



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

DONALD L. WOLFE, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE: **C-1**

February 7, 2006

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

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACT
SUPERVISORIAL DISTRICT 5
3 VOTES**

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested change in work has no significant effect on the environment, and approve the changes for the following construction contract:

Project ID No. WRMD000009, San Gabriel Hydroelectric Project Control and Protection Systems Upgrade, in the Angeles National Forest (5), L & S Electric, Inc., in amount of \$117,507.10.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

This action is to obtain Board approval for changes in 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 the contract.

The Honorable Board of Supervisors
February 7, 2006
Page 2

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits, which are required to complete Project ID No. WRMD000009.

Implementation of Strategic Plan Goals

Approval of this change in work, which is necessary to satisfactorily complete the project, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

FISCAL IMPACT/FINANCING

The estimated change order amount for this contract is \$117,507.10.

If this change in work is not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for this project to cover the costs of the requested changes. Detailed cost breakdowns for the changes, together with contract cost summary, are included in the enclosures.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The subject contract for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

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

CONTRACTING PROCESS

The contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of the changes are based on

The Honorable Board of Supervisors
February 7, 2006
Page 3

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 this contract and result in a complete and usable facility.

CONCLUSION

Please return one adopted copy of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE
Director of Public Works

LA

O:\Forms\Board\ciw-ltr.wpd

Enc.

cc: Chief Administrative Office
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
February 7, 2006

PROJECT ID NO. WRMD000009, SAN GABRIEL HYDROELECTRIC PROJECT
CONTROL AND PROTECTION SYSTEMS UPGRADE (in the Angeles National Forest
north of Azusa), Supervisorial District 5

Contractor: L & S Electric, Inc.

Project Description:

Removal and replacement of the hydroelectric generating control system at San Gabriel Dam.

Changes in Work:

(1) Relocate Alarm Horn and Beacon	\$ 9,728.00
(2) Install Conduit and Wiring between Turbine Shutoff Valve and Control Panel	9,090.00
(3) Provide and Install Air Conditioning and Heating for the Switchgear Building	27,637.00
(4) Provide Comprehensive As-Built Drawings	42,500.00
(5) Provide a new Power Line to the Silo Elevator	16,168.15
(6) Provide Lighting for the New Switchgear Canopy	11,543.95
(7) Install New Float Switch in Silo	<u>840.00</u>
Total	<u>\$117,507.10</u>

Description of Changes:

(1) In order for the dam operator to hear the alarm horn during an emergency, it will be necessary for the contractor to relocate the alarm horn and the beacon from the control panel to the southwest corner of the control building. This work is not shown on the plans.

(2) In order for the switches to be operable for the project start up and commissioning, it will be necessary for the contractor to install new conduit and wiring between the turbine shutoff valve and the existing control panel. This work is not shown on the plans.

(3) In order to maintain the proper temperature and protect the new equipment in the switchgear building, it will be necessary for the contractor to provide and install heating and air-conditioning systems. This work is not shown on the plans.

(4) In order to have a comprehensive set of as-built drawings for the new control and protection systems, it will be necessary for the contractor to redraw and consolidate the existing as-built plans with the new set of drawings. This work is not included in the contract specifications.

(5) The existing power line serving the silo elevator has insufficient power and is not compatible with the new system upgrade. It will be necessary for the contractor to provide a separate power line to the silo elevator. This work is not shown on the plans.

(6) In order to provide sufficient outside lighting for the new switchgear canopy, it will be necessary for the contractor to provide and install new conduit, wiring, and grounding. This work is not shown on the plans.

(7) In order to protect the silo elevator from flooding, it will be necessary for the contractor to relocate the existing high water alarm switch. This work is not shown on the plans.

The costs for Items 1 through 7 were negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-five additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$556,320.00
Changes in work previously approved by the Board	134,220.50
Changes in work to be authorized	<u>117,507.10</u>
Revised contract amount	<u>\$808,047.60</u>

AD:tn

O:\Projects\Special\SanGabrielHydroelectricProjectControlSystemUpgrade(WRDM000009)\Board\CIW 7,12,16,17,18,19&20.doc