

# *KEEPING HOUSTON AIRPORTS OPENING DAY FRESH*

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Assistant Director – Asset Engineering  
June 9, 2016



# *VISION AND MISSION STATEMENT*

**MISSION:** WE EXIST TO CONNECT 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.





# *ABOUT HOUSTON AIRPORT SYSTEM*

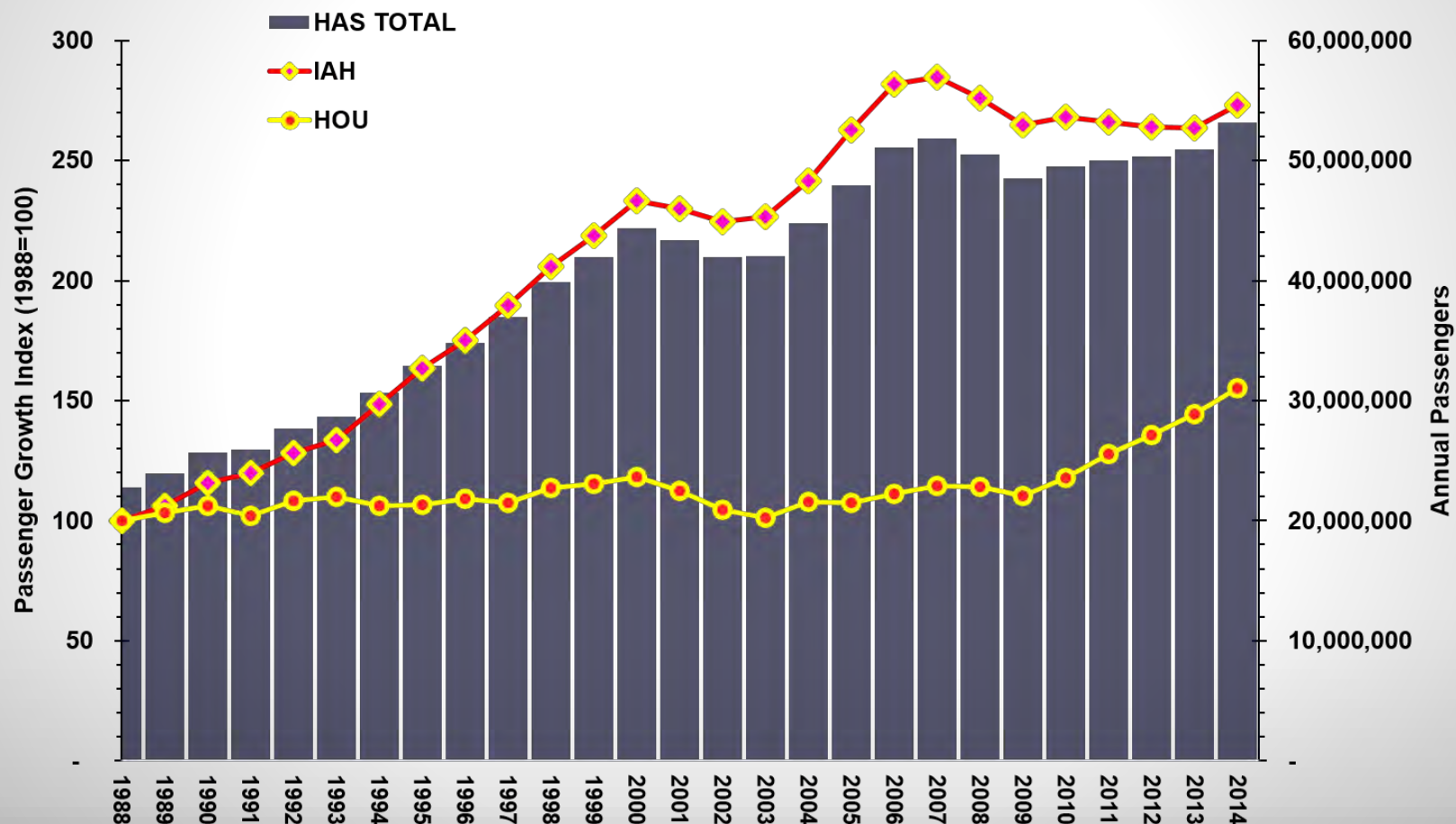
# ABOUT HOUSTON AIRPORTS

- **George Bush Intercontinental Airport (IAH)** – the largest airport ,43 million passengers annually
- **William P. Hobby Airport (HOU)** –12 million passengers annually, with international flights Oct 2015
- **Ellington Airport (EFD)** – GA/Military *potential* spaceport site



