

<b>STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION</b>		
EQUIPMENT SPECIFICATION	39-05	04/2018

**SOLAR POWERED FOLDING FRAME ARROW BOARD  
TRAILER MOUNTED**

**GENERAL:** This directional arrow board must be the latest current model complete with manufacturer’s standard equipment, accessories and warranty for model bid. This equipment must be complete, serviced and ready for operation at the time of delivery.

**FILL IN ALL SPACES SHOWING SPECIFIC INFORMATION, FAILURE TO COMPLY COULD RESULT IN BID REJECTION.**

**EXAMPLE MODEL:** Wanco WTSP55-LSA or K&K AT254896

**VENDOR’S PROPOSED:** MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

<u>MINIMUM REQUIREMENTS</u>	<u>VENDOR’S PROPOSED</u>
<b><u>GENERAL SPECIFICATIONS:</u></b>	
Board shall be constructed of aluminum sheets and welded channels	_____
Frame shall be all welded structural steel	_____
Shall have bolt on fenders	_____
Finish shall be powder coated and oven baked	_____
Controller shall be self-contained, state electronics. Located in a lockable weather resistant hard case enclosure and away from traffic	_____
<b>Display shall consist of 25 – high output amber LED lamps with arrow and Chevron display modes</b>	_____
<b>Display shall also include a minimum of 40 watt solar charging system with solid state voltage regulator with charge indicator</b>	_____
Display shall be automatic dimming	_____

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<u><b>MINIMUM REQUIREMENTS</b></u>	<u><b>VENDOR'S PROPOSED</b></u>
Dual PTC resettable fuses	_____
Reverse polarity protection	_____
Low voltage disconnect	_____
Heavy Duty hand-winch with safety brake	_____
Four adjustable stabilizer legs and tow bar screw jack	_____
<b><u>AXLE ASSEMBLY:</u></b>	
2000 lb capacity tubular axle	_____
5-hole 4.5 inch bolt circle pattern on idler hub	_____
60 inch wheel track	_____
Double eye leaf springs, 1200 lb capacity per sprint	_____
<b><u>POWER:</u></b>	
Two leak and spill proof valve regulated lead acid (VRLA) (12) volt batteries	_____
Battery capacity: Sufficient to power the arrow board through 14hrs. of night-time operation	_____
Solar charging: One adjustable solar panel and assembly	_____
<b><u>MISC</u></b>	
15 inch tires - <b>MINIMUM</b>	_____
Maintenance free batteries	_____
2" Bulldog hitch	_____

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**MINIMUM REQUIREMENTS**

**VENDOR'S PROPOSED**

**MUST MEET MUTCD REQUIREMENTS**

**MANUAL AND PARTS BOOKS:**

Successful bidder shall furnish one (1) Operators Instruction Manual for each arrow board. In addition, one (1) Parts Book and one (1) Illustrated Repair Manual shall be furnished to each Division purchasing one or more arrow boards.

**SPECIFICATIONS:**

Each Bidder shall submit complete manufacturer's specification in duplicate and shall submit all other data to show that his proposal meets these specifications.

**INSPECTION AND DELIVERY OF EQUIPMENT TO COMPLY WITH VENDOR'S INSTRUCTION SHEET.**

**THE STATE OF OKLAHOMA RESERVES THE RIGHT TO WAIVE MINOR TECHNICALITIES UNDER THESE SPECIFICATIONS.**

**COMPLIANCE:**

Bidder shall furnish a statement in writing on the Bid, in the Vendor's Statement below, or by an attached letter stating the Equipment proposed strictly meets these Specifications. If not, he shall list each variation therefrom.

**USAGE AND SERVICE:**

The bidder must provide assurance of the availability of repair parts and technical service at various locations with the State of Oklahoma.

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**(Complete the following)**

**List parts and service locations in Oklahoma**

Name:

\_\_\_\_\_

Name:

\_\_\_\_\_

Address:

\_\_\_\_\_

Address:

\_\_\_\_\_

City:

\_\_\_\_\_

City:

\_\_\_\_\_

Phone:

\_\_\_\_\_

Phone:

\_\_\_\_\_

**VENDOR'S STATEMENT (EQUIPMENT PROPOSED COMPLIES): YES: \_\_\_\_\_ NO: \_\_\_\_\_**

\_\_\_\_\_

\_\_\_\_\_

**DEALER: \_\_\_\_\_ DATE: \_\_\_\_\_**

**SIGNATURE: \_\_\_\_\_ PHONE: \_\_\_\_\_**

**ADDRESS: \_\_\_\_\_**