DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New ☐ OTR ☐ Sole Source ☑ Bid Waiver ☐ Emergency ☐ Previous Contract/Project No. ☐

Contract ☑ Re-Bid ☐ Other ☐ LIVING WAGE APPLIES: ☑ YES ☐ NO

Requisition No./Project No.: ROAV1300013 TERM OF CONTRACT ☐ 5 YEAR(S) WITH ☐ 10 YEAR(S) OTR

Requisition/Project Title: Automated Vehicle Identification (AVI) (Ground Transportation System) GTS

Description: The purpose of this acquisition is to establish a term contract for the Miami-Dade Aviation Department to procure upgrades to the existing AVI at the Miami International Airport

Issuing Department: Internal Services Contact Person: Dakota Thompson Phone: 305-375-2356

Estimate Cost: $1,602,220

Funding Source:

ANALYSIS

Commodity Codes: 205-28

Contract/Project History of previous purchases three (3) years
Check here if this is a new contract/purchase with no previous history.

<table>
<thead>
<tr>
<th>EXISTING</th>
<th>2ND YEAR</th>
<th>3RD YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor:</td>
<td>Transcore LO</td>
<td></td>
</tr>
<tr>
<td>Small Business Enterprise:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contract Value:</td>
<td>$1,602,220</td>
<td>$</td>
</tr>
</tbody>
</table>

Comments:

Continued on another page (s): ☑ YES ☐ NO

RECOMMENDATIONS

SBE

Set-aside Sub-contractor goal Bid preference Selection factor

Basis of recommendation:

Signed: Dakota Thompson, CPPB Date sent to SBD: May 15, 2013

Date returned to DPM:
Monday, April 29, 2013

Mr. Carlos Garcia
Computer Services Manager
Miami Dade Aviation Department
P.O. Box 025504
Miami, Florida 33102

Subject: Ground Transportation System Field Hardware Upgrade

Reference: MDAD AVI Requirements Addendum (Final) - RFP No. 651

Dear Mr. Garcia,

TransCore is pleased to provide the Miami Dade Aviation Department (MDAD) with this firm fixed price proposal based on the referenced requirements document to perform the following work:

- Furnish 28 new Encompass 5 readers which will cover 52 lanes for the Ground Transportation Management System at Miami International Airport.
- Provide design, installation, testing, tuning and commissioning services for readers in item 1.
- Provide new backend servers (two standalone units for failover).
- Provide new GateKeeper Systems browser-based Commercial Vehicle Management (CVM) software and all required 3rd party software for operation.
- Provide account data conversion from the existing Durasys platform to the new GateKeeper Systems CVM software.

For the AVI reader upgrade, TransCore will provide our Encompass 5 (E5) readers and our Universal Toll Antennas in a configuration with two antennas and a single reader wherever possible. The proposed upgrade will continue to operate with the current ATA battery-powered hard case tags until such time as the tag population is changed to our lower cost eGo Plus sticker tags. Once the tag population is changed, MDAD would have the option to be interoperable with the local SunPass tag base as well as the Port of Miami. The new upgraded equipment will also allow for joint operation of the E5 units that are installed for the parking system which will avoid interference issues between the two systems.

For the backend software, the TransCore team will convert all non-transactional account data from the existing Durasys system over to the new browser-based CMS software backend. The GateKeeper Commercial Vehicle Management (CVM) software is specifically designed for airports to track and control the movement of commercial vehicles while on the airport and to perform tasks such as tag administration, vehicle access control and tracking, calculating trip fees, dwell fees and other types of fees, creating rate tables, providing access to all system information, etc. The CVM software also includes a standard set of reports that will be modified as discussed and approved by the Airport staff. The software also has the capability for the user to create additional reports using the Microsoft SSRS report tool, export data for further analysis, and provide a flexible security module to control the access and functions available to users of the system. The TransCore team will be responsible for the installation of the CVM software on the TransCore-provided servers, the required network setup for all software elements, and will work with the Airports staff on the configuration.
For this upgrade, the software will be required to be installed and operational prior to any lane level efforts. The reason for this is that the new software will be able to communicate with both the existing readers and the new readers that will be deployed without any interruption to service. The overall transition and deployment plan will be provided during the design phase as a deliverable.

Please be advised that, the following provisions apply to our offer:

This proposal is valid thru November 30, 2012.

Any and all proposals and offers for GTMS upgrades and/or modifications prior to this offer dated October 28, 2011 are no longer valid.

This proposal is based on replacing the existing Durasys backend with the GateKeeper browser based CVM software.

This proposal includes the responsibility for providing and the physical installation of the lane level equipment by TransCore.

Training on the new readers will be provided as on-the-job training during the installation and commissioning effort of this project. No formal training session is included in an effort to keep the overall costs to a minimum. Formal training classes can be made available to MDAD radio shop personnel at additional cost.

Pricing includes all design, configuration, installation, testing and training for the CVM software.

Pricing does not include any costs associated with security badging of employees for SIDA access while working at the Airport.

TransCore proposes our standard depot level repair, 5-year extended warranty on all TransCore manufactured equipment.

This proposal includes 24x7 support for the first year, after acceptance, for all of the software being provided on this project. This includes all bug fixes and upgrades that may become available.

Pricing is exclusive of proposal or trade payment bonds and any provisions for liquidated damages.

This proposal includes the mutually agreed to Requirements Addendum referenced above.

The TransCore offer does not include any PE-stamped drawing efforts.

All required maintenance of traffic (MOT) will be performed by MIA.

We look forward to working with MIA on this project. If you need additional information, please contact me at 972.342.1431 or Mr. Tim Schock at 678.777.8668.

Regards,
TRANSCORE

Forrest M. Swonsen
Director, Airport Systems and Services
MIAMI INTERNATIONAL AIRPORT
AVI SYSTEM UPGRADE FOR THE
GROUND TRANSPORTATION MANAGEMENT SYSTEM

AVI Hardware:

TransCore AVI hardware includes:
28 - Encompass 5 AVI reader systems including
reader enclosures (as needed), Digital I/O and GPS
sync equipment as needed and one check tag per lane
52 - AA3152 Universal Toll Antennas
6 - Encompass E1d handheld units and accessories
5-year extended warranty on all new AVI readers

Third party components include:
RF Antenna surge protection
GPS unit surge protection
Reader power supplies
All lane level communications devices
All required conduit, fittings, cabling and connectors

Labor:

This item includes system engineering, project management,
system design, installation, termination, testing, tuning and
commissioning of AVI system

Freight/Travel/Per Diem, ODC’s:

Includes all costs associated with on-site travel, per diem and freight

Subcontractors:
This item includes civil/electrical over-site and X-ray efforts

GateKeeper and 3rd Party Software:
This item includes the GateKeeper CVMS and all other required 3rd party
Software

GateKeeper Labor:
This item includes all of the labor associated with the design, data conversion
Installation, report modifications, testing and commissioning

Servers:
This item includes the two required servers and all associated labor to install
and configure.

Total Cost: $1,492,942.00
MDAD GTMS
Monday, April 29, 2013
Page 5 of 5
Tax:

Miami-Dade County User Access Program:

TOTAL:

Spare Parts:
This item includes:

3 Encompass 5 readers,

3 GPS sync units,

3 antenna mux units

1 handheld unit with accessories

3 surge protectors

3 reader power supplies

3 communications devices

$45,490.00

$36,333.00

$1,651,123.00

$37,605.00