



Illinois Department of Transportation

Office of Intermodal Project Implementation / Division of Aeronautics
1 Langhorne Bond Drive / Springfield, Illinois 62707-8415

November 3, 2025

SUBJECT: Aurora Municipal Airport
Aurora, Illinois
Kane County
Illinois Project Number: ARR-5201
SBG Project Number: 3-17-SBGP-TBD
Contract No. AU075
Item No. 06A, November 7, 2025 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS

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

Reason for Addendum:

Remove ALCMS modifications from the contract.

To All Plan Holders:

Please refer to plan changes and special provisions changes.

Plan Changes:

1. Sheet 25 – Electrical Vault Details
 - a. Revise Vault Nomenclature Note 28.
 - b. Add Note 4.

Special Provisions Changes:

1. Page 31 – Item 109-1.1, Delete last sentence of last bullet point.
2. Page 34 – Delete Item 109-4.7 ALCMS Modifications.
3. Page 35 – Delete Item 109-5.5 Vault Modifications.

Schedule of Prices Changes:

No changes.

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

Questions on this addendum may be directed to Sheue Torng Lee of Crawford, Murphy & Tilly, Inc. at 630.907.7079.

ITEM 109 – INSTALLATION OF AIRPORT TRANSFORMER VAULT AND VAULT EQUIPMENT

DESCRIPTION

109-1.1

ADD:

The Contractor shall furnish all equipment, materials and labor necessary to furnish the proposed electrical vault equipment shown in the plans or as specified herein.

This item shall also consist of furnishing and installing vault equipment, complete and ready to operate. Included under the item INSTALLATION OF AIRPORT TRANSFORMER VAULT AND VAULT EQUIPMENT are the following major components of work:

- Removal of existing beacon and wind cone circuits and breakers.
- Installation of new circuit breakers for wind cone, beacon, and RGL circuits.
- Installation of cables, conduits and connections for new wind cone, beacon and RGL circuits inside the vault.
- Installation of junction box for beacon circuit
- New lighting contactor with HOA selector for new RGL circuit.
- Testing of the new circuits.
- Meggering of the new and existing airfield lighting circuits.
- Connecting new runway guard lights, new beacon and primary wind cone to ALCMS. ~~All testing, programming, and incidentals necessary to update the ALCMS system.~~

EQUIPMENT AND MATERIALS

109.2.1 GENERAL

REVISE: Paragraph (a) of the Specifications as follows:

Airport lighting equipment and materials covered by Federal Aviation Administration (FAA) specifications shall have the prior approval of the FAA and shall be listed in Advisory Circular (AC) 150/5345-53, Current Edition, Airport Lighting Equipment Certification Program, including the current Addendum. All other equipment and materials covered by other referenced specifications shall be subject to acceptance through manufacturer's certification of compliance with the applicable specification when requested by the Engineer. The Contractor is responsible for using the latest editions of the referenced FAA Advisory Circulars, including any changes, in effect at the time of bidding. The advisory circulars may be obtained free of charge on the internet at the following address:

https://www.faa.gov/regulations_policies/advisory_circulars/

The Contractor shall ascertain that all lighting system components furnished by him (including FAA approved equipment) are compatible in all respects with each other and the remainder of the

INSTALLATION OF EQUIPMENT IN VAULT OR PREFABRICATED METAL HOUSING

109-4.4 DUCT AND CONDUIT

ADD:

The series circuit wireway shall be stand-off mounted to permit conduits to be routed to wireway below.

109-4.6 MARKING AND LABELING

ADD:

(c) Nameplates and legend plates shall be engraved three-layer laminated plastic, black letters on white background. Legends (wording) shall be as detailed on drawings or as directed by Owner's representative.

(d) All wire markers installed on electrical equipment shall be weatherproof and water resistant. Wire identification labeling, whether factory applied or written in the field, shall utilize an adhesive that does not soften or weaken over time. Sleeve or tubing type labels may be utilized as an alternate. Paper adhesive-backed wire markers will be rejected and replaced at the Contractor's expense. Wire marker labels shall be as manufactured by Brady, or equivalent.

109-4.7 ALCMS MODIFICATIONS

ADD:

The modifications of existing ALCMS, by the ALCMS Manufacturer, shall include but not limited to updating the system for the new graphics and any required programming for a complete and operational system as specified herein and as shown on the plans.

