



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 31, 2007

SUBJECT: FAU Route 1223
(Washington Street)
Project CMM-8003(508)
Section 04-00272-00-TL
Lake County
Contract No 83932
Item 40 A
August 3, 2007 Letting

TO PROSPECTIVE BIDDERS:

To clarify information it is necessary to revise the following:

**Proposal- Added Special Provision "Garage Mounted Equipment" on page 106.
Revised Table of Contents**

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal. Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Since the proposal sheets are printed back to back, bidders are cautioned to exercise care when inserting revised and/or added special provisions into their proposals.

Please call 217-782-7806 if any of the above-described material is not included in this transmittal.

Very truly yours,

Eric Harm
Interim Engineer of Design and Environment

A handwritten signature in cursive script, appearing to read 'Ted B. Walschleger', followed by the initials 'P.E.'.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

GARAGE MOUNTED TEST EQUIPMENT

This work shall consist of furnishing a garage mounted testing equipment system, which includes all control electronics, optical detectors, confirmation beacons, phase selector, cabinet and delivery of the system to PACE-North Division garage for installation by others.

The garage mounted testing equipment system shall detect a vehicle departing the garage and activate a Low Priority emitter that would transmit to an optical detector. The optical detector would be connected to an Opticom™ Model 752 phase selector that would validate the signal and turn on a confirmation beacon, indicating to the driver that the emitter is functioning properly. The phase selector shall also be capable of storing the vehicle ID number along with time and date on a log buffer for future remote retrieval.

The equipment required consists of:

- 1 each Opticom™ Model 752 Dual Priority Phase Selector. It shall be capable of detecting and discriminating a precisely controlled flash rate of 9.63855 +/- 0.00140 Hz (low priority).
- 1 each Opticom™ Model 711 Optical Detector
- 1 lot detector cable, 3 conductor #20 AWG per spec
- 1 each confirmation beacon
- 1 each cabinet (to house phase selector and auxiliary equipment)

All equipment shall be approved by PACE and Lake County Division of Transportation.

Basis for Payment: This item will be paid for at the contract unit price each for furnishing and delivering GARAGE MOUNTED TEST EQUIPMENT complete, including all hardware, cable, cabinet, and software and connection required for proper installation others.

106

Added

7/31/07

Cabinet Neatness.....	30
Vendor Representation.....	30
Electric Cable.....	31
Steel Mast Arm Assembly and Pole, Steel Combination Mast Arm Assembly and Pole.....	31
Steel Mast Arm Assembly and Pole (Special), Steel Combination Mast Arm Assembly and Pole (Special).....	31
Traffic Signal Post.....	32
Traffic Signal Post (Special).....	32
Inductive Loop Detector.....	33
Illuminated Sign, LED.....	33
LED Internally Illuminated Street Name Sign.....	34
Re-Optimize Traffic Signal System.....	34
Signal Heads.....	35
Signal Head, Light Emitting Diode (LED).....	36
Pedestrian Signal Head, Light Emitting Diode (LED).....	38
Traffic Signal Backplate, Louvered Aluminum.....	39
Video Detection System, (Complete Intersection).....	39
Remote-Controlled Video System.....	43
Camera Mounting Assembly.....	43
Video Transmission System.....	43
Layer II (Data Link) Switch.....	44
Layer III (Network) Switch.....	44
Video Communication Cabinet.....	45
Relocate Existing Video Detection System (Complete Intersection).....	46
Relocate Existing Remote-Controlled Video System.....	47
Relocate Existing Switch.....	47
Electric Cable in Conduit, Coaxial.....	48
Electric Cable in Conduit, Communication, No. 16, 5 ½ Pair.....	48
Pedestrian Activated Crosswalk Warning System.....	49
Detectable Warnings.....	50

Garage Mounted Test Equipment 106