

1 Payment will be made under:

Pay Item	Pay Unit
____ High Mount Standard	Each
Portable Drive Unit	Each

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SECTION 1403

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HIGH MOUNT LUMINAIRES

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1403-1 DESCRIPTION

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Furnish and install luminaires, including lamps and ballasts, for high mount standards 60 ft and greater in height.

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1403-2 MATERIALS

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Provide luminaires consisting of a die cast aluminum ballast housing a cast aluminum slipfitter housing, and cover which do not weigh more than 65 lb and have an effective projected area not more than 2.5 sq.ft.

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Provide ballast capable of operating a high pressure sodium lamp from a source with a nominal voltage as shown in the plans with a tolerance of $\pm 10\%$. Provide luminaires with IES Distribution, Cutoff, Type V and the wattage shown in the plans. The Department will evaluate photometric data for submitted luminaire to ensure adequate light output from the fixture.

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Provide slipfitter housing suitable for use with 2" horizontal mounting, adjustable for leveling, and which secures the mounting assembly to prevent twisting of the luminaire about the bracket.

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Use an optical assembly which contains a porcelain enclosed mogul socket with spring loaded center contact . Position the socket for base up lamps.

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Provide complete photometric, assembly and electrical data for each type luminaire proposed. Include in the data candlepower distribution and isofootcandle graphs, assembly drawings with replacement part numbers and electrical schematic with ballast input, output, voltage, amperage and wattage ratings.

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Provide same model lamps from same manufacturer for each respective luminaire type.

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1403-3 CONSTRUCTION METHODS

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Lamp all high mount fixtures just before testing the system.

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Level and secure each luminaire in all directions. Careful attention should be given to aim the main beams and house-side outputs of all asymmetrical units in the direction indicated in the plans. Securely terminate the wiring for each luminaire and include an equipment grounding conductor to bond the housing to the supply cord grounding conductor.

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1403-4 MEASUREMENT AND PAYMENT

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High Mount Luminaires ____ of the appropriate wattage and type will be measured and paid as the actual number of luminaires of each size and type installed and accepted.

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Payment will be made under:

Pay Item	Pay Unit
High Mount Luminaires ____	Each