DESCRIPTION OF INTENDED SINGLE SOURCE PURCHASE
for State of Florida Grant Funded Projects as required

Agency: County of Volusia d/b/a Votran
Title: Paratransit Vehicle radio/communication equipment upgrades

Contact Information:
  Name: Bobbie King
  Address: 950 Big Tree Rd., South Daytona, FL 32119
  Telephone: 386-254-1514 ext. 18800
  Email: bgking@volusia.org
  Date posted: 07/12/2024

This description of commodities or contractual services intended for purchase from a single source is posted in accordance with Sections 120.57(3) and 287.057(3), Florida Statutes (F.S.), and will remain posted for a period of at least 15 business days.

Commodity or Contractual Service Required (manufacturer, model, and description, as appropriate):

Equipment must be compatible with our current backend software and enable Votran to take advantage of many new system features such as:

- Latest generation VLU, which now runs all the software, eliminating the need for other processors in our MDT.
- New 10” color touch screen driver interface that eliminates a proprietary MDT and offers a larger display and new features
- Enhanced Features including more efficient bulk downloads, API available from IVU and Ethernet interface
- Integration ready for Mobile Ticketing, Infotainment, Cameras, etc.
- Single hardware platform for Fixed Route and Paratransit vehicles

PARATRANSIT SOLUTION

Equipment for 68 paratransit vehicles must be the same as the in-vehicle hardware solution on our Fixed Route.

The Paratransit solution must include advanced navigation tools and mapping with frequent updates.
The equipment must be compatible with Windows 10 Embedded OS, which can support L3Harris’s mobile radios.

**PROVIDER WILL BE RESPONSIBLE FOR:**

1. Vehicle surveys for the fleet to ensure equipment accuracy and placement.
2. Provide acceptance test procedures to be performed during fleet upgrade to ensure proper networking configurations.
3. Install IVU3, 10” driver displays, and CCMs based following assumptions:
   - a. Remove during upgrade (where applicable):
      - existing MDT, GPS antenna, vehicle cabling as necessary
   - b. Install during upgrade
      - IVU3, slide plate & cabling including - Power Filter, Back-up Battery, CCM, 10” Display, GPS antenna (44UB)
      - Digi WR54 on Bus 7200, 7201, and 7202 to replace RV50
      - BIB upgrade
   - c. Unchanged ITS equipment:
      - Digi WR54
4. Complete the removal and installation of existing vehicle equipment.

**COMPLETION REQUIREMENTS**

1. Perform training for maintenance staff. This will include a sign-off sheet of attendees and testing to ensure knowledge retention. This step is considered complete upon the sign-off of the employee supervisor designated by Votran.
2. Upon installation, vehicles will be vetted with a pre- and post- check and functionality tested.

**Quantity or Term (as appropriate):**  Equipment for 68 paratransit vehicles

**Requestor (division):**  Transit Services Division

**Performance and/or Design Requirements (e.g. intended use, function or application, compatibility, requirements; reference to policy, rule, statute or other act of the Legislature, etc., as appropriate):**

Equipment must be compatible with our current backend software and enable Votran to take advantage of many new system features such as:

- Latest generation VLU, which now runs all the software, eliminating the need for other processors in our MDT.
• New 10” color touch screen driver interface that eliminates a proprietary MDT and offers a larger display and new features
• Enhanced Features including more efficient bulk downloads, API available from IVU and Ethernet interface
• Integration ready for Mobile Ticketing, Infotainment, Cameras, etc.
• Single hardware platform for Fixed Route and Paratransit vehicles

PARATRANSIT SOLUTION

Equipment for 68 paratransit vehicles must be the same as the in-vehicle hardware solution on our Fixed Route.

The Paratransit solution must include advanced navigation tools and mapping with frequent updates.

The equipment must be compatible with Windows 10 Embedded OS, which can support L3Harris’s mobile radios.

PROVIDER WILL BE RESPONSIBLE FOR:

1. Vehicle surveys for the fleet to ensure equipment accuracy and placement.
2. Provide acceptance test procedures to be performed during fleet upgrade to ensure proper networking configurations.
3. Install IVU3, 10” driver displays, and CCMs based following assumptions:
   a. Remove during upgrade (where applicable):
      • existing MDT, GPS antenna, vehicle cabling as necessary
   b. Install during upgrade
      • IVU3, slide plate & cabling including - Power Filter, Back-up Battery, CCM, 10” Display, GPS antenna (44UB)
      • Digi WR54 on Bus 7200, 7201, and 7202 to replace RV50
      • BIB upgrade
   c. Unchanged ITS equipment:
      • Digi WR54
4. Complete the removal and installation of existing vehicle equipment.

COMPLETION REQUIREMENTS

1. Perform training for maintenance staff. This will include a sign-off sheet of attendees and testing to ensure knowledge retention. This step is considered complete upon the sign-off of the employee supervisor designated by Votran.
2. Upon installation, vehicles will be vetted with a pre- and post-check and functionality tested.
**Intended Single Source:**  Avail Technologies

**Estimated Dollar Amount:**  $859,940.13

**Justification for single source acquisition** (what is necessary and unique about the product, service or source; steps taken to confirm unavailability of competition, as appropriate):

Avail Technologies is Votran’s ITS Equipment and service provider. Avail is on the State TRIPS contract for the same equipment specifically for Fixed Route which is also being upgraded. Not utilizing equipment provided by Avail could result in issues relating to the support of the equipment for years to come. As the ITS service provider, Avail is responsible for the service, support and upgrades to all the equipment.

This project is a multi-phased project, including additional equipment from another company that requires coordination from all the vendors. Consistency with coordination is another important reason for choosing one vendor and all the same equipment for all vehicles.

**Approved By** (names & titles, as appropriate, e.g., requestor, requestor management, information systems, budget, purchasing):

Bobbie King, Transit Services Division Director

Pamela Wilsky, Director, Purchasing and Contracts

Prospective vendors are requested to provide information regarding their ability to supply the commodities or contractual services described. If it is determined in writing by the agency reviewing any information received from perspective vendors, that the commodities or contractual services are available only from a single source, the agency shall provide notice of its intended decision to enter a single-source purchase contract in the manner specified in Rule 60A-1.45, Florida Administrative Code, and section 120.57(3), F.S.