

07/03/2012

State of Louisiana
Department of Transportation and Development (DOTD)
Traffic Operations Approved Product List (TOAPL) Qualification Procedure
for
TOAPL 195

SOLAR POWERED FLASHING BEACONS

REQUIRED DOCUMENTATION:

Evaluation Form:

A separate form shall be required for each model submitted for approval. See Traffic Operations Approved Product Evaluation Form located at the link below:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Operations/Traffic_Services/Pages/Traffic_Operations_Aproved_Products_List.aspx

Certification And/Or Test Reports

Submit a Certificate of Compliance from the manufacturer that the product meets ALL specifications in TCS No. 195. The Certificate of Compliance must be supplied with delivery.

Product Data Sheets

Provide a system sizing report with the bid detailing the photovoltaic array, battery bank, array to load ratio analysis, system availability analysis, battery state of charge report, battery depth of discharge (DOD) and monthly insolation information for Baton Rouge, Louisiana. Low bidder will be required to submit a system sizing report.

Provide product data sheets with all pertinent information regarding the assembly including but not limited to manufacturer's specifications and a Materials Safety Data Sheet (MSDS).

Provide product data sheets of all components not made by manufacturer but used in the assembly.

Product References

A list of state and/or city governments with contacts and contact numbers where the assembly has been sold previously should be submitted. References may be required prior to award.

Parts List

Provide a complete parts list including vendors for replacement parts, solar panels, LED modules and batteries.

Warranty

Solar Powered Flashing Beacon Assemblies must come with a two (2) year manufacturer's warranty on all components to begin with date of installation. Provide warranty.

PRODUCT SAMPLE:

Products may be subject to laboratory testing before final acceptance. If a sample is required, it will be requested from the manufacturer **after** the submitted documentation has been approved.

Return of sample must be arranged by the vendor and the vendor's expense.

DISQUALIFICATION:

Any product may be removed from the TOAPL for non-conformance with specifications or performance requirements. The Department must be notified in writing of any name change or change in product. Significant changes may require reevaluation of the product.

REQUALIFICATION:

Any product which has been disqualified and removed from the TOAPL will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been solved.

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Traffic Operations Section
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Provide an Operation and maintenance manual and include a block diagram schematic of all system hardware components.