DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

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

☐ Contract ☐ Re-Bid ☐ Other

Requisition No./Project No.: RQA1300010

☑ LIVING WAGE APPLIES: YES ☐ NO

TERM OF CONTRACT ☐ YEAR(S) WITH ☐ YEAR(S) OTR

Requisition /Project Title: Crossbeam Upgrade

Description:
The existing Crossbeam Networks Systems requires an upgrade to provide ongoing services for the Miami Dade Aviation Department.

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

Estimate Cost: $768,001

Funding Source:

ANALYSIS

Commodity Codes: 205

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>Contractor:</th>
<th>EXISTING</th>
<th>2ND YEAR</th>
<th>3RD YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crossbeam</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Small Business Enterprise:

Contract Value: $768,001

Comments:

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

RECOMMENDATIONS

Set-aside Sub-contractor goal Bid preference Selection factor

Basis for recommendation:

It is recommended that this project be approved as an Emergency

Signed: Dakota Thompson, CPPB
Date sent to SBD: December 20, 2012

Date returned to DPM:
**EMERGENCY PURCHASES**

**NOTE TO DEPARTMENTS: COMPLETE ITEMS MARKED WITH (*)**

<table>
<thead>
<tr>
<th>Requisition #</th>
<th>R.O. #</th>
<th>BCC Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3CO10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ACQUISITION DATE (Date Order Is Placed):**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Crossbeam upgrade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DESCRIPTION:</strong> To upgrade the Crossbeam infrastructure.</td>
<td></td>
</tr>
<tr>
<td><strong>PURPOSE:</strong> To upgrade the Crossbeam infrastructure in order to continue supporting the multiple systems on the MDAP network.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item(s)</th>
<th>Funding Source(s)</th>
<th>Allocation(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Proprietary</td>
<td>$ 768,000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TERM OF CONTRACT:**

- One [ ] Two [ ] Three [ ] Four [ ] Five [ ] Year(s)
- [ ] Month(s)
- Contract Period From [ ] to [ ]
- Upon Completion [ ] From [ ] to [ ]
- Upon Delivery [ ] Days A.R.O. (after Receipt of Order)

**Special Conditions:**

- Insurance Type:
- Performance/ Payment Bond
- Certificate of Competency
- Living Wages Applies

**SBE:**

- [ ] None
- Set Asides [ ]
- [ ] Small Business
- [ ] Micro Enterprise
- [ ] Historically Black Business
- [ ] Women-Owned Business
- [ ] Alaskan Native Business
- [ ] Native Hawaiian Business
- [ ] Other [ ]

**Reviewed Committee Date:**

<table>
<thead>
<tr>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

**Number of Price Quotation(s) Requested:**

- Requested: [ ]
- Received: [ ]

**Recommended To Low Bidding:**

- [ ] YES
- [ ] NO If "NO", provide explanation in the Comments section

**Vendor:**

<table>
<thead>
<tr>
<th>Crossbeam Technologies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vendor 1</td>
</tr>
<tr>
<td>Vendor 2</td>
</tr>
</tbody>
</table>

**Contract Value:**

| $768,000.00 |

**Did Local Preference affect the outcome of the Award?**

- [ ] YES
- [ ] NO If "YES", provide detailed explanation in the "Comments" section

**DAP Included:**

- [ ] YES
- [ ] NO

- [ ] Will QTT funds be used? YES [ ]
- [ ] Will Regional funds be used? YES [ ]

- [ ] If DAP is not included, attach written approval to waive DAP and provide an explanation in the "Comments" section

**Revised: 7/15/07**
SECTION 43
EMERGENCY PURCHASES

REQUISITION #
TITLE

Justification and Comments:
The need to upgrade the Crossbeam infrastructure has reached critical status and may affect business operations if not completed immediately. The existing contract for Crossbeam network systems lacks sufficient allocation to complete the upgrade. MDAG business partners and internal operations are being negatively affected by the current equipment. The equipment has reached the end of its useful life cycle.

Continued delays for this upgrade will result in a significant impact to airport operations. This became evident after a customer from Germany was not able to use their network to remotely access the system for 5 days. MDAG supports access to airline systems, baggage systems, and our other business partners worldwide.

Because the hardware is past end-of-life, support is limited to note, and recovery from a hardware failure may not be possible. With a loss of revenue to the airline and MDAG's revenue, MDAG's reputation as a property manager would be severely impacted.

If the system is upgraded on a planned schedule, the impact will be minimal. The planned outage will be the standard 5:00 PM window for down time (2 hours beginning at midnight).

If the hardware fails unexpectedly, all airline and airport operations would be manual for the duration of the procurement cycle, plus the 2 weeks needed to install the hardware and complete the upgrade.

