



**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**5000120382 ONE TIME PURCHASE OF A SOLAR POWERED 25 LAMP  
(LED) ARROW BOARD**  
Jefferson Parish Government

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)  
21-Jul-2017 11:28:08 AM

DATE: 7/20/2017

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00120382

**JEFFERSON PARISH**  
PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: DMEVANS@jeffparish.net

Bids will be received until 11:00 AM, 7/26/2017 via online at [www.jeffparishbids.net](http://www.jeffparishbids.net) or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at [purchasing.jeffparish.net](http://purchasing.jeffparish.net) and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail.

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office as appropriate and a written response will be provided as soon as possible.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A1 17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

**IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS**

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at [www.jeffparishbids.net](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

**ADDITIONAL REQUIREMENTS FOR THIS BID**

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

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1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA - RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 7/20/2017

INVITATION TO BID  
THIS IS NOT AN ORDER

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BID NO.: 50-00120382

### JEFFERSON PARISH

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: DMEVANS

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

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JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

<b>DELIVERY: FOB JEFFERSON PARISH</b>	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>30-45 DAYS</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	_____
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	_____

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: \_\_\_\_\_  
 NUMBER: \_\_\_\_\_  
 NUMBER: \_\_\_\_\_  
 NUMBER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

<b>*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***</b>	
FIRM NAME: K & K SYSTEMS, INC.	
SIGNATURE: (Must be signed here) <i>Troy G. Keith, Pres.</i>	TITLE: PRESIDENT
PRINT OR TYPE NAME: TROY G. KEITH	
ADDRESS: 687 PALMETTO RD.	
CITY, STATE: TUPELO, MS	ZIP: 38801
TELEPHONE: ( 888 ) 414-3003	FAX: ( 662 ) 566-7123
EMAIL ADDRESS: info@k-systems.com	

TOTAL PRICE OF ALL BID ITEMS: \$ 7,590.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00120382

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	2.00	EA	<p>ONE TIME PURCHASE OF A SOLAR POWERED 25 LAMP (LED) ARROW BOARD</p> <p>0010 Solar Power 25 Lamp (LED)Arrow Board. 48 inch x 96 inch All aluminum fabrication with black powder coat finish to give smooth look, 40 watts of solar, solar regulator with LVD to protect batteries from over discharge. 2 (two) 18 amp batteries, 5 (five) swivel type jacks (one on each end of the trailer plus one tongue jack MODEL - AT254896</p> <p>Ship to: Drainage 4901 Jefferson Hwy Suite D Jefferson, La</p> <p>Att: Latrenda McGhee 736-6645</p>	\$3,795.00	\$7,590.00
2	.00		<p>Ship to: Eastbank Warehouse 4901 Jefferson Hwy Jefferson, La</p> <p>Signs are for Drainage Latrenda Mc Ghee 736-6645</p>	INCLUDED	INCLUDED



# JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni  
Parish President

Brenda C. Patel  
Director

## CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

### **Other Changes Continued:**

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must produce final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

**Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.**

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

General Government Bldg. - 200 Derbigny St - Suite 4400 - Gretna, LA 70053

Office 504.364.2678 - Fax 504.364.2693

Email: [Purchasing@jeffparish.net](mailto:Purchasing@jeffparish.net) Website: [www.jeffparish.net](http://www.jeffparish.net)

# K&K Systems

Systems

# QUOTATION

687 Palmetto Road  
Tupelo, MS 38801  
[www.k-systems.com](http://www.k-systems.com)

email: [ali@k-systems.com](mailto:ali@k-systems.com)  
Phone: 662-566-2025  
Fax: 662-566-7123 TollFree: 888-414-3003

Quotation #: Q170725AB-LA-JEFFERSONPARISH  
Quotation Date: 7/26/2017  
Customer Type: Your Cost

Customer Contact: LATRENDA MCGHEE  
Quote Valid: 45 days  
Prepared by: **Ali Bingham**

