

## SOLE SOURCE DETERMINATION

The Purchasing Division has been requested to approve a sole source purchase for the commodity or service described below. Pursuant to West Virginia Code 5A-3-10c, the Purchasing Division is attempting to determine whether the commodity or service is a sole source procurement. If you believe your company meets the required experience and qualification criteria stated below, please e-mail the Purchasing Division Buyer at [Paul.reynolds@wv.gov](mailto:Paul.reynolds@wv.gov) with a copy to [w.michael.sheets@wv.gov](mailto:w.michael.sheets@wv.gov) to express your interest in the project. Please forward any and all information that will support your company's compliance with required qualification and eligibility criteria along with any other pertinent information relative to this project to the Purchasing Division no later than 1:30 PM on \_\_July 27,2011\_\_.

Requisition Number: 58110007

Department/Agency: WV DOT

Detailed Description of Project: 5.8 GHz wireless Radio Frequency communication units (Zip Line) designed for Fuel Master RJ-11 dial up modem requirements. These wireless communication units will allow DOT fuel data to be transmitted nightly from the agency's 140 fuel island sites to an RJ-11 telephone connection in a nearby building.

Proposed Sole Source Vendor: Teletics Inc.

Specific Eligibility Criteria: Wireless 5.8 GHz RF communication units designed specifically for Fuel Master RJ-11 dial up modem support/requirements.

Specific Qualification Criteria:

- Communication range up to 1 Mile.
- POTS lines: 1 or 2 analog phone lines (RJ11)
- Ethernet port: 1 (RJ45 – 10 BaseT)
- Fax speed: 14.4 kbps
- Modem Speed: Up to 9600 baud
- Operating temp: -30°F to +145°F
- Power required: 7W (wall adapter included)
- Radio type: 5.8 GHz DSSS License Free
  - With 256 bit AES digital encryption
- Radio Power (effective): 41 dBm
- Radio Sensitivity: -82 dBm @ 10 -5BER
- Mounting brackets/setup software: included