

CITY OF TORRANCE, CALIFORNIA
Issued: April 27, 2010

ADDENDUM NO. 1

TO

**PROPOSAL, SPECIFICATIONS, BOND AND
AFFIDAVIT FOR THE CONSTRUCTION
OF
PARKING LOT RESURFACING AT THE
TORRANCE POLICE DEPARTMENT
B2010-04**

Note the following changes and/or additions to the Specifications for the project indicated above. The bidder shall execute the Certification at the end of this addendum, and shall **attach all pages of this addendum to the Contract Documents submitted with the Bid**. In addition, the bidder shall fill out and submit the "Acknowledgment of Addenda Received" Form provided in Section C of the Specifications.

1. The following Section 307 is hereby added to the Specifications.

SECTION 307 – STREET LIGHTING AND TRAFFIC SIGNALS

Delete the entire Section 307, and replace with Section 86 of the Caltrans Standard Specifications.

86-1 GENERAL.

86-1.01 Description. Replace the entire subsection with the following:

The Work shall consist of furnishing and installing six (6) 8' long by 3' wide inductive loop detectors at the entrance and exit of both the north and south sliding gates to the Police Department's parking lot. At each "exit" gate, two (2) inductive loop detectors will be installed in the new pavement. At each "entrance" gate, one (1) inductive loop detector will be installed in the new pavement. The work includes connecting each inductive loop detector to the gate controller cabinet at each gate. The estimated length of "home run" wiring is approximately 20 feet for each "exit" loop and approximately 40 feet for each "entrance" loop.

All systems shall be complete and in operating condition at the time of acceptance of the Work.

86-1.04 Warranties, Guaranties and Instruction Sheets. Add the following:

Guaranty for all Work, materials and labor shall be valid for a period of one year from the date of acceptance of the Work.

Full compensation for furnishing the guaranty will be considered as included in the Contract Unit Price for **INSTALL PAVEMENT AND PARKING STALL STRIPING, MARKINGS, AND LEGENDS** involved and no additional compensation will be allowed therefore.

86-2 MATERIALS AND INSTALLATION.

86-2.09D Splicing and Terminations. Add the following:

All new conductors shall extend from the inductive loop detectors to the terminal compartment or termination point in each gate controller cabinet. No splicing shall be permitted, unless the Engineer authorizes the use of existing conductors and splicing.

Conductors #10 AWG or larger shall be spliced by the use of approved "C" shaped compression connectors.

86-2.09E Splice Insulation. Replace the first sentence of the last paragraph with the following:

The Contractor shall use splice insulation "Method B".

86-5 DETECTORS.

86-5.01 Vehicle Detectors.

86-5.01A Inductive Loop Detectors.

Inductive Loop Detectors shall be 8' long by 3' wide and match the existing layout. However, the Engineer reserves the right to direct the contractor to install either Type C or Type E loop detectors per Caltrans Standard Plan ES-5B and at no additional cost to the City.

86-5.01A(4) Construction Materials. Replace the first paragraph with the following:

Conductor for each inductive loop detector shall be continuous and unspliced and shall conform to the following:

Type 1 loop wire shall be Type RHW-USE neoprene-jacketed or Type USE cross-linked polyethylene insulated, No. 12, stranded copper wire. The minimum insulation thickness at any point shall be 40 mils.

86-5.01A(5) Installation Details. Add the following:

Asphaltic emulsion sealant shall be used in all sawcuts.

The Contractor shall test the detectors with a motor-driven cycle, as defined in the California Vehicle Code that is licensed for street use by the Department of Motor Vehicles of the State of California.

The unladen weight of the vehicle shall not exceed 220 pounds and the engine displacement shall not exceed 100 cubic centimeters. Special features, components or vehicles designed to activate the detector will not be permitted. The Contractor shall provide an operator who shall drive the motor-driven cycle through the response or detection area of the detector at no less than three miles per hour and no more than seven miles per hours. The detector shall provide an indication in response to this test.

86-8 PAYMENT.

86-8.01 Payment. Replace the entire subsection with the following:

Payment for inductive loop detectors shall be considered as part of the Contract Unit Price for **INSTALL PAVEMENT AND PARKING STALL STRIPING, MARKINGS, AND LEGENDS** and shall include full compensation for all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing and installing inductive loop detectors, as specified in these Special Provisions, and as directed by the Engineer.

By Order of the Acting City Engineer

/S/ Elizabeth Overstreet

ELIZABETH OVERSTREET
Acting City Engineer

BIDDER'S CERTIFICATION

I acknowledge receipt of the foregoing Addendum No. 1 and accept all conditions contained therein.

Bidder

By

Date

******* Submit this executed form with the bid *******

**Please fill out and submit the
"Acknowledgment of Addenda Received" form
provided in Section C of the Specifications.**