# ABOUT HOUSTON AIRPORTS

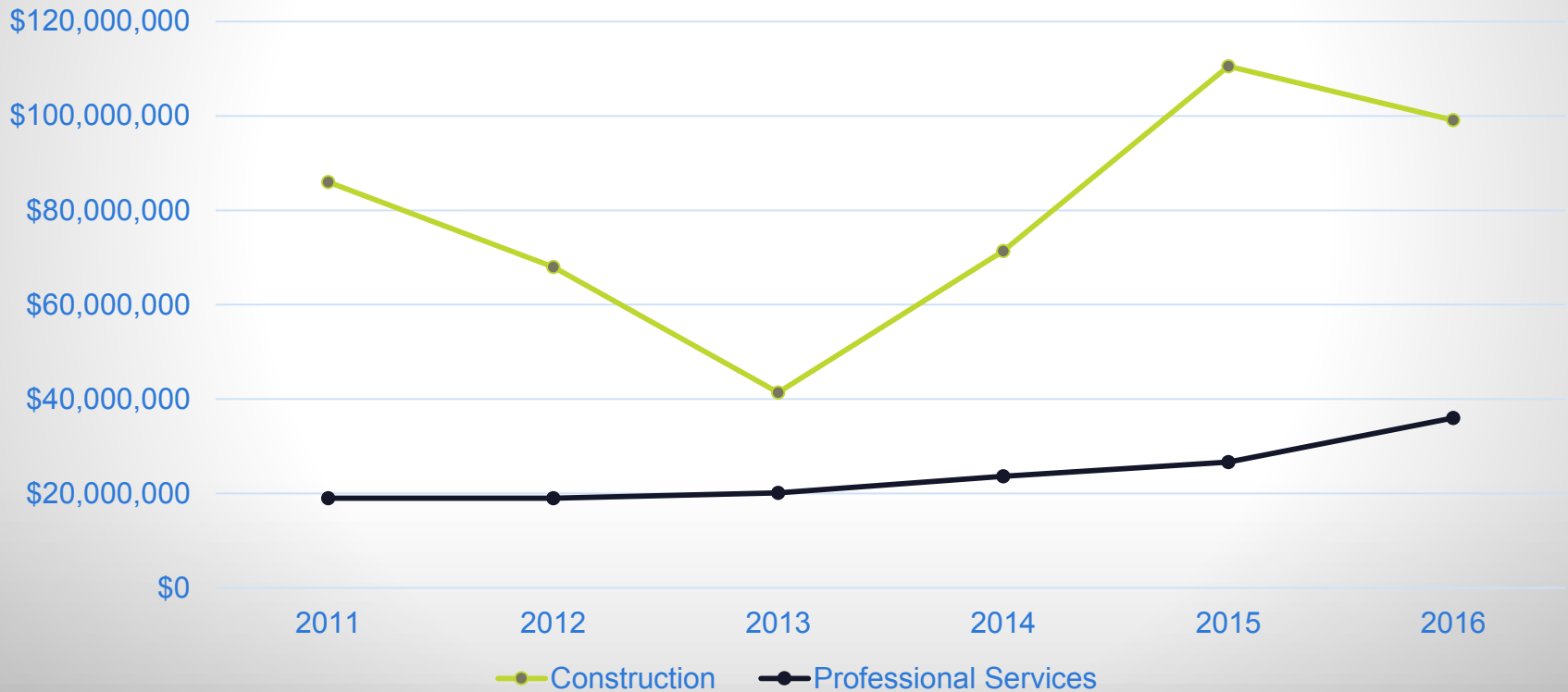
PASSENGER GROWTH: 1988 TO 2014



# INFRASTRUCTURE

## INFRASTRUCTURE - PROJECT SPENDING

### Annual Project Invoicing





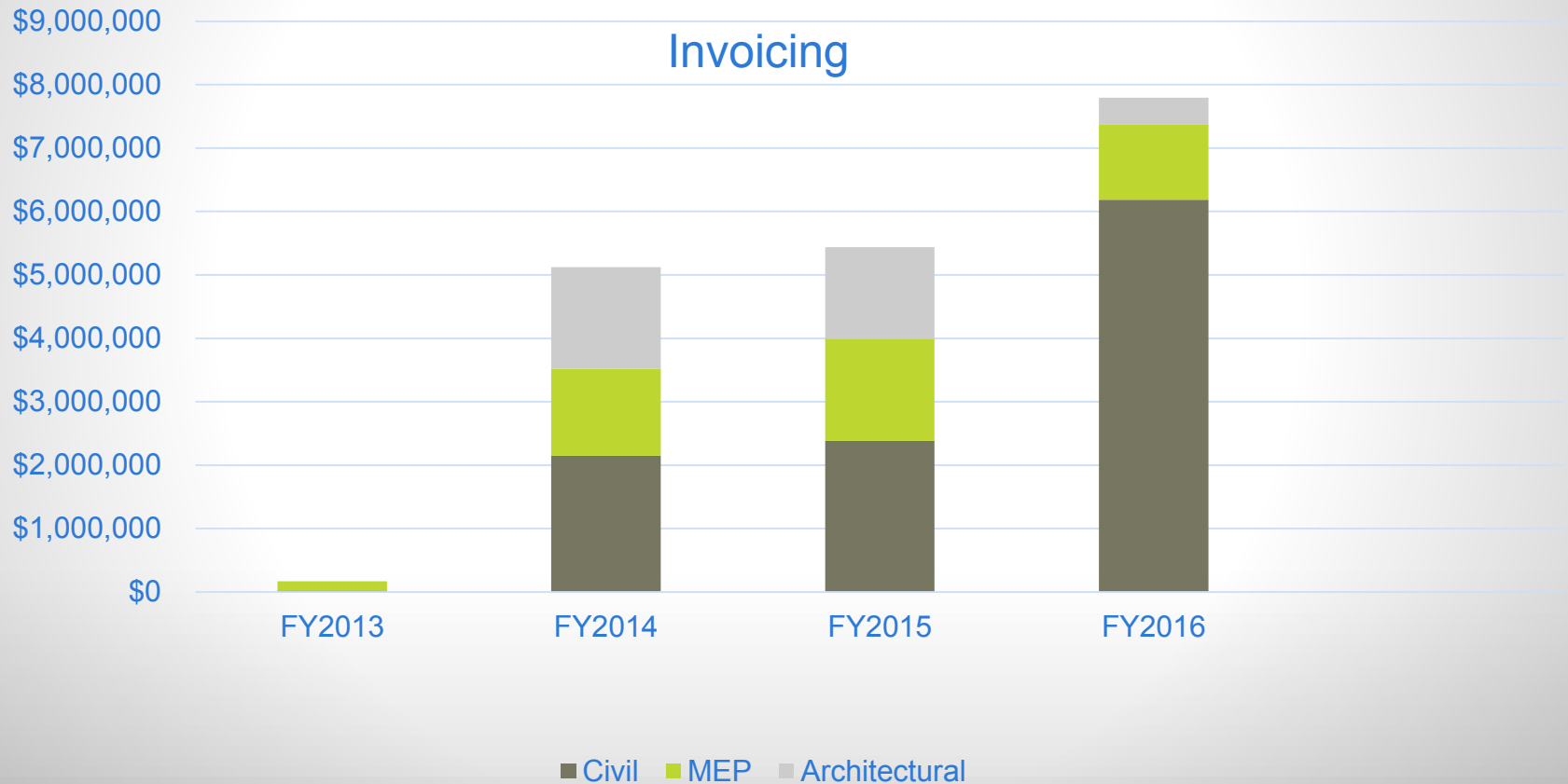
# INFRASTRUCTURE

## DESIGN ON CALL CONTRACTS - OVERVIEW

- 3 Contracts with 5-year duration:
  - Civil – RS&H
  - Architectural – PGAL
  - MEP - Jacobs
- Origination date: 9/19/2012
- Total Contract to date: \$30,600,000
  - Original Appropriation: \$6,000,000
  - Additional Appropriation on 12/18/2013 for \$6,600,000
  - Additional Appropriation on 12/1/2014 for \$18,000,000
- Proposed additional appropriation for \$12,650,000 in June 2016
- Total proposed contract is \$43,250,000
- Expiration date 9/26/2017

