



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 26, 2018

SUBJECT: FAI Route 24 (I-24)
Project NHPP-G4U1(940)
Section (64-3B)L-2
Massac County
Contract No. 78589
Item No. 90, March 9, 2018 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 the Schedule of Prices
2. Revised page 8 of the Special Provisions
3. Revised sheets 4, 13 and 17 of the Plans

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Very truly yours,

Jack A. Elston, P.E.
Acting Bureau Chief
Bureau of Design and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' with a small 'P.E.' to the right.

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

cc: Jeffrey Keirn, Region 5, District 9; Tim Kell; Estimates

CWR/ck

Add the following to existing paragraph 822.03 of the Standard Specifications:

“Install the SOOW cord in such manner as to avoid damage to the jacket:

Use water-tight cord grips on all external conduit ends, device box cable entrances, and navigation obstruction light cable entrances.

Leave adequate slack loops so as to fully accommodate navigation obstruction light movements for maintenance.

Attach, clamp or otherwise support the SOOW cord at intervals as required by the National Electrical Code.”

The Contractor shall provide one spare bulb with each waterway obstruction warning luminaire used on this project.

AVIATION OBSTRUCTION WARNING LUMINAIRE

Section 822 of the Standard Specifications for Road and Bridge Construction, adopted April 1, 2016 shall be modified as follows.

Add the following to existing paragraph 822.03 of the Standard Specifications:

“Mounting of the Aviation Obstruction Warning Luminaire shall be as recommended by the manufacturer and as shown on the Plans. Provide and install ¼” neoprene vibration isolation pads for luminaires. Pads shall be sized to accommodate luminaire base, approximately 50 durometer rated, UV resistant, and rated for outdoor installation.”

Replace existing paragraph 1067.07(b) of the Standard Specifications with the following:

“Aviation Obstruction Warning Luminaire shall be a dual light with Red/Medium intensity (L-864) Flashing White (L-865) type and constructed to meet all FCC and FAA requirements for continuous service under all weather conditions. The housing shall be constructed of heavy cast aluminum to accommodate a 360 degree red LED beacon and white LED strobe. The lamp shall be IP66 rated. All hardware shall be stainless steel (300 series). The light shall be rated for 120V. LED life for the optic shall exceed 50,000 hours and the end of life output shall not depreciate below 70 percent of its initial rating or a level established by the FAA, whichever is greater. It shall be equipped with built-in surge and transient protection. Flash rate shall be as specified in FAA Advisory Circular 70/7460-1L. The Aviation Obstruction Warning Luminaire controller shall be mounted as shown on the plans. The cable from the controller to the luminaire shall be installed in a liquidtight flexible non-metallic conduit (LFNC). Size conduit as required by the luminaire manufacturer cable and not to exceed 40% conduit fill.”

REMOVAL OF NAVIGATION OBSTRUCTION WARNING LIGHTING SYSTEM

Description. This work consists of removal of existing bridge navigation warning lights, raceways, conductors, and associated components as shown on the Plans. Work shall also include removal of existing aviation obstruction warning luminaires, raceways, conductors, and associated components in preparation for the installation of new equipment.

Revised 2/26/18