The ALCMS Manufacturer shall modify the existing ALCMS system to be a complete and functional computerized distributed control and monitoring airfield lighting system. This project shall include software, programming, on-site testing, and any other materials, tools and equipment to provide a fully functional system to the satisfaction of the Engineer. The ALCMS Manufacturer shall provide an experienced and qualified Engineering, Sales and Service staff to support the Airport throughout the life of the system.

GRAPHICAL AIRPORT PICTORIAL

A. The ALCMS display screens shall display a graphical pictorial representation of the airport runways, taxiways and other requested airport features.

B. When there is a change in the lighting system status, the appropriate graphical detail shall indicate the status by changing color.

C. The circuit intensity display colors shall be represented as shown on the plans or as directed by the Engineer or the Airport.

METHOD OF MEASUREMENT

109-5.1

DELETE: This section.

ADD:

VAULT MODIFICATIONS

The quantity of vault modifications to be paid for shall be lump sum. This item shall consist of removals of all vault equipment including breakers, furnishing and installation of all vault equipment specified, including but not limited to breakers, conduit, cables, wireways, conduits/conductors, junction box, connection and interfacing with ALCMS, photocell, mounting panels, lighting contactor, and all labor and materials necessary for a complete and accepted installation.

109-5.2

DELETE: This section.

ADD:

109-5.5 ALCMS MODIFICATIONS

~~Payment will not be made for the ALCMS work included in Item L-109, It shall be included in the Lump Sum pay item for VAULT MODIFICATIONS including but not limited to updating existing ALCMS to integrate the new graphics and all required work for a complete and operational system.~~

N.I.C.

