



GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

August 30, 2011

35 August 30, 2011

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

Dear Supervisors:

**CHANGES IN WORK FOR VARIOUS PUBLIC WORKS CONTRACTS
IN THE CITY OF LONG BEACH AND
IN THE UNINCORPORATED COMMUNITIES OF SUNLAND AND SYLMAR
(SUPERVISORIAL DISTRICTS 4 AND 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amounts for various public works construction contracts in the City of Long Beach and in the unincorporated communities of Sunland and Sylmar.

**IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY
OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT:**

Find that the requested changes in work have no significant effect on the environment and approve the changes and increased contract amounts for the following construction contracts:

- Project ID No. FCC0000530 – Termino Avenue Drain, construction of a storm drain system and water main, in the City of Long Beach, for changes related to modifying pavement restoration and groundwater dewatering, with an increase in the contract amount of \$480,126.18, being performed by W. A. Rasic Construction Company, Inc.

- Project ID No. FCC0001165 – Pacoima Dam Underground Utility Project, removal and replacement of potable and nonpotable waterlines and construction of electrical and communication conduits, in the unincorporated community of Sylmar, for changes related to extending water, power, and telecommunication lines; removing concrete slab; and replacing bridge guard posts; with an increase in the contract amount of \$122,600, being performed by J. Fletcher Creamer & Son, Inc.
- Project ID No. WRDD000005 – Big Tujunga Dam Seismic Rehabilitation and Spillway Modification, construction of a thick arch dam, spillway, abutment wall, control house, and generator building; performance of common excavation, rock excavation, consolidation grouting, electrical, and instrumentation work, and plumbing work; and installation of penstocks, butterfly and jet flow valves, and a generator system, in the unincorporated community of Sunland, for changes related to variations in bid quantities and utilizing divers to remove bulkhead and sediment, with an increase in the contract amount of \$935,317.65, being performed by Shimmick Construction Company, Inc.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended actions is to obtain approval of the projects from your Board for changes in various public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the enclosure for each contract.

The Chief Engineer or her designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your Board's approval are changes in work in excess of the Chief Engineer's delegated limits, which are required to complete Project ID Nos. FCC0000530, FCC0001165, and WRDD000005.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected communities.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts range from \$122,600 to \$935,317.65.

Project ID Nos. FCC0000530, FCC0001165, and WRDD000005 are included in the Fiscal Year 2011–12 Flood Control District Fund Budget.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The subject contracts for the construction of public works improvements were awarded by your Board to responsible contractors with the lowest responsive bids in accordance with the State Public Contract Code, your Board's directives, and as recommended by the Chief Engineer or her designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
August 30, 2011
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CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works,
Construction Division.

Respectfully submitted,



GAIL FARBER
Director of Public Works

GF:JTS:lg

Enclosures

c: Chief Executive Office (Rita Robinson)
County Counsel
Department of Human Resources
Executive Office

CHANGES IN WORK (APPROVE)
August 30, 2011

PROJECT ID NO. FCC0000530 – Termino Avenue Drain (in the City of Long Beach),
Supervisorial District 4, Contractor: W. A. Rasic Construction Company, Inc.

Project Description:

Construct a storm drain system and water main and the performance of other appurtenant work.

Changes in Work:

| | |
|---------------------------------|---------------------|
| (1) Modify pavement restoration | \$275,000.00 |
| (2) Groundwater dewatering | <u>205,126.18</u> |
| Total | <u>\$480,126.18</u> |

Description of Changes:

(1) Due to existing conditions differing from what is shown on the plans, it is necessary to modify the pavement restoration work in order to properly restore the roadways affected by the storm drain construction.

(2) It is necessary to compensate the contractor to remove unanticipated groundwater from the construction excavation.

The costs for these changes were negotiated as provided in Subsection 3-2 of the contract specifications

Fifteen additional working days will be required because of these changes.

Financial Information:

The project is entirely within the City of Long Beach (City). A City-County cooperative agreement provides for the City to finance its share of the project cost. Sufficient funds for these changes in work are available in the Fiscal Year 2011–12 Flood Control District Fund Budget.