# INFRASTRUCTURE

## DESIGN ON-CALL CONTRACTS ANNUAL EXPENDITURES

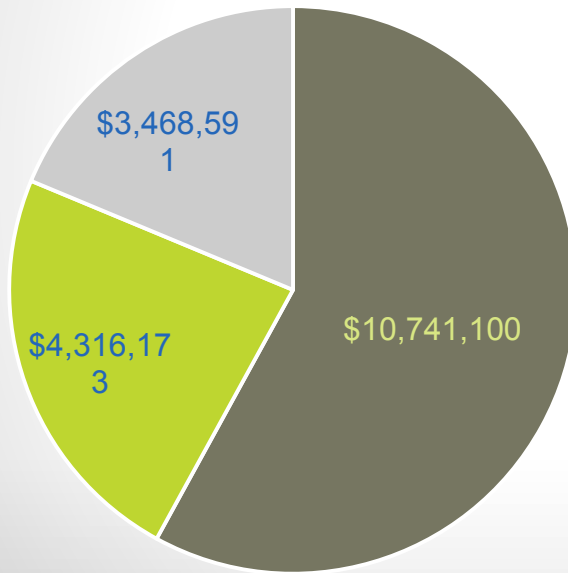




# INFRASTRUCTURE

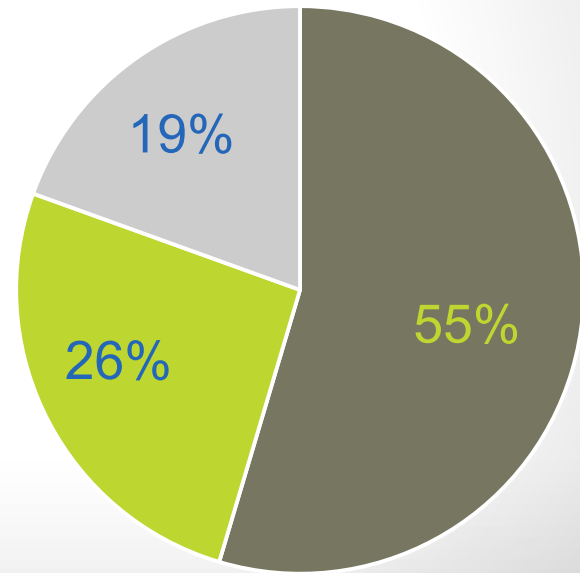
## DESIGN ON-CALL - TOTAL EXPENDITURES

Billed to Date \$18,525,866



■ Civil ■ MEP ■ Architectural

Total LOAs \$26,814,412



■ Civil ■ MEP ■ Architectural



# 2016 *INFRASTRUCTURE* *RFQs*

INFRASTRUCTURE: \$110,000,000

# 2016 *INFRASTRUCTURE* RFQs

## OVERVIEW

- Infrastructure
  - Architectural/Engineering Design On-Call Services
- IAH
  - Multi-Use Airport Resource Center (MARC) - Design/Build
  - Vehicle / Fleet Maintenance Facility - Design/Build
  - Taxiway SA & SB Rehabilitation - Design
  - Landside Roadway Repairs - CMAR
  - Sanitary Sewer Improvements - CMAR

# 2016 *INFRASTRUCTURE RFQs*

## OVERVIEW

- HOU
  - Taxiways D & E Reconfiguration - Design
- EFD
  - Spaceport Incubator Building – Design Build
  - Spaceport Phase 1 Infrastructure – Design Build