Bill To:	Ship To:
Name: Purchasing Dept.	(Update if different than Bill To address)
Company Name: Jefferson Parish	Name: Drainage Dept.
Street Address: 200 Derbigny St. (General Govt Building)	Company Name: Jefferson Parish
Address 2: Suite 4400	Street Address: 4901 Jefferson Hwy.
City, ST ZIP Code Gretna, LA 70053	Address 2: Suite D
Tel: 504-364-2678	City, ST ZIP Code Jefferson, LA
Cell:	Tel: 504-736-6645
Fax:	Cell:
email: <a href="mailto:dmevans@jeffparish.net">dmevans@jeffparish.net</a>	Fax:
	email:

### Product

Model #	Description	Base Price
AT254896	Solar Powered, 25 Lamp (LED) Arrow Board. Sign dimensions are 48" x 96" all aluminum fabrication with flat black powder coat finish to give smooth look, 40 watt solar panel, solar regulator with LVD to protect batteries from over discharge. 100 amps of battery backup, (4)-four swivel type jacks, one on each corner of trailer.	\$3,795.00

### Packaging

K&K Delivers

### Options and Accessories - PER UNIT

QTY per Unit	Item #	Description	Price Each	Price per Unit
1	TTJ	Tongue jack.	INCLUDED	INCLUDED

### Special Notes

BID NO.: 50-00120382

### Terms of Purchase

FOB: Tupelo, MS 38801  
Delivery (weeks): 4-6 Weeks  
Warranty: 1 year limited warranty, Factory Depot

Per System Total:	\$3,795.00
Total QTY of Systems: 2	\$7,590.00
Total Shipping Costs:	INCLUDED
Taxes: 7.00%	
<b>GRAND TOTAL:</b>	<b>\$7,590.00</b>

Sales Person Signature:

Work Order#

Sales Manager Signature:

Client PO#

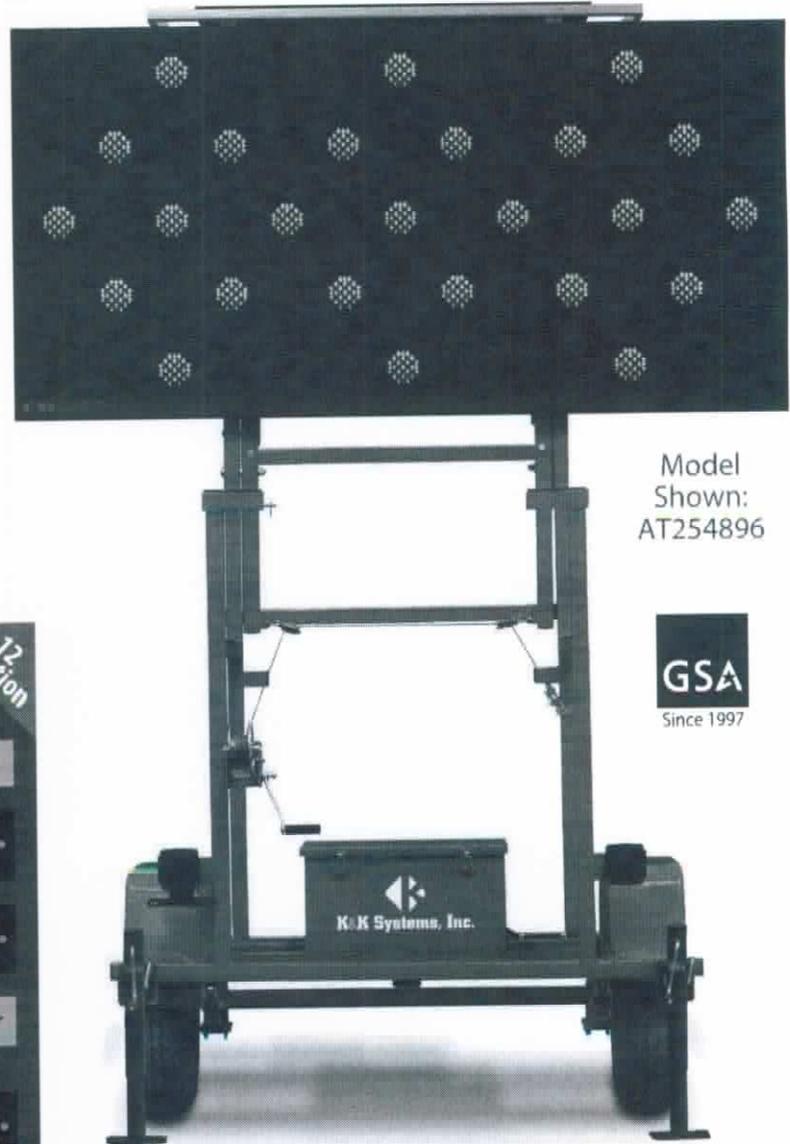
Please note: The above specifications and quotation does not include shipping, permits, or taxes unless otherwise stated. The freight charge is an approximate estimate for your reference; the actual charge may vary. There will be an additional 3% charge on all credit card orders unless otherwise stated. \*Lead-time committed is based on the date Purchase Order is received by K&K Systems and deposit made and/or credit approved. Lead time is not based on the date quoted.

