SAMPLE SPECIFICATION L-821 Airport Lighting Control Panel

***Note: Modify the items in italics according to your specific job requirements.***

ITEM L-109 INSTALLATION OF L-821 Airport Lighting Control Panel

# DESCRIPTION

109-1.1 This item shall consist of furnishing and installing the L-821 Airport Lighting Control Panel in accordance with these specifications.

This item shall also include all circuit breakers, wire and cable connections, the furnishing and installing of all necessary conduits and fittings and all necessary mounting structures. It shall also include the testing of the installation and all incidentals necessary to place the CCRs in operation as completed units to the satisfaction of the Engineer.

# EQUIPMENT AND MATERIALS

109-2.1 L-821. The L-821 Airport Lighting Control Panel shall be ETL certified according to the requirements of FAA Advisory Circular 150/5345-3 (latest edition) “Specification for L-821, Panels for Control of Airport Lighting.” The L-821 Airport Lighting Control Panel shall be as manufactured by AIRPORT LIGHTING COMPANY (www.airportlightingcompany.com) or approved equal.

109-2.2 EQUIPMENT SUPPLIED. Each L-821 Airport Lighting Control Panel shall include three as-built drawing packages.

109-2.3 L-821 Airport Lighting Control Panel (ALCP). The L-821 ALCP shall be Type *[I- conventional] [III- PLC]*, Class *[W- wall-mount] [S- surface mount] [F- flush mount]*, Style *[1- unlighted] [3- touchscreen],* Mode 1 (Generic/Main Lighting Control Panel).

# CONSTRUCTION METHODS

109-3.1 PLACING THE L-821 Airport Lighting Control Panel. The contractor shall furnish and install the L-821 Airport Lighting Control Panel as specified in the proposal and shown in the plans. The L-821 shall be mounted in the vault at the location shown on the plans.

109-3.2 TESTS. . The L-821 shall be fully tested by continuous operation for not less than 24 hours prior to acceptance by the engineer. The test shall include operating the constant current regulator in each step (Local and Remote) not less than 10 times at the beginning and end of the 24-hour test.

# METHOD OF MEASUREMENT

109-4.1 MEASUREMENT. The quantity of equipment to be paid for under this item shall be for an L-821 Airport Lighting Control Panel, and one Instruction Manual installed and accepted as a completed unit, in place, ready for operation, and accepted by the engineer as detailed in this specification.

# BASIS FOR PAYMENT

109-5.1 PAYMENT. Payment will be made at the contract unit price for the completed total quantity of L-821 Airport Lighting Control Panel installed, in place by the Contractor, and accepted by the Engineer. This price shall be full compensation for furnishing all materials and for all preparation, assembly, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Payment will be made under:

Item L-109-5.1 L-821 Airport Lighting Control Panel, in Place

END OF ITEM L-109