BASIS OF PAYMENT

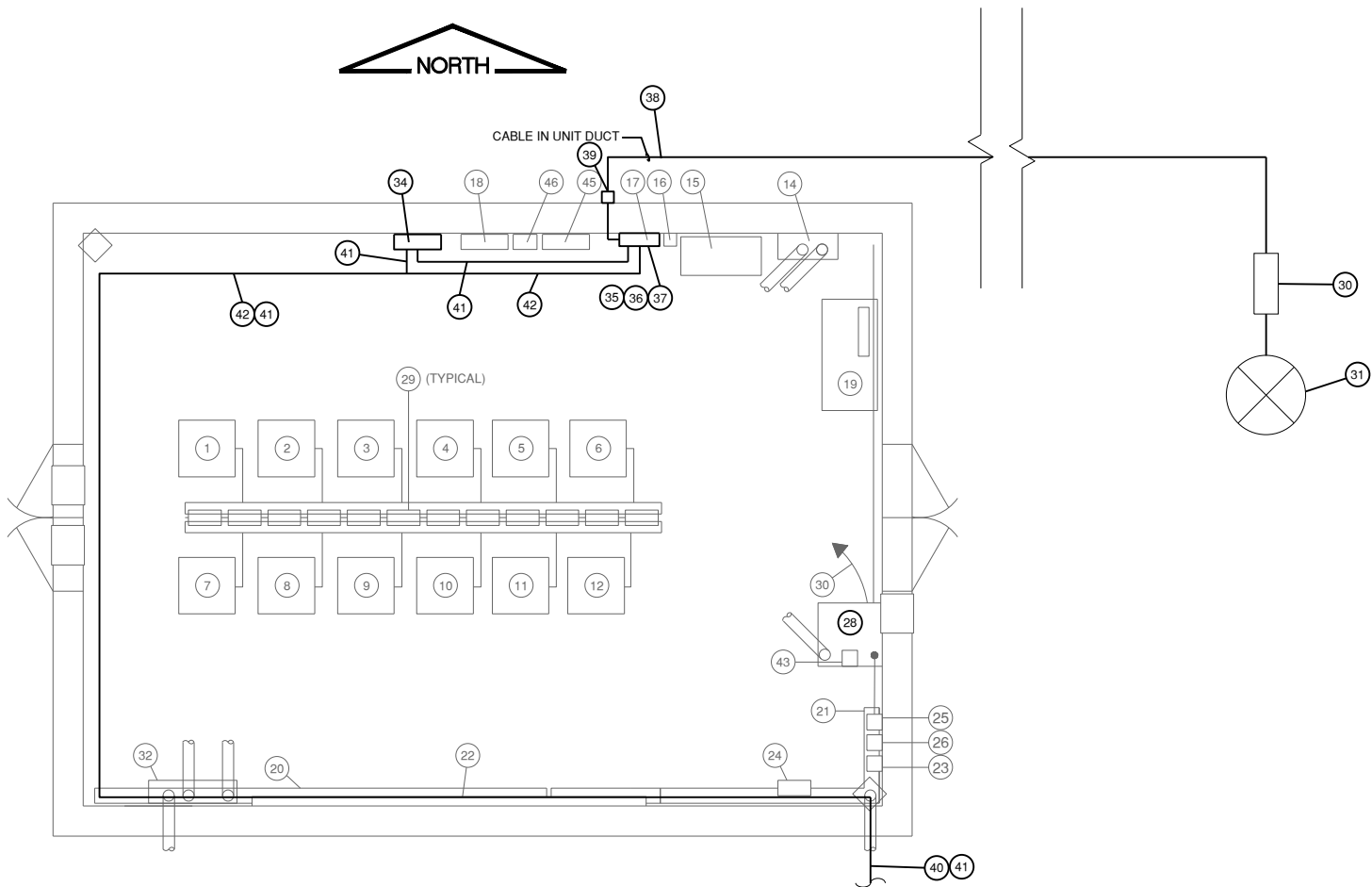
109-6.1

ADD:

Payment will be made under:

ITEM AR109210 – VAULT MODIFICATIONS – PER LUMP SUM.

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Date: Monday, November 3, 2025 2:25:43 PM



EXISTING ELECTRICAL VAULT PLAN
NOT TO SCALE

NOTES

- EXISTING EQUIPMENT TO REMAIN IS SHOWN FOR INFORMATION ONLY. NEW WORK IS SHOWN IN BOLD.
- INSTALL LAMACOID NAMEPLATES ON ALL EQUIPMENT.
- CONTRACTOR SHALL DRILL THROUGH EXISTING VAULT BUILDING FOR NEW CIRCUIT AND SEAL CONDUIT AROUND NEW ENTRANCE AT NO ADDITIONAL COST.
- CONNECT THE NEW BEACON CIRCUIT AND NEW WINDCONE CIRCUIT TO EXISTING ALCMS CONTROLS.

