

# STAFF REPORT



# ITEM NO. 13

## CITY OF OCEANSIDE

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DATE: June 18, 2008

TO: Honorable Mayor and City Council Members

FROM: Water Utilities Department

SUBJECT: **APPROVAL OF CHANGE ORDER 3 IN THE AMOUNT OF \$85,074.44 TO ORION CONSTRUCTION CORPORATION FOR ADDITIONAL CONSTRUCTION ITEMS FOR THE LOMA ALTA CREEK ULTRA-VIOLET TREATMENT FACILITY PROJECT; AND AUTHORIZATION FOR THE CITY ENGINEER TO EXECUTE THE CHANGE ORDER**

### SYNOPSIS

Staff and the Utilities Commission recommend that the City Council approve Change Order 3 in the amount of \$85,074.44 to Orion Construction Corporation of Vista for additional construction items for the Loma Alta Creek Ultra-Violet Treatment Facility project, and authorize the City Engineer to execute the Change Order.

### BACKGROUND

Loma Alta Lagoon and Buccaneer Beach, located in the City of Oceanside, have a history of high bacteria levels. Since 1992, the Water Utilities Department has pumped the dry-weather flows from the Loma Alta Lagoon directly into the wastewater ocean outfall. This practice allowed Buccaneer Beach to remain open and free from postings during popular summer months. Due to insufficient capacity in the outfall, an alternative to the diversion was necessary. This Ultra-Violet Facility at the Loma Alta Creek project (UV Facility) allows the flows to be discharged directly into the ocean after treatment and frees up outfall capacity for wastewater.

On January 16, 2006, Council adopted a resolution authorizing entering into an agreement with the State of California for a Proposition 40 Clean Beaches Initiative grant for the UV Facility. The amount of the grant is \$5,000,000.

On June 20, 2007, Council awarded a construction contract in the amount of \$3,662,949.35 to Orion Construction Corporation of Vista.

### ANALYSIS

Change Order 3 (Exhibit A) consists of adding a phone line, control panel, valve operator extensions, pipe supports, pipe barricades, handrail exit lights, electrical power to two air dryers, and moisture relays. The total cost of Change Order 3 is \$85,074.44.

Change Order 2 consisted of a revision to test pile and the addition of a test pile. The total cost of Change Order 2 was \$9,950.27.

Change Order 1 consisted of revisions to the endwall structure, increase in length of the multidisc fine screen machine, removal of excess soil from excavation, waterproofing the treatment facility wall, additional labor, equipment and time for adding 5 piles, increase in pile length, adding a manhole, and additional work for electrical and SCADA system. The total cost of Change Order 1 was \$5,861.33.

**FISCAL IMPACT**

There is an adopted budget of \$5,000,000 (711.667112) for the Loma Alta Lagoon Ultra-Violet Treatment Facility Project. The construction contract is \$3,662,949.35 plus Change Orders 1, 2 and 3, for a total construction cost of \$3,763,835.39. There are available funds for these change orders.

**COMMISSION OR COMMITTEE REPORT**

The Utilities Commission approved staff's recommendation at its regularly scheduled meeting on May 20, 2008.

**CITY ATTORNEY'S ANALYSIS**

The referenced documents have been reviewed by the City Attorney and approved as to form.

**INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be met.

**RECOMMENDATION**

Staff and the Utilities Commission recommend that the City Council approve Change Order 3 in the amount of \$85,074.44 to Orion Construction Corporation of Vista for additional construction items for the Loma Alta Creek Ultra-Violet Treatment Facility project, and authorize for the City Engineer to execute the Change Order.

PREPARED BY:

  
\_\_\_\_\_  
Greg Blakely  
Administration Manager

SUBMITTED BY:

  
\_\_\_\_\_  
Peter A. Weiss  
City Manager

REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager

Lonnie Thibodeaux, Water Utilities Director

Teri Ferro, Financial Services Director

  
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**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER**

DATE: May 7, 2008  
PROJECT #: 712.858240  
PROJECT TITLE: **Loma Alta Ultraviolet Treatment Facility**  
CHANGE ORDER #: No. 3  
PURCHASE ORDER #: 61109

This change order provides for: (describe work to be done, estimate of quantities and prices to be paid, state reason for change)

1) Bid Item 5 which provides credit for a decrease in pile length - no decrease in pile length occurred.	\$4,590.00
2) Install AT&T phone line from pole to PLC at Treatment Facility (COR 12)	\$3,721.40
3) Add control panel LCP-07 to allow operation of Infilco Multi Disc Fine Screen (COR 13)	\$20,785.00
4) Add valve operator extensions at submersible pump shut-off valves (COR 14)	\$6,089.83
5) Add pipe supports for submersible pump discharge pipes (COR 15)	\$4,811.06
6) Add pipe barricades in front of new transformer and switchgear per SDG&E inspector (COR 16)	\$2,730.41
7) Time and Material for screening on-site material to be used as trench and structure backfill and for lost time due to unforeseen underground conditions (COR 17)	\$29,364.12
8) Add handrail at Screenings/Pump Station structure (COR 18)	\$6,887.84
9) Add 4 EXIT lights inside UV Treatment and Electrical Building (COR 19)	\$1,543.75
10) Add 4890V and 120V power to two air dryers for the sand filter compressors (COR 20)	\$1,523.21
11) Add moisture relays at the MCC to detect moisture inside submersible pump motors (COR 21)	\$3,027.82
<b>Total</b>	<b>\$85,074.44</b>

This Change Order shall include all general contractor's overhead, profit and incidentals, and contractor shall not be entitled to any additional payment regarding this Change Order.

Estimated Cost: **Increase** \$85,074.44      **Decrease** \_\_\_\_\_      **No Change** \_\_\_\_\_

By reason of this order the time of completion will be adjusted as follows: 37 days.

Recommended by: Greg Blakely, Project Manager

Contract Summary:

Approved: CITY OF OCEANSIDE

Initial Contract Amount: \$3,662,949.35

BY: \_\_\_\_\_

Previous Change Orders: \$15,811.60

Scott O. Smith, City Engineer

This Change Order: \$85,074.44

Approved: ORION CONSTRUCTION CORPORATION  
Contractor

Total to Date: \$3,763,835.39

Additional Appropriation Required: No

BY: *Hud Andrews* 5/8/2002

Original to: City Clerk

Copies to: Accounts Payable

Contractor

Inspector

File