

SECTION 00010

ADVERTISEMENT FOR BIDS

PANAMA CITY BEACH – “SOLAR MESSAGE CENTER”

This advertisement is for the proposed purchase of two (2) Solar Message Center. The Bidder shall provide all materials, equipment and labor necessary to supply the specified equipment.

Specifications will be available on January 11, 2017 and can be obtained via E-mail by contacting Sheryl Woodcock at swoodcock@pcb.gov or may be picked up at the Public Works Office at 116 S. Arnold Road, Panama City Beach, Florida 32413. The bid must conform to Section 287.133(3) Florida Statutes, with respect to Public Entity Crimes.

Bids will be received until **10:00 a.m. Central Time, January 20, 2017** at **City of Panama City Beach, 110 S. Arnold Road, Panama City Beach, Florida** and will be opened and read publicly immediately thereafter. All Bids shall be submitted in an envelope clearly marked “Sealed Bid – **Panama City Beach “Solar Message Center”**”. The City of Panama City Beach (“City”) reserves the right to reject any and all Bids. All Bids shall be firm (including all labor and material prices) for a period of 30 days after opening.

The City shall award the purchase order to the lowest responsive and responsible bidder, however, the City reserves the right to award the Contract to a Bidder who is not the lowest responsive and responsible bidder if the City determines in its reasonable discretion that another Bid offers the City a better value based upon the reliability, quality of service, or product of such other Bidder.

Each bidder must comply with all applicable state and local laws concerning licensing, registration, and regulations of contractors doing business in Florida.

**SPECIFICATIONS
for
SOLAR MESSAGE CENTER**

January 15, 2017

I. GENERAL CONDITIONS

1. The purpose of this bid is to establish a firm, fixed, unit price for two (2) Solar Message Centers in accordance with the Purchasing Policies of the City of Panama City Beach, Florida.
2. Award will be made to the responsive, responsible bidder offering the lowest prices for the products requested. The City reserves the right to reject any one or all bids, or any part of any bid, to waive any informality in any bid and to award a contract deemed to be in the best interest of the City.
3. Specifications are open to public inspection and may be obtained from the Public Works Department, 116 S. Arnold Road Panama City Beach Parkway, Panama City Beach, FL 32413, or by contacting Sheryl Woodcock @ swoodcock@pcb.gov or telephone 850-233-5100, extension 2400.
4. In the event a brand name is specified, that brand or *an approved equivalent* will be accepted, even though it may not be stated in those terms in the bid.
5. All specifications described herein are for new, unused equipment only. Bidders may offer other units, providing they are equal to the minimum requirements. Bids shall be sealed *and the envelope plainly marked with the requested bid identification*. Only bids submitted on the provided Bid Sheet will be considered responsive.
6. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

II. SPECIFICATIONS

It is the intent of these specifications to describe a Solar Message Center designed to provide changeable message signs for work zones. This unit will be new and unused and the manufacturer's latest production.

SOLAR MESSAGE CENTER SPECIFICATIONS

All specifications are to be considered minimum.

1. *Mini Unit Specifications*

Raised height – 134” (3.4 m)
Travel height – 102” (2.6 m)
Width – 68” (1.73m)
Length with tongue – 107” (2.72 m)
Length w/o tongue – 55” (1.4 m)
Weight – 850 lbs (385.5 kg)
Energy Source – (2) 4D Deep Cycle batteries
Autonomy – 21 days
Generator – Solar Panel Array
Operating Temperature Range - -20 to +120 degrees F (-29 to + 49 degrees C)
Lift mechanism – 1,500 lbs. brake winch
Main Frame – 2” x 3” x .120” high grade steel

2. *Sign Case Specifications*

Height – 48” (1.22 m)
Width – 96” (2.43 m)
Character Height – 12” (30.48 com) and 18” (46 cm)
Lamp – LED (4 per pixel)
Legibility – 1000 ft. (304 m)

4. *Computer Specifications*

Control Console Display: LCD
Pre-programmed messages: 250
User programmed messages: 100
NTCIP –compliant software
Update speed: 100 Milliseconds
Removable Solid State Design
Off-the-shelf QWERTY keyboard

SOLAR MESSAGE CENTER SPECIFICATIONS

5. *Remote Communication System*

Provides NTCIP –compliant programming with mapping capability. Diagnostics, including pixel out detection.

Internet-Based Communications System – Accessible from any device with an internet web browser.

Standard NTCIP-Compliant Controller – A user-friendly, NTCIP –compliant, dedicated computer with easy programming and with secure password protection.

6. *System Integrity*

The Solar Message Center shall be capable of operating independently of sunlight for 21 days using the 2 batteries in the battery bank. The solar array shall be sized to provide one day's power requirement in just 2.5 hours of good sunlight.

Shall be energy-efficient LED display with minimal battery maintenance and long operational life.

7. *Sign Flexibility*

The Message center shall be designed for use in areas where space is limited, and provide variable character fonts with both 12" and 18" character heights.