# 2016 *INFRASTRUCTURE* RFQs

## ARCHITECTURAL/ENGINEERING DESIGN ON-CALL SERVICES

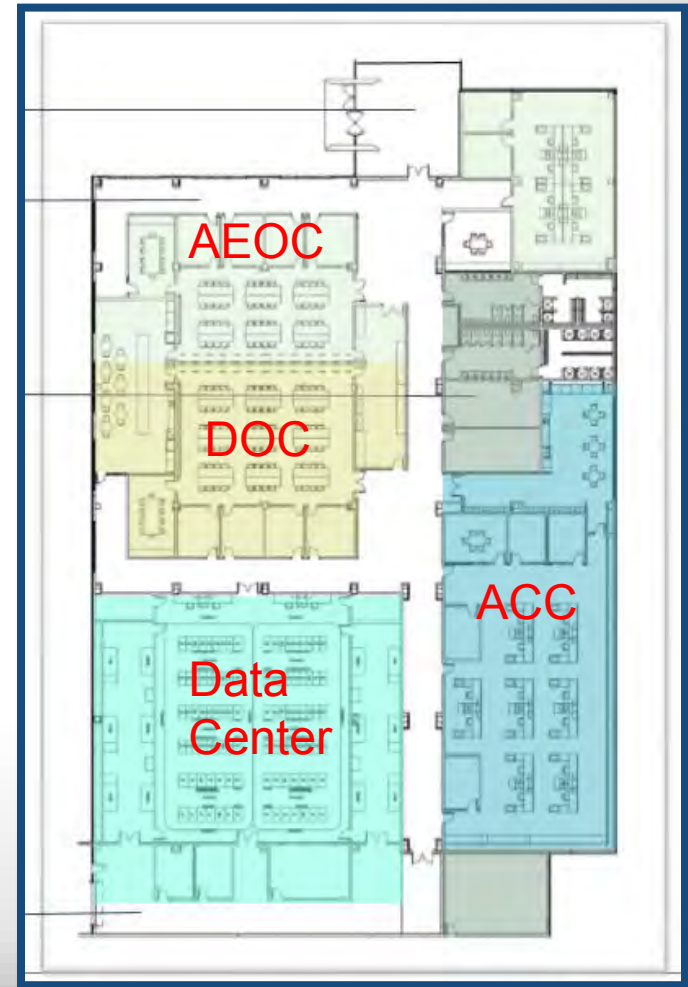
- Five (5)-year contract
- Anticipated projects include:
  - Fuel Farm Expansion
  - Signage Improvements
  - BHS Enhancements
  - Central Utility Plant (CUP) Upgrades
  - Parking Garage Rehabilitation
  - Automated People Mover (APM) Rehabilitation
  - Drainage Improvements
  - Electrical Distribution System Upgrades
  - Terminal Restroom Remodel
  - Airfield Pavement Rehabilitation
  - Landside Roadway Improvements
  - Parking Development & Improvements

**RFQ anticipated to advertise in November 2016**

# 2016 *INFRASTRUCTURE* RFQs

## IAH – MULTI-USE AIRPORT RESOURCE CENTER (MARC)

- Airport Emergency Operations Center (AEOC)
- Division Operations Center (DOC)
- Airport Communications Center (ACC)
- Data Center (Tier 3-ish)
- IT Division Office
- Design / Build
- Approximately \$30,000,000
- RFQ anticipate October 2016





# 2016 *INFRASTRUCTURE* RFQs

## IAH – VEHICLE / FLEET MAINTENANCE FACILITY

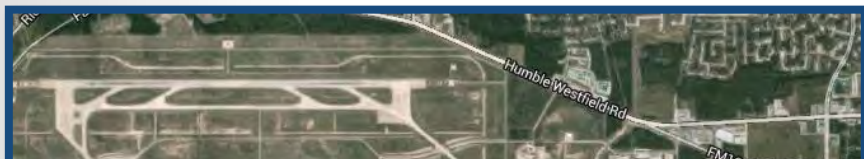
- 24,000-SF Facility
- Design/Build
- Approx. \$8,500,000
- RFP anticipated Sept. 2016



# 2016 *INFRASTRUCTURE* RFQs

## IAH – TAXIWAY SA & SB REHABILITATION

- Reconstruction of asphalt taxiways
- \$40,000,000 AIP Entitlement Program
- RFQ anticipated September 2016
- Bids in hand by May 2017