Background/Need to Know:
The Crossbeam infrastructure is actually a group of systems. It is the heart of the MDAG network and provides a path for customers to securely interconnect. The Crossbeam network, providing 99.9999% reliability since its implementation, tolerates different failure modes. But since it is past end-of-life, recovery from a hardware failure may not be possible.

The Crossbeam
The Crossbeam infrastructure is past end-of-life, and the software that it uses is more than 10 releases behind. Because of this, we are at risk for the following:

- All security systems that interface with the Crossbeam must also run releases of software that are not current.
- Vendors will no longer be providing support for security systems that interface with the Crossbeam.
- If there is a hardware failure in any of the related systems, we may not be able to recover.
- In addition to security systems, every tenant system is managed by the Crossbeam. Any outage will directly impact their technology operations and airport revenue.

The Operational Impact:

Revised 9/1/200
SECTION 2
EMERGENCY PURCHASES

Below is a high-level summary of the major systems that will be impacted. Other systems with similar impact will also be impacted, but only major systems are shown below.

- Airports would have to go to manual processing. DME and DSC would not be able to coordinate with any of the airline's worldwide systems.
- Wireless, both public Wi-Fi and the corporate wireless would be down.
- Baggage handling systems would be down.
- The hotel's inventory and reservations systems would be down.
- Parking garage systems would not work: Sunpass or parking collections.
- Parking garage toll gates would have to remain open.
- The security system would not be available at the AOA gates to the airfield.
- The NICE system that supports all security personnel in the airport would be down.

The Revenue Impact
What is known is the loss to MDAD for the known revenue streams, which is briefly described:

- Approximately 60% revenue producing TFS customers with MDAD provided Internet & Wi-Fi would not be required to pay their fees.
- Flight deals would have to be cancelled, having fees could not be billed.
- Parking revenue would be affected.
- Additional security personnel would be needed to help manage the issues with passengers.

Potential Issues:

[Signatures and dates]

Department of Procurement Management Use Only

[Address: 333 E. Sunrise Blvd, Suite 1000, Miami, FL 33132]

[Phone: 305-374-3432]

[Website: www.miami-airport.com]
EMERGENCY PURCHASE

Signatures:

Contact Person ___________________________ Date ______

Telephone ___________________________ Date ______

Department Director ___________________________ Date ______

Procurement Management Use Only:

Signatures:

Procurement Contracting Officer ___________________________ Date 12/19/12

Procurement Manager ___________________________ Date 12/19/12

Division Director ___________________________ Date ______

Assistant Director ___________________________ Date ______

Director ___________________________ Date ______

Vendor Assistance Section ___________________________ Release Date ______

Revised 9/23/12
REQUISITION HEADER ENTRY

REQ ID : RQAV1300010  DOC TYPE: ER  DUE DATE: 12/18/2012  INTR TYPE: RQ
ACTION IND: P  REQ/JT : R  EFF DTE : 12/18/2012  WHSE :
DEPARTMENT: AV51  AVIATION DEPARTMENT
CONTACT : NEIVY GARCIA
TELEPHONE : 305 876-8482  EXT.: NOTE PAD: Y (Y/N)
REQUISITION TOTAL : 768,001.00
REQ NET TOTAL : 768,001.00
WORKORDER ID :
TRADE TYPE :
CONTRACT ID :
REQ TITLE : CROSSBEAM UPGRADE
RECOMMENDED VENDOR :
BLANKET PO ID/SCHED: /
BUYER ID : 821
DISTRIBUTION METHOD: S  CREDIT INDICATOR : N
SFX INDEX  SUBOBJ  USERCODE  PROJECT  PRJDTL GRANT  GRNRTDL  PERCENT
01 AVADPICS 43510

TERMS ATTACHED : N (Y/N)  SPLIT CAPABILITY : Y (Y/N)
QUOTES : N (Y/N)

F1-HELP  F2-SELECT  F3-DELETE  F4-PRIOR  F5-NEXT  F6-VIEW DOC
F7-ADDRESS  F8-OTHER KEY  F9-LINK  F10-SAVE  F11-VW ACCT  F12-OQUOTE

G112 - INQUIRY SUCCESSFUL
REQUISITION DOCUMENT INQUIRY

REQUISITION ID: RQAV1300010
DEPT: AV51
BUYER: 821
VENDOR: 

<table>
<thead>
<tr>
<th>LINE</th>
<th>QUANTITY</th>
<th>U/M</th>
<th>COMMODITY</th>
<th>REQUISITION TOTAL: 768,001.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>1.00</td>
<td>LO</td>
<td>205</td>
<td>COMPUTERS AND INFORMATION PROCESSING SYSTEMS: H</td>
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</tbody>
</table>

