



**3/5/2020**

## **TTI Presentation**

**City of Houston**

**Houston Airport System  
Information Technology Division  
Frederick McDowell,  
Assistant Director**

# **Aviation IT Professional Services**

# Aviation IT Professional Services

Vendors	<input type="checkbox"/> Multi-Vendor
Purpose:	<p>Council Action will:</p> <ul style="list-style-type: none"> <li>• Authorize 3 Year plus 2 One Year Options multi-vendor agreements for Aviation Professional IT Services for the City of Houston’s three major airports: George Bush Intercontinental Airport Houston (IAH), William P. Hobby Airport and Ellington Airport</li> <li>• Primary Services include on-call technology:               <ul style="list-style-type: none"> <li><input type="checkbox"/> Aviation Technology Planning &amp; Studies</li> <li><input type="checkbox"/> Aviation Application Development &amp; Hosting</li> <li><input type="checkbox"/> Design Services,</li> <li><input type="checkbox"/> Program/Project Management</li> <li><input type="checkbox"/> Next Generation Aviation Identity, Biometric &amp; Security Services</li> </ul> </li> </ul>
Procurement	<ul style="list-style-type: none"> <li>• RFQ  7 Respondents: Burns, GCR, Jacobs, Presidio, Prolim Global, Stellar Services &amp; Recruiting Source International</li> </ul>
Contract Amount	<input type="checkbox"/> \$10,500,00.00
Terms	<ul style="list-style-type: none"> <li>• 3 years   2 One-Year Options</li> </ul>
MWBE	<ul style="list-style-type: none"> <li>• 24% Minimum of the Value of Agreement</li> </ul>



# Aviation Professional Services | Overview

## Qualifications:

- ❑ 10 Years of Experience IT Planning and Project Management Services at top 50 airports as defined by Airport Council International (ACI) and greater than \$10 Million.
- ❑ 3 Firms w/30 Plus Years | **GCR, Burns & Jacobs Engineering**

## ❑ Key Components:

<b>Aviation Technology Planning &amp; Studies</b>	Innovation Labs   Strategy
<b>Application Development &amp; Hosting</b>	Data Management   Cloud
<b>Design Services</b>	System Requirements
<b>Program/Project Management</b>	Advance Project Portfolio
<b>Next Generation IT Security Services</b>	Enhance Security Posture



# Aviation Professional Services | Overview

- ❑ **Mission:** We exist to connect the people, businesses, cultures and economies of the world to Houston
- ❑ **Vision:** Establish Houston as a **five-star global** air service gateway where the magic of flight is celebrated
  - ❑ **Key Projects:**

Curb to Gate Passenger Processing	Safety Management System
Incident Management System	Distributed Antenna System (DAS) Enhancements
Employee Scheduling	Smart Restroom Mobile App
Data Warehouse, Business Intelligence for Data Driven Operations	Biometric Entry   Exit Self-Service Passenger Processing
5G Readiness Plan	Increase Cyber Security Posture
Ground Transportation Mgmt. System	Electronic Badging Replacement



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IAH



# Aviation IT Professional Services



- Initiatives
- Partnerships



- Methodology
- Testing



- DAS Compatibility
- Fiber to Edge
- Shared Infrastructure



- Internet of Things (IOT)

# Partnerships



Faith Group

PGA Engineers



VIRTUO GROUP



NFour  
Datalabs



BURNS & MCDONNELL



VESTA REA  
& Associates, L.L.C.



PERITUZA  
Custom Software



VIRTUO GROUP



Deloitte.



7<sup>TH</sup> ECHELON LLC



PERITUZA  
Custom Software

the JW group

AviDel Consulting, LLC



# Aviation IT Professional Services

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# Aviation IT Professional Services

GCR		
7th Echelon, LLC	MBE	IT Security Services
BKJ Global Management Consulting, LLC	WBE	Project Mgmt. Services
Cipher Business Solutions, LLC	MBE	Application Development
Sunland Group, Inc.	WBE	Program/Project Mgmt., Design Services
Recruiting Source International, LLC	M/WBE	
Burns		
AviDel Consulting, LLC	WBE	IT Processes, Credentialing, Business Analysis, Strategy
PGA Engineers, Inc.	M/WBE	Technology Systems Design
Vesta Rea & Associates, LLC	WBE	Project Mgmt. Support, Project Deliverable Review
Virtuo Group Corporation	M/WBE	Cybersecurity





# Aviation IT Professional Services



Jacobs		
Company	Certification	Scope
4b Technology	WBE	Tech planning, design services, program mgmt.
Ferguson Consulting, Inc.	WBE	Tech planning, design services, program mgmt..
7th Echelon, LLC	MBE	Application development & hosting, IT Security
Tessellations, Inc.	MBE	Application development & hosting
Perituza Software Solutions, LLC	MBE	Application development & hosting, IT Security
Bradlink, LLC	WBE	Program/Project Mgmt.
Bennett Management Solutions, LLC	MBE	Program/Project Mgmt.



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