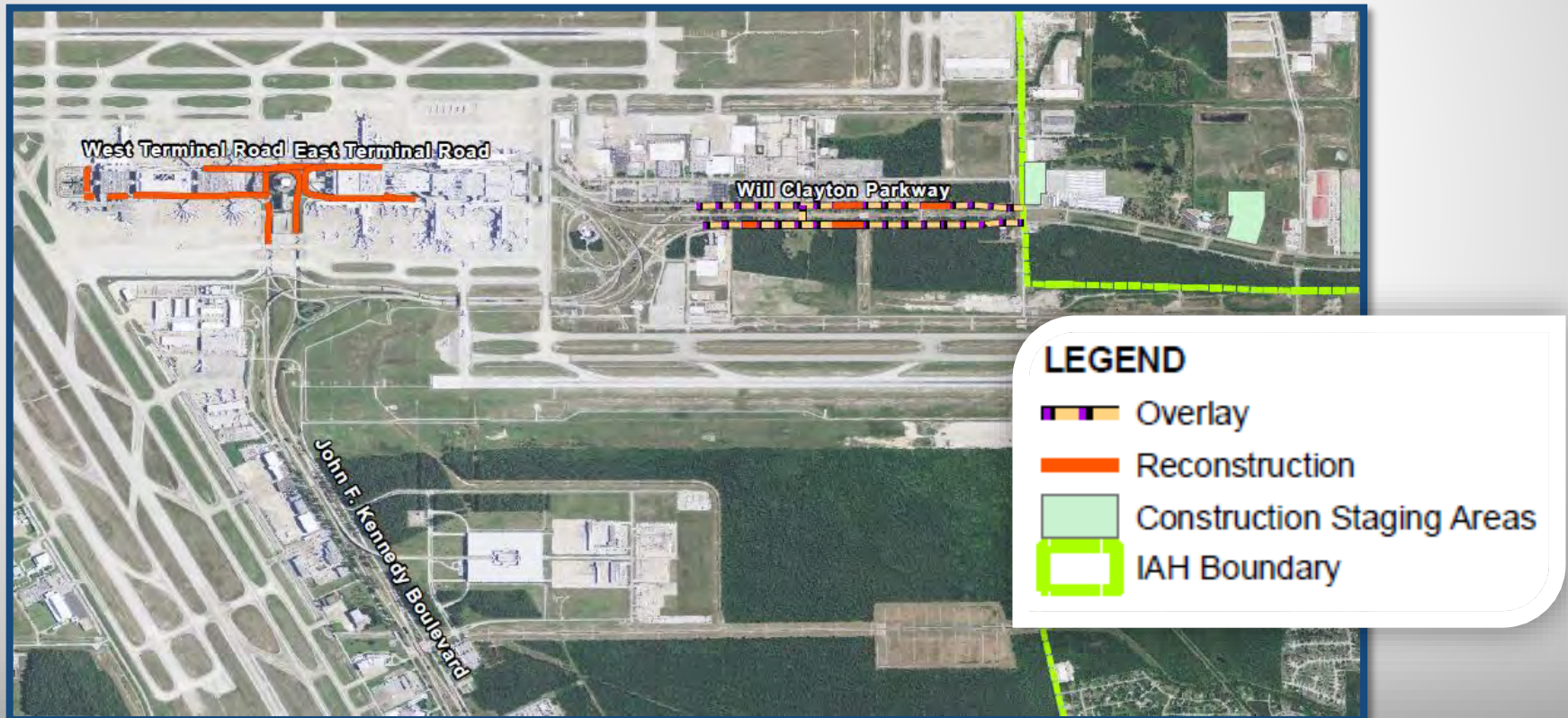




# 2016 *INFRASTRUCTURE* RFQs

## IAH – LANDSIDE ROADWAY REPAIRS

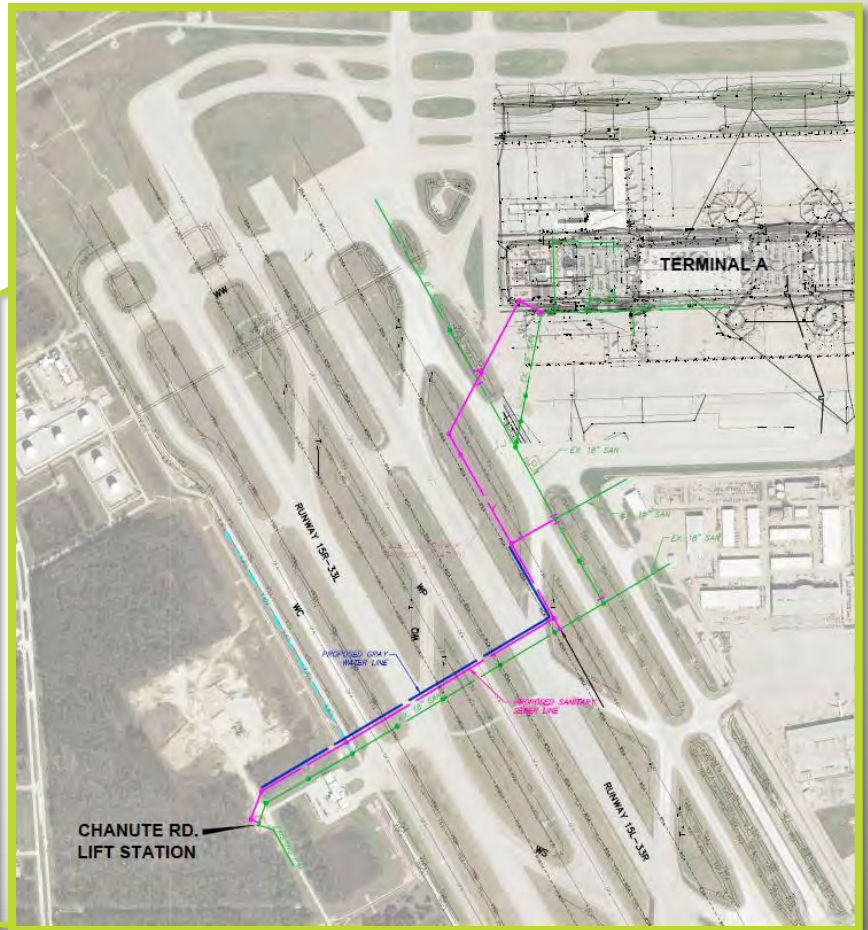
- RFQ for CMAR
- Approx. \$14,000,000
- RFP anticipated July 2016