## Arrow Board

## Trailer Mounted

### FEATURES

- Jack on each corner
- Double pulley winch system
- 15" tires
- Solar Powered
- Meets MUTCD
- NTPEP Tested
- Removable Tongue
- Lockable Cabinets
- Photocell for Auto dimming
- Super Bright LED Technology
- Easy to operate & maintain
- Powder Coat Paint



Model  
Shown:  
AT254896



### Arrow Board Controller Functions

12  
Function

#### Flashing Modes

Corner caution		Left / Right	
Caution bar		Double arrow	

#### Sequential Modes

	First pulse	Second pulse	Third pulse
Sequential stem arrow, left / right			
Sequential arrow, left / right*			
Sequential chevron arrow, left / right*			
Alternating diamonds*			

Flashing rate, all models 30 to 40 per minute.  
Consult factory for optional arrow modes not shown.  
\*Available only on 25-light models.



### Standard 4 Corner Jack

Unlike most other arrow board manufacturers that utilize sliding jacks, K&K's arrow board trailers utilize a four corner jack system with side winding jacks to protect knuckles and to make it easier for personnel to setup and leave the unit in the field quickly and safely.

## Arrow Board Trailer - General Specifications

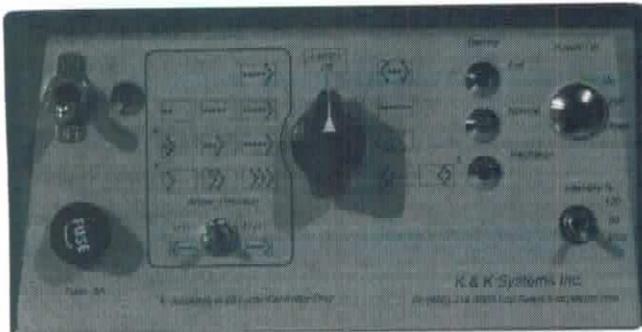
Solar Powered, 25 Lamp (LED) Arrow Board. Sign dimensions are 48" x 96" all aluminum fabrication with flat black powder coat finish to give smooth look, 40 watt solar panel, solar regulator with LVD to protect batteries from over discharge. 100 amps of battery backup, (4)-four swivel type jacks, one on each corner of trailer.

### Trailer

**Width:** 68"  
**Length with tongue:** 104"  
**Length without tongue:** 57"  
**Transport Height:** 87"  
**Salt Spray:** 1,000 hours  
**Paint:** Powder Coat  
**Main frame:** 2" x 2" x 1/8" tubular steel  
**Wheels:** 15"  
**Axle:** 3,500 lbs leaf spring  
**Fenders:** 16 gauge bolt on  
**Jacks:** (4) adjustable corner jacks  
**Hitch:** 2" ball, 1/4" safety chains with hooks  
**Arrow Panel Lift:** Gear ratio: 4:1, Load Capacity: 1200 lbs., Reel Capacity: 58 FT.  
**Battery/Control Cabinet:** Steel fabrication, lockable, hinged, vented

### Controller

**Power Switch:** Provides power from the control box to the Arrow Board  
**Power Indicator Light:** The LED indicates the Control Box has power and is ready for operation  
**Fuse:** 5 Amp  
**Mode Selector:** Provides selection of the warning modes  
**Manual Dim Switch:** Provides the user with the ability to override the photocell