SPEC CROSSBEAM UPGRADE

SUMMARY ACCOUNTING INFORMATION

<table>
<thead>
<tr>
<th>INDEX</th>
<th>SUBOBJ</th>
<th>USER CODE</th>
<th>PROJECT</th>
<th>PROJ DTL</th>
<th>GRANT DTL</th>
<th>AMOUNT</th>
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<tbody>
<tr>
<td>AVADPICS</td>
<td>43510</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>768,001.00</td>
</tr>
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</table>

TOTAL 768,001.00
F4-PRIOR F5-NEXT F6-HEADER F12-PRINT

G657 - INQUIRY SUCCESSFUL, READY TO PROCESS NEXT REQUEST
Hi Vivian,

Please see the attached documents for an Emergency Purchase request for the Aviation Department. The vendor application is in the approval path. FEIN #043492144

Thanks,

Dakota Thompson, CPPE
Procurement Contracting Officer 1
Internal Services Department
111 NW 1st Street, Suite 1300
Miami, FL 33128
Ph: (305) 375-2356
Fax: (305) 375-5688

"Delivering Excellence Every Day"
DEPARTMENTAL INPUT

CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

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

- Contract
- Re-Bid
- Other

Requisition No./Project No.: RQAV1300010

- LIVING WAGE APPLIES: YES
- TERM OF CONTRACT YEAR(S) WITH YEAR(S) OTR

Requisition /Project Title: Crossbeam Upgrade

Description: The existing Crossbeam Networks Systems requires an upgrade to provide ongoing services for the Miami Dade Aviation Department.

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

Estimate Cost: $768,001
Funding Source: Proprietary

ANALYSIS

Commodity Codes: 205

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

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Comments:

Continued on another page (s): YES

RECOMMENDATIONS

SBE
Set-aside
Sub-contractor goal
Bid preference
Selection factor

Basis of recommendation:
- It is recommended that this project be approved as an Emergency

Signed: Dakota Thompson, CPPB
Date sent to SBD: December 20, 2012
Date returned to DPM:
Department of the Treasury
Internal Revenue Service
Ogden, UT 84201

FM GARRETT PAINTING & WATERPROOFING CORPORATION
18045 NW 20TH AVE
CAROL CITY FL 33056-3822 459

Taxpayer Identification Number: 20-4365519
Form(s): 385c ltr.

In reply refer to: 0457452200
Dec 12, 2012 LTR 385C
20-4365519

Dear Taxpayer:

This letter is in response to your telephone inquiry of December 12th, 2012.

We accept your election to be treated as an S corporation with an accounting period of December 31st, beginning January 1st, 2007. Please keep this letter in your permanent records as proof of acceptance of your election.

Note: If we examine your return, we will verify that this election is appropriate for your situation.

If you have any questions regarding this letter, please call Our customer Service Department at 1-800-829-0115 between the hours of 7:00 am to 7:00 pm. If you prefer, you may write to us at the address shown at the top of the first page of this letter. When you write, please include a telephone number where you may be reached and the best time to call.

Sincerely,

[Signature]

APPORCIUNCULA
0457452200
CONTACT REPRESENTATIVE
Fax Transmission
Cover Sheet

Date: 12/12/2012

To: FM GARRETT PAINTING & WATERPROOFING CORPORATION
Address: 305-624-6889

Fax Number:  
Office Phone: 

From: AFPOREIUNICULA - CONTACT REPRESENTATIVE
Address:  
Mail Stop: 

Fax Number:  
Office Phone: 1-800-829-0115

Number of pages: 3 Including cover sheet

Remarks: ein verification ltr.
385C gtr.

Visit the IRS homepage at www.irs.gov to obtain current information about the IRS and its service.

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FM GARRETT PAINTING & WATERPROOFING CORPORATION  
18045 NW 20TH AVE  
CAROL CITY  FL 33056-3822 459

Taxpayer Identification Number: 20-4365519  
Form(s): 147c ltr.

Dear Taxpayer:

This letter is in response to your telephone inquiry of December 12th, 2012.

Your Employer Identification Number (EIN) is 20-4365519. Please keep this number in your permanent records. You should enter your name and your EIN, exactly as shown above, on all business federal tax forms that require its use, and on any related correspondence documents.

If you have any questions regarding this letter, please call Our customer Service Department at 1-800-829-0115 between the hours of 7:00 am to 7:00 pm If you prefer, you may write to us at the address shown at the top of the first page of this letter. When you write, please include a telephone number where you may be reached and the best time to call.

Sincerely,

[Signature]

AFFORCIUNCULA  
0457452200  
CONTACT REPRESENTATIVE