# 2016 *INFRASTRUCTURE* RFQs

## IAH – SANITARY SEWER IMPROVEMENTS

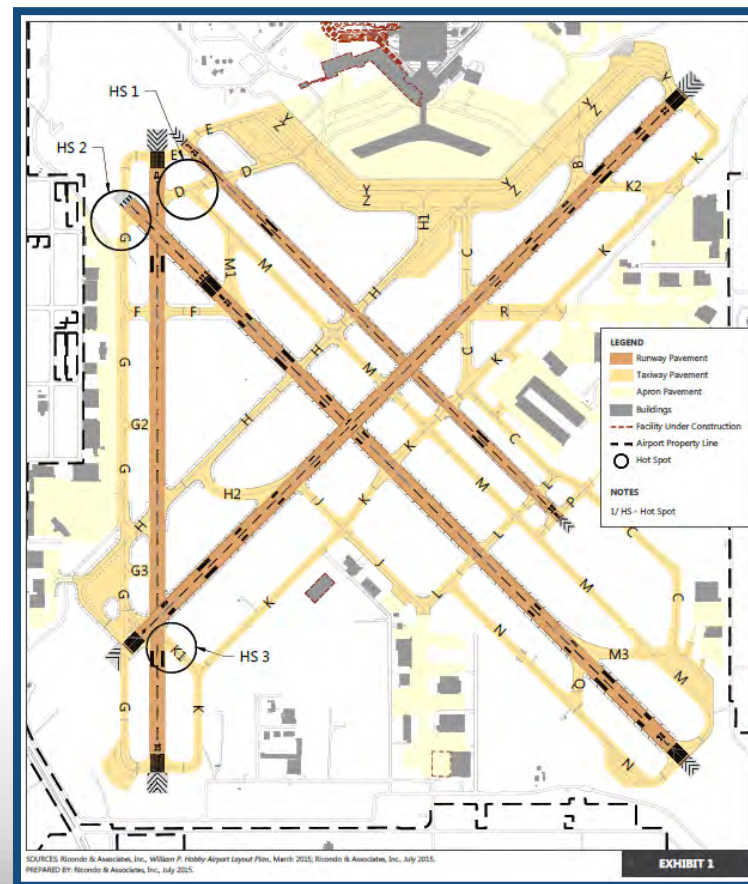
- CMAR for rehabilitation of sanitary sewer mains.
- Estimate is \$9,000,000
- RFQ anticipated Sept. 2016.