AURORA MUNICIPAL AIRPORT VAULT NOMENCLATURE

- EXISTING 30KW 3-STEP REGULATOR FOR TAXIWAY "A" EAST.
- EXISTING 30KW 3-STEP REGULATOR FOR TAXIWAY "A" WEST.
- EXISTING 30KW 3-STEP REGULATOR FOR TAXIWAY "B".
- EXISTING 20KW 3-STEP REGULATOR FOR TAXIWAY "C".
- EXISTING 15KW 3-STEP REGULATOR FOR TAXIWAY "P".
- EXISTING 30KW 3-STEP REGULATOR FOR TAXIWAY SPARE.
- EXISTING 30KW 5-STEP REGULATOR FOR RUNWAY SPARE.
- EXISTING 30KW 5-STEP REGULATOR FOR RUNWAY 15-33.
- EXISTING 30KW 5-STEP REGULATOR FOR RUNWAY SPARE.
- EXISTING 30KW 5-STEP REGULATOR FOR RUNWAY 9-27.
- EXISTING 7.5KW 3-STEP REGULATOR FOR RUNWAY DISTANCE REMAINING 9-27.
- EXISTING 7.5KW 3-STEP REGULATOR FOR RUNWAY DISTANCE REMAINING 9-27 SPARE.
- NOT USED.
- EXISTING HIGH VOLTAGE LIGHTING PANEL. 600A, 480/277V, 3 PHASE, 4-WIRE (NOTE 10).
- EXISTING 150KVA 480-120/208Y, 3 PHASE LIGHTING TRANSFORMER.
- EXISTING NORTH AIRFIELD BOOSTER TRANSFORMER / WIND-TEE BOOSTER TRANSFORMER.
- EXISTING LOW VOLTAGE LIGHTING PANEL. 225A, 120/208Y, 3 PHASE, 4 WIRE (NOTE 10).
- EXISTING APRON LIGHTING PANEL, 225A, 480/277V, 3-PHASE, 4-WIRE (NOTE 10).
- EXISTING DESK.
- EXISTING 8" BY 8" HIGH VOLTAGE WIREWAY.
- EXISTING 8" BY 8" LOW VOLTAGE WIREWAY.
- EXISTING PLUG CUTOUT, GROUNDING SWITCH AND INDICATOR LIGHT FOR REGULATORS.
- EXISTING INTERFACE CONTROL PANEL FOR LOW VOLTAGE AIRFIELD CIRCUITS, BEACON, WINDTEE AND REILS.
- EXISTING CONTACTORS FOR RUNWAY 27 REILS.
- EXISTING L-854 RADIO CONTROLLER. INSTALL NEW ANTENNA AND CABLE
- EXISTING FIBER OPTIC PATCH PANEL.
- NOT USED.
- EXISTING L-890 AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM (ALCMS)EQUIPMENT RACK WITH TOUCHSCREEN MONITOR AND PRINTER
~~SHALL BE UPDATED TO INCLUDE NEW PRIMARY WINDCONE, NEW BEACON, AND NEW RUNWAY GUARD LIGHTS.~~
- EXISTING INTERFACE CONTROL PANEL AND INSULATION RESISTANCE MEASURING SYSTEM MOUNTED ON UNISTRUT FRAME. (NOTE 9)
- NEW BEACON PEDESTAL WITH DISCONNECT AND PHOTOCELL.**
- NEW ROTATING BEACON WITH LED LAMPS. SEE DETAILS**
- EXISTING L-823 SPLICE ENCLOSURE. SEE DETAILS.
- EXISTING C.T. CABINET AND UTILITY METER.
- NEW LIGHTING CONTRACTOR FOR RGL CIRCUIT WITH HOA SELECTOR SWITCH.**
- NEW 20A/2P CIRCUIT BREAKER FOR RGL CIRCUIT.**
- NEW 20A/1P CIRCUIT BREAKER FOR NEW BEACON**
- NEW 20A/1P CIRCUIT BREAKER FOR NEW L-807 WIND CONE**
- NEW 2#10 XLP-USE, 1#10 GND IN 1" PVC SCH. 80 CONDUIT FOR BEACON.**
- NEW NEMA 3R JUNCTION BOX 4" X 4" X 4" FOR BEACON CIRCUIT.**
- NEW CIRCUITS FROM VAULT TO LOW VOLTAGE DUCT BANK**
-NEW RGL CIRCUIT, 2#6 XLP-USE, 1#10 GND
-NEW WIND CONE CIRCUIT, 2#8 XLP-USE, 1#10 GND
- NEW RGL CIRCUIT, 2#6 XLP-USE, 1#10 GND.**
- NEW WIND CONE CIRCUIT, 2#8 XLP-USE, 1#10 GND.**
- EXISTING FIBER OPTIC CABLE PATCH PANEL (NOTE 8)
- NOT USED.
- EXISTING 200A, 480V, 3-POLE CIRCUIT BREAKER DISCONNECT FOR APRON LIGHTING.
- EXISTING 200A, 3-POLE LIGHTING CONTACTOR WITH H-O-A SELECTOR SWITCH AND PHOTOCELL FOR APRON LIGHTING.

AU075



CONSULTANTS

FINAL

REPLACE AIRFIELD
SIGNAGE, WIND CONES,
RUNWAY 15 AND 27
RUNWAY END
IDENTIFIER LIGHTS,
AND AIRPORT
ROTATING BEACON

SEPTEMBER 12, 2025



△	10/22/25	REVISE VAULT NOMENCLATURE NOTE 34
		REVISE VAULT NOMENCLATURE NOTE 38
		ADD NOTE 3
△	11/03/25	REVISE VAULT NOMENCLATURE NOTE 28
		ADD NOTE 4
MARK	DATE	DESCRIPTION

IL PROJECT NO:	
CMT PROJECT NO:	25007812.00
CAD DWG FILE:	
DESIGNED BY:	CMJ
DRAWN BY:	JRO
CHECKED BY:	DKP
APPROVED BY:	DKP
COPYRIGHT:	

**ELECTRICAL VAULT
DETAILS**