Revised Contract Amount:

| | |
|---|------------------------|
| Original contract amount | \$22,640,000.00 |
| Changes in work approved by the Director of Public Works | 620,420.11 |
| Changes in work previously approved by your Board | 424,327.31 |
| Change in work to be approved | <u>480,126.18</u> |
| Revised contract amount | <u>\$24,164,873.60</u> |
| Percent total change to original contract amount | 6.7% |

RE:lg

CHANGES IN WORK (APPROVE)
August 30, 2011

PROJECT ID NO. FCC0001165 – Pacoima Dam Underground Utility Project (in the unincorporated community of Sylmar), Supervisorial District 5, Contractor: J. Fletcher Creamer & Son, Inc.

Project Description:

Removal and the replacement of potable and nonpotable waterlines, construction of electrical and communication conduits, and the performance of other appurtenant work.

Changes in Work:

| | |
|--|---------------------|
| (1) Extend water, power, and telecommunication lines | \$110,000.00 |
| (2) Remove concrete slab | 7,500.00 |
| (3) Replace bridge guard posts | <u>5,100.00</u> |
| Total | <u>\$122,600.00</u> |

Description of Changes:

(1) A waterline running from the spillway to the hoist house of the dam has been found to be in disrepair and in need of replacing. In addition, telecommunication and electrical conduits for future use will be added to this run while the contractor is trenching to replace the waterline. This work is not shown on the plans.

(2) During excavation operations, an interfering concrete slab was discovered. It is necessary to compensate the contractor for the removal of this slab in order to proceed with construction of the work.

(3) Eight timber guard posts that will be supporting the new waterlines and conduits are split or dry and cracked and must be replaced. This work is not shown on the plans.

The costs for Items 1 and 2 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The cost for Item 3 was negotiated as provided in Subsection 3-2 of the contract specifications.

Fourteen additional working days will be required because of these changes.

Financial Information:

Sufficient funds for these changes in work are included in the Fiscal Year 2011-12 Flood Control District Fund Budget.

Revised Contract Amount:

| | |
|--|---------------------|
| Original contract amount | \$783,820.00 |
| Changes in work to be approved | <u>122,600.00</u> |
| Revised contract amount | <u>\$906,420.00</u> |
| Percent total change to original contract amount | 16% |

CM:lg

CHANGE IN WORK (APPROVE)
August 30 2011

PROJECT ID NO. WRDD000005 – Big Tujunga Dam Seismic Rehabilitation and Spillway Modification (in the unincorporated community of Sunland), Supervisorial District 5, Contractor: Shimmick Construction Company, Inc.

Project Description:

Construction of thick arch dam, spillway, abutment wall, control house and generator buildings; performance of common excavation, rock excavation, consolidation grouting, electrical and instrumentation work, and plumbing work; installation of penstocks, butterfly and jet-flow valves, and a generator system; and the performance of other appurtenant work.

Changes in Work:

| | |
|--|---------------------|
| (1) Variations in bid quantities | \$748,500.00 |
| (2) Divers to remove bulkhead and sediment | <u>186,817.65</u> |
| Total | <u>\$935,317.65</u> |

Description of Changes:

(1) The original contract amount for rock anchors, grouting, and drilling is based upon an estimated quantity of this bid item. The contractor is paid based upon the actual quantity used. The increase in the contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities for rock anchors, grouting, and drilling.

(2) Due to unanticipated high flows into the reservoir and restricted ability to release water through the dam, it is not possible to lower the water level to the elevation necessary to access work areas at the outlet. In order to meet construction schedules and prevent delays, it is necessary to utilize divers to remove sediment and a bulkhead at Outlet No. 2.

The cost for Item 1 was negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 2 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

No additional calendar days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Fiscal Year 2011–12 Flood Control District Fund Budget.

Revised Contract Amount:

| | |
|---|------------------------|
| Original contract amount | \$87,183,680.00 |
| Changes in work approved under delegated authority | 462,911.25 |
| Changes in work previously approved by your Board | 6,281,822.42 |
| Changes in work to be approved | <u>935,317.65</u> |
| Revised contract amount | <u>\$94,863,731.32</u> |
| Percent total change to original contract amount | 8.8% |

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