### Sign Display

**Construction:** .080 aluminum frame 48" x 96"  
**Cross members:** .063 aluminum front & back panel 48" x 96"  
**Paint:** Black powder coat paint  
**Salt Spray:** 1000 hours  
**UV Resistant:** 500 hours  
**Seal:** Weather resistant  
**Length:** 96"  
**Width:** 48"  
**Depth:** 3 3/8"  
**Visibility:** 4800 feet  
**Raising and lowering of display:** Winch  
**Flash Rate:** 30-40 flashes per minute  
**LED's:** (25) yellow/amber Par 46 LED's  
**Visor:** 360 degree plastic high impact

### Power and Charging

**Batteries:** (1) 12 volt 100 amp battery  
**Solar:** (1) 40 watt solar panel  
**Onboard diagnostics to monitor:** Solar, battery, and load  
**Regulator:** 10 amp regulator with low voltage & high voltage disconnect.

### Options

Locking lug nuts  
3 Mode indicator lights  
7 way round Trailer plug  
Pintle ring or bulldog hitch  
Battery Charger  
Diamond Plate Floor  
Hour Meter  
Tongue Jack  
Custom Paint  
Tow plate  
Other options available

## MODEL AT254896 SPECIFICATIONS

### Solar Powered, 25 Lamp (LED) Folding Trailer Mounted Arrow Board

#### Trailer Dimensions

- Length with tongue: 104¾"
- Length without tongue: 55"
- Width with fenders: 68½"

#### Trailer Specifications

- Frame: 2" x 2" x 1/8" tubular steel
- Paint: Powder paint, orange with zinc primer
- Salt spray fog: 1,000 hours
- UV Resistance: 500 hours
- Axle and Springs: Straight tubular steel 3500 pounds
- Wheels and Tires: 5 lug – P205/75R15
- Fenders: 16 – gauge steel
- Tongue and Safety chains: 2" hitch, ¼" safety chains with hooks
- Jacks: Adjustable 10" jacks (2000 lbs. Capacity) on each corner of the trailer.
- Tail lights: Dual combination reflective lights with stop, tail and turn signal. License plate bracket.
- Lift winch: Gear ration-4: 1, Load Capacity-1200 lbs. Reel Capacity 58 FT.
- Wiring: Enclosed in jacketed cable or conduit
- Battery/Controller box: Steel fabrication, lockable, hinged, vented.

#### Sign Display

- Specifications:
  - Height: 48"
  - Length: 96"
  - Width: 3 3/8"
  - Material: .080 Aluminum frame 48"x96" w/ (2) 47¾" cross members  
.063 Aluminum front panel 48"x96"  
.063 Aluminum back panel 48"x96"
- Paint: All powder coated
- Flat black finish to reduce glare
- Salt Spray Fog: 1,000 hours
- UV Resistance: 500 hours
- LED bulbs: (25) yellow/amber Par 46 LED's with 360° high impact plastic visor
- Push on type connectors to prevent separation due to vibration during travel and operation.

#### Photocell Assembly

- Monitors ambient light conditions and adjusts brightness accordingly

#### Power and Charging

- Battery bank:
  - Typical installation is one (100 amp) 12-volt battery wired for 100 combined amps.
- Electronic Circuitry: Solid state, reverse polarity protection, properly fused, disconnects on all cables.

**Solar Panel**

• Typical Electrical Characteristics	40 W
• Voltage at Pmax (V mp)	17.3 V
• Current at Pmax (IMP)	2.31 A
• Short-Circuit Current (Isc)	2.57 A
• Open-Circuit Voltage (Voc)	21.6 V

**Solid State Regulator****Electrical Specifications:**

• Voltage:	12/24V
• Rated Solar Input:	10A
• Rated Load Current:	10A
• Equalization Voltage:	14.8V
• Boost Battery:	14.4V
• Float Battery:	13.6V
• Low Voltage Disconnect:	11.1V
• Low Voltage Reconnect:	13.1V
• Self-Consumption:	6 mA
• Operating Temp.	-35 to +55°C

