

RESOLUTION 21-140

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING THE PURCHASE OF TWO SOLAR POWERED, PORTABLE, CHANGEABLE MESSAGE BOARD SIGNS FOR THE STORMWATER DEPARTMENT IN THE AMOUNT OF \$32,046 FROM K&K SYSTEMS, INC.

BE IT RESOLVED that the appropriate officers of the City are authorized to execute and deliver on behalf of the City that certain Agreement between the City and K&K Systems, Inc., relating to the purchase of two (2) Solar Powered, Portable, Changeable Message Board Signs for the Stormwater Department, in the amount of Thirty Two Thousand, Forty Six Dollars (\$32,046.00), on substantially the terms of the quote attached and presented to the Council today, draft dated March 30, 2021, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED, APPROVED AND ADOPTED at the regular meeting of the City Council of the City of Panama City Beach, Florida, this 30th day of April 2021.

CITY OF PANAMA CITY BEACH

By: 

Mark Sheldon, Mayor

ATTEST:


Lynne Fasone, City Clerk

K&K Systems

Systems

QUOTATION

667 Palmetto Road
Tupelo, MS 38801

www.k-k-systems.com

email: wkasal@k-k-systems.com
Phone: 662-372-0164 cell
662-568-2025
Fax: 662-568-7123 TollFree: 888-414-3003

Quotation #: **Q210330WK-9**
Quotation Date: **3/30/2021**
Customer Type: **Retail**

Customer Contact: **Janine Thomas**
Quote Valid: **45 days**
Prepared by: **Wayne Kasal**

Bill To:	Ship To:
Name: Janine Thomas Company Name: City of Panama City Beach Street Address: Address 2: City, ST ZIP Code Tel: 850-233-5100 ext 2400 Cell: Fax: email: janine.thomas@pcbd.gov	(Update if different than Bill To address) Name: Company Name: Street Address: City, ST ZIP Code: Tel and/or Cell: Days open to Deliver: Hours to Deliver: Is Forklift Available: email:

Product	Model #	Description	Base Price
	MB9757	Solar Powered, Portable Changeable Message Sign Capable of three lines of alphanumeric 12" high text and graphics/animations, all LED display, self contained on-board computer, multiple alphanumeric fonts, powder coat paint system. Display is 97" x 57", with hydraulic style trailer. Supports 100 plus predefined messages (text and graphics) and supports user customizable messages. System comes standard with four (4) 100 amp 12-volt batteries (totaling 400 12V amps) batteries and 120 watts of solar.	\$12,136.00

Packaging		K&K Delivers		
Options and Accessories - PER UNIT				
QTY per Unit		Description	Price Each	Price per Unit
1	DO-MB8249	DOWNGRADE TO MB8249; Solar Powered, Portable Changeable Message Sign. display is 82" x 49", with hydraulic style trailer.	-\$1,072.00	-\$1,072.00
1	DED-MC1600	Deduct 1600 Controller, keyboard, and LCD screen.	-\$571.00	-\$571.00
1	CrossTalk-M-10	Messenger - Cellular 4G/LTE + 900MHz wireless + GPS. Must have service contract. NEMA TS-2 and FCC approved. Requires AntennaKit-1 and AntennaKit-4.	\$1,783.00	\$1,783.00
1	AntennaKit-1	Antenna for 900MHz radio (SH-MPANTENNA6) - includes cable (CW-900-Cable-10).	\$97.00	\$97.00
1	AntennaKit-4	Antenna for messenger (SH-4GLPPA6002700) - Cell and GPS.	\$307.00	\$307.00
1	ET-SGT2816	OnBoard Tablet. Android 6" screen. Preloaded with SignMaster App(includes Charger)		Included
1	ASC-L-M-5	Messenger - Five (5) year Service Plan for the lead cloud based cell service based on a maximum 3 MB per cellular account per month.	\$3,343.00	\$3,343.00

Special Notes

FSA20-EQU18.0: Heavy Equipment Contract Term: October 1, 2020 - September 30, 2023 Item 314

Terms of Purchase

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

Per System Total: **\$16,023.00**
Total QTY of Systems: **2** **\$32,046.00**
Total Shipping Costs: **Included**
Taxes:
GRAND TOTAL: \$32,046.00

Sales Person Signature: Wayne Kasal

Work Order# **ENTER WO #**

Sales Manager Signature: Timothy Keith

Client PO# **ENTER 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.

