pipeline had to be replaced with a new overflow pipeline in order to operate the reservoir in accordance with the Department of Public Health current requirements; thereby allowing the overflow to safely handle the increased reservoir fill rate that has taken place over the last twenty years due to additional/upgraded pumps, etc. being added to the overall system.

Construction of the new overflow pipeline commenced on April 28, 2014. Due to a combination of an innovative design by KEC Engineers, minor in-field design modifications undertaken during construction, a very good Contractor and city staff project management/oversight; a total construction savings in the amount of \$48,705 was realized in addition to \$65,000 in unexpended contingency monies. Consequently, a total of \$113,705 remains in the project construction budget which can now be returned to the City's Water Enterprise Fund for use in other projects.

On June 18, the City's Engineering and Water Operations staff, together with Design Engineer KEC Engineers Inc. did a final job site walk with Bali Construction and the new overflow line was accepted as being complete and in compliance with the contract documents approved for this project in addition to being completed by the Department of Public Health's deadline of June 30, 2014 (attached DPH letter dated 3-29-2013). DPH can now issue the City a permanent operating permit for Reservoir 4A which will allow Water Operations to utilize both chambers for water storage. (Since June 7, 2013 only the south chamber had been utilized under a temporary operating permit).

An additional component of the project, a three-month slope hydroseeding maintenance period, ended on September 19, 2014.

FISCAL IMPACT

The contract construction purchase order, which included a \$65,000 contingency allowance, was \$500,843.

The current amount paid to Bali on the contract is \$367,781.10 with a 5% retention of \$19,356.90, due to be paid 35 days after the recordation of the attached Notice of Completion.

The City Funds for this project were provided from the "Reservoir Replacement/Water Tanks" Capital Improvement account, which was funded by Water Enterprise monies.

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ACCOUNT NUMBER	FUNDING SOURCE	AMOUNT PAID	RETENTION EARNED	P.O. BALANCE
80-00-6003-8504	80 Water Enterprise	367,781.10	19,356.90	\$ 113,705.00
TOTALS		367,781.10	19,356.90	\$ 113,705.00

David Lightner *DL*
Approved By

Attachment 1

THIS DOCUMENT IS OFFICIAL BUSINESS
OF THE CITY OF BEVERLY HILLS AND
ENTITLED TO FREE RECORDING UNDER
SECTION 6103 OF THE GOVERNMENT CODE

Requested by _____

AFTER RECORDING MAIL TO:

CITY CLERK'S OFFICE
Room 290, City Hall
455 North Rexford Drive
Beverly Hills, CA 90210

Space above this line for recorder's use

NOTICE OF COMPLETION

Notice is hereby given that:

1. The undersigned is owner of the interest or estate stated below in the property hereinafter described.
2. The full name of the undersigned is **City of Beverly Hills**
3. The full address of the undersigned is **455 North Rexford Drive, Beverly Hills, CA 90210**
4. The nature of the title of the undersigned is: **In fee.**
5. The full names and addresses of all persons who hold title with the undersigned are:
None
6. A work of improvement on the property hereinafter described was completed on November 18, 2014
7. The name of the contractor, if any, for such work of improvement was
Bali Construction Inc.
8. The property on which said work of improvement was completed is in the City of **Beverly Hills**, County of **Los Angeles**, State of **California**, as is described as:
Reservoir No. 4A New Overflow Pipeline and Stairs (Job #10103) within the City of Beverly Hills
9. The street address of said property is 1135 Miradero Drive

Dated: _____

STATE OF CALIFORNIA	}	Signature of	}
COUNTY OF LOS ANGELES	}	Owner or Owners	}

Byron Pope, being duly sworn, says: That he is the City Clerk of the **City of Beverly Hills**, the corporation that executed the foregoing notice as owner of the aforesaid interest or estate in the property therein described; that he makes this verification of behalf of said corporation; that he has read said notice and knows the contents thereof, and that the facts therein stated are true.

Signature of
Corporate Officer
Named Above X _____

Attachment 2



RON CHAPMAN, MD, MPH
Director & State Health Officer

State of California—Health and Human Services Agency
California Department of Public Health



EDMUND G. BROWN JR.
Governor

March 29, 2013

Mr. Kevin Watson
Water Operations Manager
City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210

Dear Mr. Watson:

**SYSTEM NO. 1910156 – CITY OF BEVERLY HILLS WATER DEPARTMENT,
RESERVOIR 4A**

We have reviewed your letter dated March 13, 2013, requesting the Department to extend the deadline for completing the construction of the overflow system for Reservoir 4A as specified in the Department's letter dated February 1, 2013 from within three months after the South Basin is placed into service to up to one year. You indicated during a meeting on February 25, 2013 at our office that the City's consultant had determined that the existing overflow piping is in need of replacement for structural reason. The City would need more time to complete the design and construction of the overflow system.

Reservoir 4A has two chambers: the South Basin and the North Basin. The City plans to place the South Basin into service before the completion of the overflow and drainage system, in order to meet system demand. In your letter, you stated the City would fully comply with the Conditions 1 to 4 listed in the Department's February 1, 2013 letter and would complete the construction of the drainage system in accordance with the deadline specified in Condition 5 of the same letter. In addition, the City would:

1. Install blind flanges at the North Basin of Reservoir 4A outlet pipes (two locations) to isolate the North Basin of Reservoir 4A from any portion of the distribution system. North Basin would be utilized as an overflow basin while South Basin is in service.
2. Closely monitor the South Basin to prevent any overflow into the North Basin. The SCADA system would be used as the first line of defense to prevent overflowing the South Basin. In rare events of signal failure, the City would have standby operators responding to any potential overflow incident within 45

Southern California Drinking Water Field Operations Branch, Southern California Section
500 North Central Ave., Suite 500, Glendale, CA 91203
Telephone: (818) 551-2004 Fax: (818) 551-2054
Internet Address: www.cdph.ca.gov

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minutes of signal failure and to reduce flow or turn off the pumps feeding Reservoir 4A.

3. Have the drain pumps installed in both the North and South Basins to empty the overflows if any, from the North Basin into the existing overflow drain with a proper air gap.
4. Request a budget from the City Council to construct a new permanent overflow pipe for Reservoir 4A. The existing 8-inch concrete overflow pipe can safely handle up to 700 gpm flow in the event of an overflow and can be utilized to drain any of the basins with the proposed drain pumps.

This is to confirm that your overflow construction deadline extension request has the Department's approval. If you have any questions, please contact Ms. Ofelia Oracion at (818) 551-2020 or myself at (818) 551-2045.

Sincerely,



Shu-Fang Orr, P.E.
District Engineer
Angeles District

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bcc: Angeles System No. 1910156 Correspondence File
Reading
District
Ofelia Oracion - PICME

Reservoir 4A March 29 2013.doc
SO/so