



Illinois Department of Transportation

Division of Aeronautics

1 Langhorne Bond Drive / Capital Airport / Springfield, Illinois / 62707-8415

October 16, 2017

SUBJECT: Pekin Municipal Airport,
Pekin, Tazewell County, Illinois
Replace Airfield Electrical Vault, Replace Beacon Unit and Tower,
Relocate Regulator; Replace Remaining Airfield Lighting, Signage and
Navigational Aids
Illinois Project No.: C15-4578
SBG Project No.: 3-17-SBGP-133/139
Contract No. PN010
Item No. 01A, November 17, 2017 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS

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

Reason for Addendum:

The existing 240 VAC to 480 VAC step-up transformer, located in the vault that powers the Runway 9 PAPI failed since original design. This transformer was originally planned to be relocated to the new vault. A new replacement transformer will need to be provided with the new vault electrical equipment.

To All Plan Holders: The Special Provision Specifications shall be updated as follows:

Add the following to Section 109, Part 109-2.19 OTHER ELECTRICAL EQUIPMENT:

L. Step-Up Transformer. Step-up transformer for use with the Runway 9 PAPI power feeder shall be rated 3 KVA, 240 VAC to 480 VAC, single phase with 180 degree C insulation class and 115 degree C temperature rise rating. Transformer shall be resin-filled suitable for use indoors or outdoors. Transformer shall be UL listed and shall include electrostatic shielding. Step-up transformer shall be suitable for wiring as 240 VAC, single phase, 2-wire, 60 Hz primary and 480 VAC, single phase, 2-wire secondary in accordance with the manufacturer's recommendations without affecting the warranty or causing excessive heating of the transformer.

The Plans shall be updated as follows:

Plan Sheet 38. Revise Keyed Note 24 as follows: "New 3 KVA, 240 VAC to 480 VAC step-up transformer for Runway 9 PAPI. Maintain 12" Clearance on both sides, top, and bottom. Provide liquid-tight flex metal conduit for connection to transformer."

Plan Sheet 40, Vault North Wall Elevation, delete the word "Relocated" from the description for the 3 KVA, 240 VAC to 480 VAC step-up transformer for Rwy 9 PAPI.

Plan Sheet 43 is updated to show a proposed 3 KVA, 240 VAC to 480 VAC step-up transformer for the Runway 9 PAPI, 480 VAC feeder circuit.

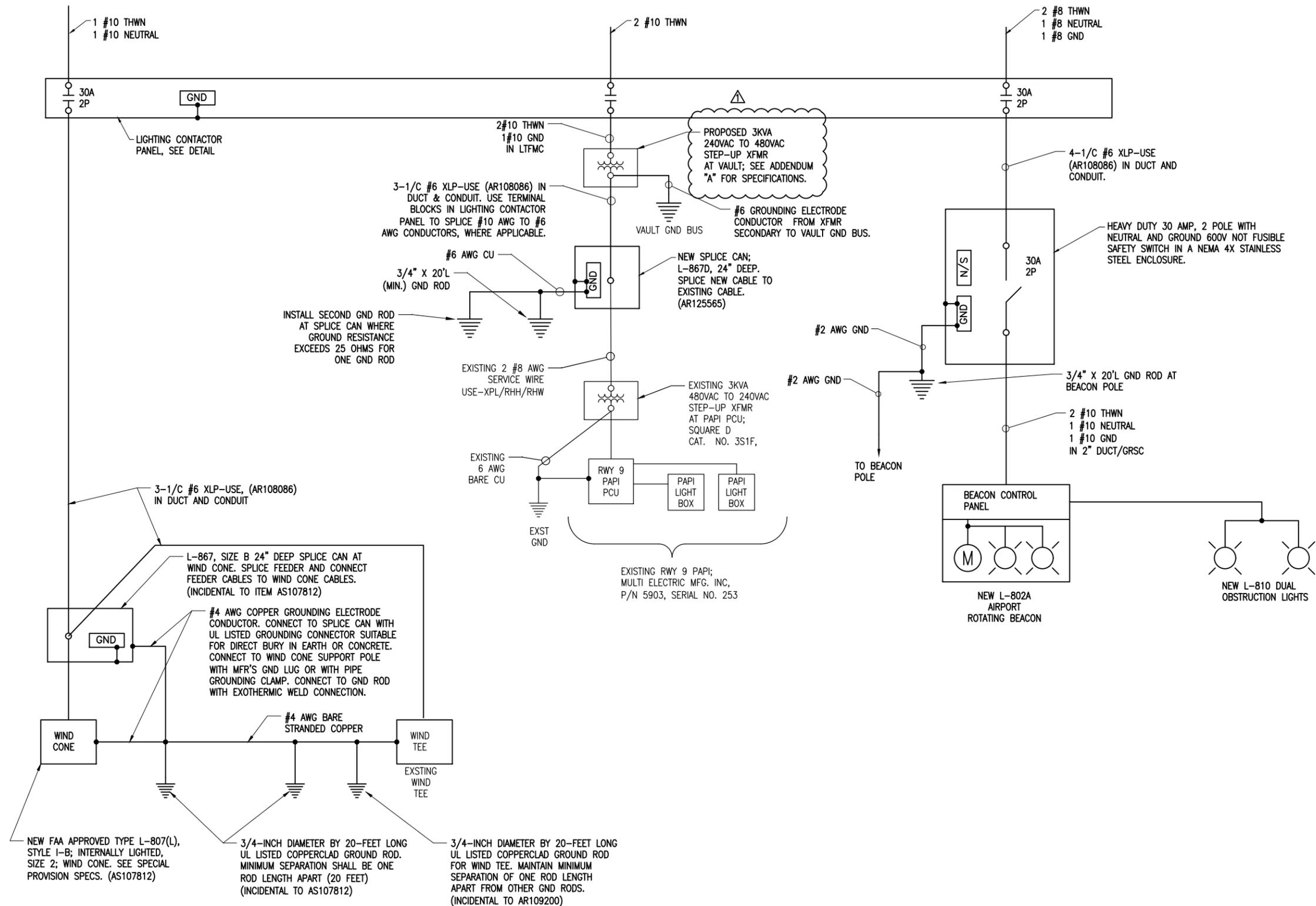
Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Questions on this addendum may be directed to Kevin Lightfoot, Hanson Professional Services Inc. Phone: 217-747-9433.

End of Addendum A

(SEE PREVIOUS SHEET FOR CONTINUATION)



PROPOSED ELECTRICAL ONE LINE DIAGRAM FOR
AIRPORT VAULT & AIRFIELD LIGHTING (CONTINUED)



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REPLACE AIRFIELD
ELECTRICAL VAULT,
REPLACE BEACON UNIT
AND TOWER; RELOCATE
REGULATOR; REPLACE
REMAINING AIRFIELD
LIGHTING, SIGNAGE AND
NAVIGATIONAL AIDS

IL Proj. No.: C15-4578

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3-17-SBGP-133/139

Contract No. PN010

NO.	DATE	DESCRIPTION
1	10/16/17	ADDENDUM A KNL CWS KNL
		DES DWN REV

ISSUE: 09/22/2017
PROJECT NO: 17A0002
CAD FILE: E-603-LINE.DWG
DESIGN BY: KNL 07/12/2017
DRAWN BY: CWS 08/02/2017
REVIEWED BY: BSS 08/21/2017

SHEET TITLE

PROPOSED
ELECTRICAL ONE
LINE FOR VAULT AND
AIRFIELD - SHEET 2