MODEL #MB8249

PORTABLE MESSAGE BOARD TRAILER MOUNT SERIES

TRAILER

Width: 68" fender to fender
Length with tongue: 148"
Length without tongue: 99"
Transport Height: 97"
Operating Height: 167"
Salt Spray: 1,000 hours
Paint: Powder Coat
Main frame: 2" x 5" x 1/8"
Front/Rear Cross members: 2" x 3" x 1/8"
Wheels: 15"
Axle: 3500 lbs double leaf spring
Fenders: High-density polyethylene
Jacks: (4) adjustable corner jacks & tongue jack with wheel
Tongue and Safety Chains: 2" ball hitch; 1/4" safety chains with hooks

SIGN DISPLAY

Pixel Matrix: 21x40 Pixel Arrangement
LED Module: Each is 5x7 matrix
LED's Per Pixel: 4
LED Type: Agilent amber 592NM
Viewing Angle: 30 degrees
Visibility: Up to 1 mile
Hours: 100,000 hour LED
Lines: Displays 3 lines of text and graphics
Characters per line: 8 characters (12 optional)
Character Height: 10"
**If one module fails, remainder of board is unaffected*

DISPLAY ENCLOSURE

Construction: Extruded Aluminum 6063 alloy
Length: 82"
Width: 49"
Depth: 6"
Paint: Powder coat paint
Salt Spray: 1000 hours
UV Resistant: 500 hours
Seal: Weather resistant
Venting: Vented top and bottom
Front face: 1/8" Lexan UV matte finish
Raising and lowering of display: Electro-hydraulic
Secondary raise and lowering: Manual hand pump

POWER AND CHARGING

Batteries: (4) 12 volt batteries for combined 400 amps
Battery Charger: 10 volt, 1000 watt, 60 amp
Recharge: 24 hours
Onboard diagnostics to monitor: Solar, battery, and load
Solar: (1) 140 watt solar panel
Regulator: 30 amp regulator with low voltage & high voltage disconnect.

CONTROLLER

Preprogrammed Messages: 260 including arrows and MUTCD symbols
User programmable: 100
Message Timing: Slow, medium, fast
Dimming: Auto or Manual
Protection: Password
Quick Message Selection: Thumbwheel to quickly select between 16 user programmable messages.
Controller Display: LCD
Data Entry: Mini Keyboard
Memory: Non volatile
**Pre-wired to accommodate radar, cell modem, and PC
Auto Resume after power failure*



K&K Systems' Quick Message Selection Thumbwheel switches between the first 16 user defined messages. Roll the thumbwheel to desired message number to display a message.



OPTIONS

- ▶ Locking lug nuts
- ▶ Radar
- ▶ Pintle ring or bulldog hitch
- ▶ Electric or hydraulic brakes
- ▶ Custom Paint
- ▶ Outrigger Stability Supports
- ▶ Other Options available



K&K Systems, Inc.
Traffic Safety Products Manufacturer

FEATURES

- ▶ Maintenance Free Batteries
- ▶ Long Lasting Battery Life
- ▶ Sealed Battery Box
- ▶ Single 140 Watt Solar Panel
- ▶ Meets MUTCD Standards
- ▶ Auto Dimming
- ▶ Super Bright LED Technology
- ▶ 360° of Rotation
- ▶ Durable Powder Coat Paint
- ▶ (4) Adjustable Corner Jacks and (1) Tongue Jack
- ▶ Sleek Frame Design

PORTABLE CHANGABLE MESSAGE BOARD

MODEL #MB8249

The MB8249 Full Matrix Message Board provides messaging functionality to display predefined and custom messages in three or four lines of alphanumeric text and MUTCD graphics/animations via an on-board controller. Our all LED display measures 82" x 49" and is mounted on a powder coat finished hydraulic style trailer.



Onboard Controller

