



AGENDA REPORT

Meeting Date: December 16, 2008
Item Number: F-18
To: Honorable Mayor & City Council
From: Ara Maloyan, Deputy City Engineer
Subject: ACCEPTANCE OF THE CONTRACT WORK FOR THE CONSTRUCTION OF SUNSET RESERVOIR DRAIN SYSTEM AND REHABILITATION OF RESERVOIR 4A INLET/OUTLET LINES BY J. FLETCHER CREAMER & SON, INC. (JFC) IN THE FINAL AMOUNT OF \$838,802, APPROVAL OF ISSUANCE OF A CHANGE ORDER IN THE AMOUNT OF \$126,082 TO JFC, AUTHORIZATION OF THE CITY MANAGER TO SIGN CHANGE ORDER NO. 1 ON BEHALF OF THE CITY AND AUTHORIZATION FOR THE RECORDATION OF THE NOTICE OF COMPLETION

Attachment: 1. Change Order No. 1

RECOMMENDATION

It is recommended that the City Council accept the described work with J. Fletcher Creamer & Son, Inc. (JFC), approve the issuance of a change order in the amount of \$126,082 to JFC, authorize the City Manager to sign Change Order No. 1 on behalf of the City and authorize the City Clerk to record the Notice of Completion.

INTRODUCTION

This report provides information to the City Council for acceptance of the contract work in the final amount of \$838,802, approval of a change order, authorization for the signing of this change order by the City Manager, and authorization for the recordation of the Notice of Completion with Los Angeles County Recorder.

DISCUSSION

On December 5, 2007, a contract in the amount of \$712,720 was awarded to JFC on the basis of sealed competitive bids received after public advertising for the Construction of Sunset Reservoir Drain System and Rehabilitation Reservoir 4A Inlet/Outlet Lines.

This project was implemented to replace the drain line at Sunset Reservoir and replace the inlet/outlet lines at Reservoir 4A.

The drain line at Sunset Reservoir was constructed in 1957 and it had numerous breaks and blockages. The drain line limited staff's ability to drain Sunset Reservoir in the event of an emergency and/or perform regular maintenance.

JFC mobilized on May 12, 2008, and constructed 220 feet of 12-inch Class 52 restrained joint ductile iron pipe from Sunset Reservoir to the storm drain catch basin located in the alley south of Sunset Boulevard and west of Alpine Drive. Two hatches were also installed on the roof of Sunset Reservoir to allow access for a submersible pump, which will be required to totally drain the reservoir.

Reservoir 4A is the storage facility that provides domestic supply and fire protection to the westerly portion of Zone 8 of the water distribution system (area between Coldwater Cañon Drive and the west City limits). The original construction contract specified replacing these inlet/outlet lines utilizing pipe bursting construction due to the steep slope site condition. However, during the pipe bursting procedure, JFC discovered that the existing pipes were anchored by concrete pipe anchors and consequently pipe bursting would not work. The project design engineer, RBF Consulting, was informed and they made a field design change opting to replace a portion of the inlet/out lines by open trench construction and opting to perform directional boring for that portion of the inlet/outlet lines between Reservoir 4A site and the Coldwater Bridle Path. This change resulted in a construction change order to JFC in the amount of \$126,082.

JFC ended up installing 150 feet of 14-inch HDPE pipe, 900 feet of 16-inch Class 52 ductile iron pipe, 400 feet of 18-inch HDPE pipe, 10 water valves, and one fire hydrant as part of the rehabilitation of Reservoir 4A inlet/outlet lines.

Engineering Division personnel inspected the work and have assured that the work was completed according to the contract documents approved for this project.

FISCAL IMPACT

The original contract construction purchase order, which included a \$150,000 contingency allowance, was \$862,720. The project had one change order in the amount of \$126,082. Therefore, the total revised contract amount is \$838,802 as noted below:

Original Contract Amount	\$712,720
Change Order No. 1	\$126,082
Final Contract Amount	<u>\$838,802</u>

The current amount paid on the contract is \$754,921.80 with a balance of \$83,880.20 due to be paid 35 days after the recordation of the Notice of Completion.

 David Gustavson
Approved By

Attachment 1

Change Order No. 1

City Contract Number 477-07
Purchase Order Number

**CITY OF BEVERLY HILLS
PUBLIC WORKS AND TRANSPORTATION DEPARTMENT
CONTRACT CHANGE ORDER NUMBER 1**

6/18/08

PROJECT: Sunset Reservoir Drain System and Rehabilitation of Reservoir 4A
Inlet/Outlet Line within City of Beverly Hills, California

CHANGE PROPOSED:

Installation of the Inlet/Outlet Line from The Bridle Path to Reservoir 4A by Direction Drilling, construction the Inlet/Outlet Line from Miradero Drive to Reservoir 4A by open trench. The change of construction method is due to the existing pipes are anchored by concrete pipe anchors and ~~can't~~ be replaced by pipe bursting. This change order also included the extra labor cost for installation of the letter inside Sunset Reservoir. This work will start June 23, 2008.

Engineering staff has reviewed this proposal and finds it reasonable with the given provisions. The City grants an additional \$126,082.00 for these changes.

Adjustment of contract time of completion: 0 Days

Agreed CO price: \$126,082.00 (Increase)

Approved:	_____	_____
	(City)	(Date)
Accepted:	<u>Bruce Scott</u>	<u>11/19/08</u>
	(Contractor)	(Date)
Reviewed:	<u>[Signature]</u>	<u>11/25/08</u>
	(Civil Engineering)	(Date)
	<u>[Signature]</u>	<u>11/25/08</u>