



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 18, 2006

SUBJECT: FAP Route 653
Project F-0653(022)
Section (7)R, RS-2; (8)R, RS-1
LaSalle County
Contract No. 66362
Item No. 89, 4/28/2006 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised sheets 5, 6 and 7 of the Plans.
2. Revised page 14 of the Special Provisions.

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.

Very truly yours,

Michael L. Hine
Engineer of Design
and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger P.E.'.

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

cc: Greg Mounts, Region 2, District 3, Rogert Driskell
Estimates; Design & Environment File

RS/sar

visa versa shall not interfere with the normal operation of traffic controller, conflict monitor/malfunction management unit or any other peripheral devices within the traffic controller assembly.

The UPS shall provide power for full run-time operation for an "LED-only" intersection (all colors red, yellow, and green) or flashing mode operation for an intersection using Red LED's.

The UPS shall be designed for outdoor applications, and shall meet the environmental requirements of, "NEMA Standards Publication No. TS 2 – Traffic Controller Assemblies," or applicable successor NEMA specifications, except as modified herein.

862.04 Installation. When UPS is installed at an existing traffic signal cabinet, the battery cabinet shall be secured to the existing controller cabinet by means of at least four bolts. The battery cabinet shall include a bottom constructed from the same material as the cabinet. The battery cabinet shall partially rest on the lip of the existing controller cabinet foundation.

When UPS is installed at a new signal cabinet and on new controller foundation, it shall be mounted as shown on the plans.

862.05 Basis of Payment. This work will be paid for at the contract lump sum price for UNINTERRUPTIBLE POWER SUPPLY and installed at traffic signal cabinet type specified."

The traffic signal cabinet type will specify whether an existing signal cabinet or a proposed signal cabinet.

Insert the following after Article 1074.03:

"1074.04 Uninterruptible Power Supply.

(a) Operation.

1. The UPS shall be line interactive and provide voltage regulation and power conditioning when utilizing utility power.
 - a. The UPS shall be sized appropriately for the intersection load. The total system load shall not exceed the manufacturer's specifications.

The UPS shall provide a minimum two (2) hours or a minimum six (6) hours of full run-time operation for LED signal modules load at 25 °C (77 °F) (minimum 700W/1000VA active output capacity, with 80% minimum inverter efficiency). The two UPS, differing in the minimum duration of full run-time operation, shall be designated as UPS STANDARD and UPS EXTENDED respectively.

2. The maximum transfer time from loss of utility power to switchover to battery backed inverter power shall be 65 milliseconds.