**25 Light Control Box:**

- **Auto-** automatically adjusts the power to the lights from 100% (daytime use) to 50% (nighttime use) depending on the ambient light. The auto dimming is controlled through a photocell mounted in the bottom of each arrow board where it will be protected from vehicle headlights and street lamps.
- **Bright-** maintains 100% power to the lights regardless of the ambient light.
- **Dim-** maintains 50% power to the lights regardless of ambient light.
- The Control Box has (12) flashing modes to choose from:
  - Single flashing arrow Left
  - Single flashing arrow Right
  - Sequential arrow Left
  - Sequential arrow Right
  - Double flashing arrow
  - Caution alternating diamonds
  - Caution center bar
  - Caution four corners
  - Chevron Left
  - Chevron Right
  - Stem arrow Left
  - Stem arrow Right

**Control Functions:**

- **Power Switch** - Provides power from the control box to the Arrow Board
- **Power Indicator Light** - The LED indicates the Control Box has power and is ready for operation
- **Fuse** - Protects the wiring from damage in the event of a malfunction
- **Mode Selector** - Provides selection of the warning modes.
- **Manual Dim Switch** - Provides the user with the ability to override the photocell used for the automatic dimming when an unusual situation occurs (such as the vehicle being parked under a streetlight at night).

Manufacturer reserves the right to make changes in its products from time to time without incurring any obligation to incorporate such improvements in any products previously sold or in service.

### MANUFACTURER'S STANDARD WARRANTY

1. The manufacturer warrants that all products manufactured by K & K Systems, Inc. will be free from defects in material and workmanship for a period of one (1) year from date of shipment, subject to the conditions and restrictions contained herein.
2. This warranty does not apply to a product that has not been installed or maintained in accordance with the manufacturer's instructions, has been subjected to damage in an accident, abused or neglected during operation, repaired or modified by persons other than manufacturer, its employees or authorized agents, or failed to have normal maintenance.
3. The buyer expressly agrees that the buyer's sole remedy and the manufacturer's sole responsibility, in respect to a warranty claim, is exclusively limited to repair or replacement at the manufacturer's option, of product or a portion thereof found by the manufacturer to be defective. The manufacturer is not responsible for labor or other expended charges by buyer including transportation charges, and shall not be liable for any incidental or consequential damages connected with repair of a product deemed to be defective or with installation or replacement of repaired product. Further, the manufacturer disclaims any liability for any incidental or consequential damages, including lost or duplicated time or expense accruing for any reason, to the owner or user of any products sold by the manufacturer, whether claim is made in contract or in tort or under any theory of warranty, negligence or otherwise.
4. The manufacturer reserves the right to make changes in its products from time to time, without incurring any obligation to incorporate such improvements in any products previously sold or in service.
5. The terms and conditions of the warranty cannot be altered without the written consent of the manufacturer.
6. The foregoing warranty is exclusive and in lieu of all other express, statutory and implied warranties **INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.** There are no warranties which extend beyond the language in the previous six (6) paragraphs.

If you have any further questions, please feel free to call us at our toll-free number of 888-414-3003, email [info@k-ksystems.com](mailto:info@k-ksystems.com) or you might want to look us up on the Internet at [www.k-ksystems.com](http://www.k-ksystems.com).

## Request for Taxpayer Identification Number and Certification

**Give Form to the  
 requester. Do not  
 send to the IRS.**

**1** Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
**K & K Systems, Inc.**

**2** Business name/disregarded entity name, if different from above

**3** Check appropriate box for federal tax classification; check only **one** of the following seven boxes:  
 Individual/sole proprietor or single-member LLC  
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ \_\_\_\_\_  
**Note.** For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.  
 Other (see instructions) ▶ \_\_\_\_\_  
 C Corporation     S Corporation     Partnership     Trust/estate

**4** Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  
 Exempt payee code (if any) \_\_\_\_\_  
 Exemption from FATCA reporting code (if any) \_\_\_\_\_  
*(Applies to accounts maintained outside the U.S.)*

**5** Address (number, street, and apt. or suite no.)  
**687 Palmetto Road**

**6** City, state, and ZIP code  
**Tupelo, MS 38801**

**7** List account number(s) here (optional)

Requester's name and address (optional)

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

**Note.** If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number									
or									
Employer identification number									
7	2	-	1	3	7	0	9	2	5

**Part II Certification**

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

**Sign Here**    Signature of U.S. person ▶ Troy G. Keith, Pres.    Date ▶ 7/26/17

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/fw9](http://www.irs.gov/fw9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.*

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.