

SECTION 10 – GENERAL SPECIFICATIONS

10.1 GENERAL DESCRIPTION – The work to be performed by the Contractor under this section, shall be Furnishing and Delivery to the State’s Airports Division at the various Hawai’i Island airports the following electronic message board(s) listed below:

Item Description

FOUR (4) MOBILE ELECTRONIC MESSAGE BOARDS

As described in Section 11.

The term “vehicle” shall refer to Item Description above and all parts of the general and detailed specifications listed herein.

10.2 GENERAL SPECIFICATIONS – In addition to Detailed Vehicle Specifications listed herein, the following requirements shall form a part of the Specifications:

A. Quality of Vehicle

1. All vehicles offered shall, meet ANSI & OSHA safety requirements, and any other Federal and State safety requirements. If applicable and when requested vehicles shall bear a label or written documentation indicating approval of safety requirements from a bona fide testing laboratory.
2. All vehicles furnished under these provisions and of its respective kind, shall be completely assembled and free of defects, which may render them unfit for use.
3. Vehicles offered shall include any other standard features not listed herein but detailed in manufacturer’s brochures or specifications literature and deemed necessary for the proper and safe operation of the vehicle.
4. No payment, whether partial or final, shall be construed to be an acceptance of defective vehicles.
5. The State may, at any time by written order, stop delivery of equipment not conforming to these specifications. Such stop order shall not relieve the Contractor of his/her obligation to complete his/her contract times, nor shall it in any way terminate, cancel or abrogate the contract or any part thereof.

B. Submittals

Upon delivery, Contractor shall provide the following:

1. Two (2) copies each of owner-operated manuals and one (1) copy each of service and parts manual.
2. Manufacturer's recommended maintenance schedule.
3. List of factory trained and authorized vendors and personnel able to provide service and support.
4. List of identifying items and systems which require factory authorized Vendors personnel to install or maintain and also stock all necessary parts for same.

C. Delivery

1. Equipment furnished under these specifications shall be delivered within 180 Calendar days from Notice of Award date from the Department of Transportation at the following location(s):

Airports Division, Hawaii District
Hilo International Airport
Maintenance Baseyard
Hilo, Hawaii 96720-4556
Attn. Mr. Calvin Shimizu, Telephone (808) 961-9377 or
calvin.t.shimizu@hawaii.gov
Two (2) Message Boards

Airports Division, Hawaii District
Ellison Onizuka Kona International Airport at Keahole
Maintenance Baseyard
Kailua-Kona, Hawaii 96740-2645
Attn: Mr. Benjamin Aragon, Telephone (808) 327-9507 or
benjamin.p.aragon@hawaii.gov
Two (2) Message Boards

2. Representatives of both the Contractor and the State shall be present at the Delivery date for the purposes of visual inspection and if necessary, for instructions in the use of the vehicles.
3. Prior to delivery, Contractor must contact the State representative at the location indicated above to coordinate delivery arrangements.
4. Upon delivery, if requested by the State, the Contractor shall schedule a training program to demonstrate proper and safe operations and maintenance of equipment. This service shall be made available at no additional cost to the State. (i.e., include cost in bid)

D. Certificates Required

Certificates listed below shall be provided by the Contractor (if applicable) at the time of delivery of the vehicles. The following certificates are essential for the Proper registration and licensing of new vehicles:

1. Hawaii Vehicle Safety Inspection and decal;
2. Notarized Certificate of Bill of Sale (not required for Oahu dealerships); and
3. Certificate of Weight and Measures (required if factory-furnished vehicle weight is unavailable; e.g. vehicles with post-factory modifications or alterations). Certificate must include make, model, number year and vehicle identification number. Verified weight in pounds must be officially machine-stamped; hand written will not be acceptable.
4. Acceptance of and payment for new vehicles will not be made without submittal of necessary certificates. The State shall be responsible for registering and licensing of vehicles; Contractor shall provide temporary license plates to be used during the interim period prior to securing of State of Hawaii license plates.

