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Maintenance Bureau Specification 2001-15
for
180° Heavy Equipment Beacon
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This document describes the features and specifications for a “180° Heavy Equipment Beacon”.

1.0 Features:

- 1.01 Unit shall have separate power supply with flash capability.
- 1.02 Unit shall feature a high-profile, slimline design.
- 1.03 Unit size shall not exceed 5” in height, 4” in width, and 12” in length.
- 1.04 Unit shall provide a minimum 180-degree warning coverage (horizontally) when mounted on a vertical plane. Unit shall be designed for sub-roof line mounting on heavy, roadworking equipment.
- 1.05 Unit shall include all mounting hardware and shielded cable harness.
- 1.06 Unit base shall be cast aluminum with rubber gasket to provide weatherproof seal between the base and vehicle.
- 1.07 Unit shall come with an optically corrected amber lens to ensure a minimum 180-degree coverage.
- 1.08 Unit shall be capable of operating at a voltage of 24 VDC.
- 1.09 Unit shall include one (1) set of installation and operation instructions, in English.

2.0 General:

- 2.01 Upon award of contract ALDOT may require; 1) independent testing at Awardee’s expense to verify specifications have been met or 2) having the Awardee provide a sample unit for review/evaluation that may be returned at the Awardee’s expense and direction. Failure to comply shall be grounds for sacrifice of award. Sacrifice of award may not be limited to single line, but rather, the entire group if applicable to contract format.
- 2.02 All successful bidders shall be either an authorized distributor for the manufacturer or the manufacturer of the product line with sufficient quantities of new units to remedy warranty and purchase requests and offer accessories and service parts to maintain the needs of the vehicle fleet within seventy-two (72) hours after call.

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for
180° Heavy Equipment Strobe

- 2.03 The unit model number shall be included on the bid document.
- 2.04 Bid shall also include documentation such as unit specifications, cut-sheets, certifications, etc. that show item meets this specification. Failure to provide documentation with bid shall disqualify the bid without notice.
- 2.05 The unit specified shall be warranted by the manufacturer, from the date of receipt or installation, to be free of defects of material or workmanship for a period of one (1) year and the LED components shall be warranted for a period of five (5) years. Written proof of this warranty shall be provided with bid.