

CITY OF AUSTIN, ELECTRIC UTILITY DEPARTMENT

PURCHASE SPECIFICATION

FOR

FLOODLIGHT, METAL HALIDE, 240V, 1500 WATT

Date

Prepared by

Issuance/  
Revision

Department Approval  
Division Manager/Standards Manager

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FLOODLIGHT, METAL HALIDE, 240V, 1500 WATT

1.0 SCOPE AND CLASSIFICATION

- 1.1 The material to be purchased under these specifications shall be metal halide.
- 1.2 No deviations from these specifications on the part of the bidder will be allowed.
- 1.3 Any material supplied under these specifications not in complete compliance with these specifications shall be unacceptable.

2.0 FUNCTIONAL REQUIREMENTS

The metal halide floodlights will be used in the lighting of baseball and softball fields.

3.0 PHYSICAL REQUIREMENTS

- 3.1 Lighting characteristics  
Metal Halide - 1500 watt  
NEMA Type 7Hx6V  
Beam Efficiency  
Minimum 53%
- 3.2 Ballast characteristics
  - 3.2.1 Regulating ballast
  - 3.2.2 Primary Voltage: 240 volts
  - 3.2.3 Temperature range from 150 degrees to -20 degrees F.
- 3.3 The floodlight shall have cast aluminum body and ballast enclosure with a 2" integral slip fitter mounting, Knuckle Type Slipfitter.
- 3.4 The reflector shall be Alzak Aluminum with an 80% reflectance factor.
- 3.5 The floodlight shall be of integral and/or separate ballast design to separate heat of lamp and ballast.
- 3.6 The unit shall have a completely sealed and filtered optical assembly.
- 3.7 The floodlight socket assembly shall secure the lamp firmly from vibration.
- 3.8 The fixture shall be supplied with a 4-foot-3 conductor #16 SO cord prewired or included with fixture.

4.0 GENERAL REQUIREMENTS

- 4.1 Photometric data and ballast electrical characteristics shall be furnished with quotations submitted.
- 4.2 The complete fixture and ballast shall be warranted for three (3) years.