8. *Full Matrix Display*

The Message center shall provide no less than 250 text, 60 graphic and 20 arrow board display messages preprogrammed and stored in the controller. Additionally, shall provide 100 user-created messages that can be programmed and stored.

Shall have automatic intensity control for optimum LED intensity and shall have calendar programming capability.

9. *Industrial-Grade Structural Steel Trailer*

The Message center shall have a durable trailer system designed to provide years of dependable service. The trailer's frame shall be made of 2" x 3" 11-gauge steel; and a 2,000 pound axle. The trailer shall be Powder-coat paint that provides improved fade and scratch resistance.

**SOLAR MESSAGE CENTER
SPECIFICATIONS**

10. *Modular Electronic Componentry*

The system shall be developed with the operator/end user in mind. Electronic components shall be easily replaced.

11. *Additional Equipment shall be included:*

3” Pintle Eye Ring/2” Ball Combination Hitch

III. SPECIAL CONDITIONS

In addition to equipment specified, Solar Message Center shall be equipped with all standard equipment as specified by manufacturer for this model, and shall comply with all safety standards as established by any federal, state, and local agencies.

Manufacturer’s names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and establishment of quality level desired and are not intended to limit competition.

The bidder may offer any brand which meets or exceeds the specifications for any item(s). If bids are based on equivalent products, indicate on the bid form the manufacturer’s name, catalog number or model number.

Bidder shall submit with his bid complete descriptive literature and/or specifications.

The Bidder should also explain in detail the reason(s) why and submit proof that the proposed equivalent will meet the specifications and not be considered an exception thereto. The City of Panama City Beach reserves the right to be the sole judge of what is equal and acceptable. Bids which do not comply with these requirements are subject to rejection. If bidder fails to name a substitute, it will be assumed that he is bidding on, and he will be required to furnish goods identical to bid standard.

END OF SPECIFICATION

SECTION 00030

BID PROPOSAL FORM

This proposal of _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of _____, doing business as _____ (a corporation, a partnership or an individual), whose Florida business license number is _____ is hereby submitted to the CITY OF PANAMA CITY BEACH (hereinafter called "OWNER").

In compliance with the requirements of the Advertisement for Bids, BIDDER hereby proposes to supply the equipment specified for the **Panama City Beach – Solar Message Center** in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID, each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BASE BID

The Undersigned, as Bidder, hereby declares that he has examined the bid specifications and informed himself fully in regard to all conditions pertaining to the equipment to be supplied.

The Bidder proposes and agrees, if this proposal is accepted, to contract with the City of Panama City Beach for the unit prices listed, in full and complete accordance with the shown, noted, described and reasonably intended requirements of the specifications to the full and entire satisfaction of the City of Panama City Beach, Florida, with a definite understanding that no money will be allowed for extra work. Payment in full will be made to the supplier within 30 days of delivery and acceptance. The Bidder further proposes and agrees hereby to supply, and deliver, all specified equipment within 120 consecutive days from issuance of City Purchase Order.

ADDENDUM ACKNOWLEDGMENT:

I, the undersigned bidder, hereby acknowledge receipt of the following addenda:

ADDENDUM NO. _____ ADDENDUM NO. _____

LUMP SUM BID PRICE:

Unit price for furnishing **two (2) SOLAR MESSAGE CENTER** in accordance with the Contract Specifications as listed below:

<u>Description</u>	<u>Quantity</u>	<u>Bid Price</u>	<u>*Delivery Time</u>
Solar Message Center	2	_____	_____

*Delivery time is for number of calendar days after receipt of purchase order.

NOTE:

1. BIDS shall exclude Florida sales tax. All other applicable taxes and fees shall be included.
2. BIDS shall be the total compensation to be paid by OWNER for the specified equipment.
3. The OWNER reserves the right to reject any and all bids received.

BIDDER'S CERTIFICATION

BIDDER certifies that it has thoroughly familiarized itself with the CONTRACT DOCUMENTS. Bidder certifies that the BID submitted is complete and is sufficient for the Bidder to provide fully operational and working equipment in accordance with the CONTRACT DOCUMENTS. Furthermore, BIDDER certifies its understanding that the OWNER shall not provide any labor, equipment or materials of any kind, which may be required for the supply and delivery of the equipment, unless otherwise specifically directed by OWNER. Likewise, BIDDER certifies that it shall provide all equipment, materials, labor and services necessary to supply the equipment in accordance with the CONTRACT DOCUMENTS whether or not such equipment, material, labor, or service is expressly identified. Such occurrences are deemed subsidiary obligations of the contract for which complete compensation is made under the Lump Sum. The failure or omission of any BIDDER to do any of the foregoing shall in no way relieve any BIDDER from any obligation in respect to its BID.

BIDDER:

Name & Title (please print or type)

Signature

Business Name

Address

Business License #

Phone Number

Date

[END OF SECTION 00030]