E. Delivery Extension

1. Contractor shall complete delivery within 180 days after notice of award. If Contractor fails to deliver within the time allowed, liquidated damages in the amount of \$50.00 for each and every calendar day the contractor fails to deliver shall apply.
2. Contractor shall not be held responsible for delay due to reasons beyond his control, provided that prior to the delivery deadline, he/she notifies the BUYER of such delay and the reasons for such delay and request for extension in writing.
3. **REQUEST FOR EXTENSIONS WILL NOT BE CONSIDERED WITHOUT A COPY OF THE FACTORY ORDER AND A COPY OF THE FACTORY CONFIRMATION OF THE ORDER AND WITHOUT DOCUMENTS SUBSTATATING THAT THE CAUSE (S) FOR DELAY IS, IN FACT, BEYOND THE CONTROL OF THE CONTRACTOR.**

F. Warranty

1. Equipment furnished shall be fully guaranteed by the Contractor for a minimum period of one (1) year or for the period guaranteed by the manufacturer, whichever is longer, against defects resulting from the use, negligent workmanship or against all design and manufacturing defects.

2. Warranty shall not be less than one year on all accessory items; to include parts and labor.
3. Local warranty service for all components must be made available on the island of Hawaii.
4. Warranty period shall begin from the date vehicle is accepted and placed in service.
5. Warranty documents shall be delivered with vehicles and shall detail Manufacturer's obligation and warranty procedures to include any accessory equipment.
6. Contractor shall replace or repair defective material and / or workmanship at no cost to the State for parts and labor during the warranty period; such defects are not due to abuse or negligence on the part of the State.

G. Invoicing

1. Contractor shall submit original and three copies of the invoice to the delivery address.
2. Invoice should reference the contract number.

SECTION 11 – FOUR (4) MOBILE ELECTRONIC MESSAGE BOARDS

11.1 SCOPE OF WORK - The work consists of furnishing and delivering FOUR (4) MOBILE ELECTRONIC MESSAGE BOARDS to the various Hawai'i Island airports. The Contractor shall present the equipment complete, ready to use and fully operational.

11.2 The specifications contained herein establishes minimum standards for the Mobile Electronic Message Board and shall include any other standard features not listed but detailed in manufacturer's brochures and deemed necessary for proper and safe operations of the equipment.

- A. Model/Year -Latest product model or equal
- B. Trailer
 - Towable with 2 in ball hitch
 - Axle capacity of 1,000 lbs. minimum
 - 4 support points for when message board mast is deployed.
 - Safety chains for safety when towing.
 - Able to transport sign at minimum trailering speed of 50 MPH.
 - Trailer to be painted to protect from the weather.
- C. Power Requirements
 - Battery powered with the ability to be recharged by solar.
 - Minimum of three (3) 6-volt heavy duty deep cycle batteries (maintenance free).
 - Battery charger to be included with unit.
 - Lockable battery compartment to protect from weather and theft.
- E. Mast Assembly
 - Ability to rotate 360 degrees
 - Positive position locking system
 - Ability to deploy up to a height of 120" minimum.
 - Hydraulic powered to raise mast to deployed position.
- F. Message Display Panel
 - Minimum size of 96" x 48"
 - Display shall be able to display one (1), two (2) or three (3) lines of characters or text.
 - Able to view message at a minimum of 50 ft.
 - Lockable enclosure for message board program screen to protect from the weather.
 - Display case to be constructed of aluminum or steel (painted for protection from weather).
 - Vents on display case to provide ventilation to prevent condensation from forming.

11.3 OTHER

- A. Unit shall have a one (1) year warranty minimum
- B. List of scheduled item/systems which require maintenance by factory authorized personnel.
- C. SMV (Slow Moving Vehicle) emblem
- D. Operators Manual, two (2) copies. Service and Repair Manual, one (1) copy. Parts Catalog, one (1) copy. Book format/CD/DVD
- E. One (1) set of spare warning decals.

11.4 TRAINING

Contractor shall provide operator and maintenance training to demonstrate proper and safe operation of equipment. This training shall include a minimum one (1) hour hands on training. This training shall be at no additional cost to the State. Training shall be consistent to OSHA requirements.