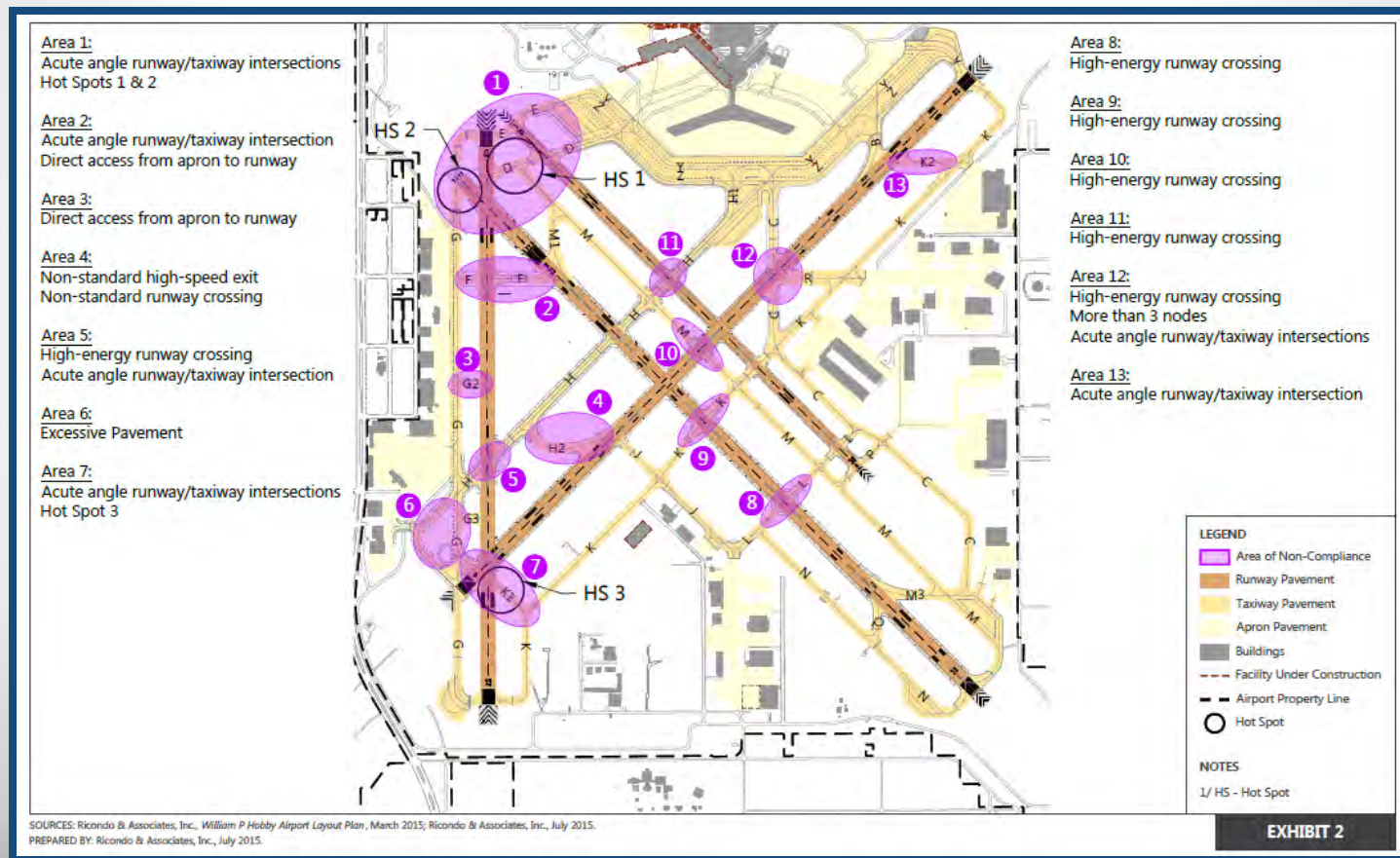
# 2016 *INFRASTRUCTURE* RFQs

WILLIAM P. HOBBY AIRPORT



# 2016 INFRASTRUCTURE RFQs

HOU - HOT SPOTS - DRAFT

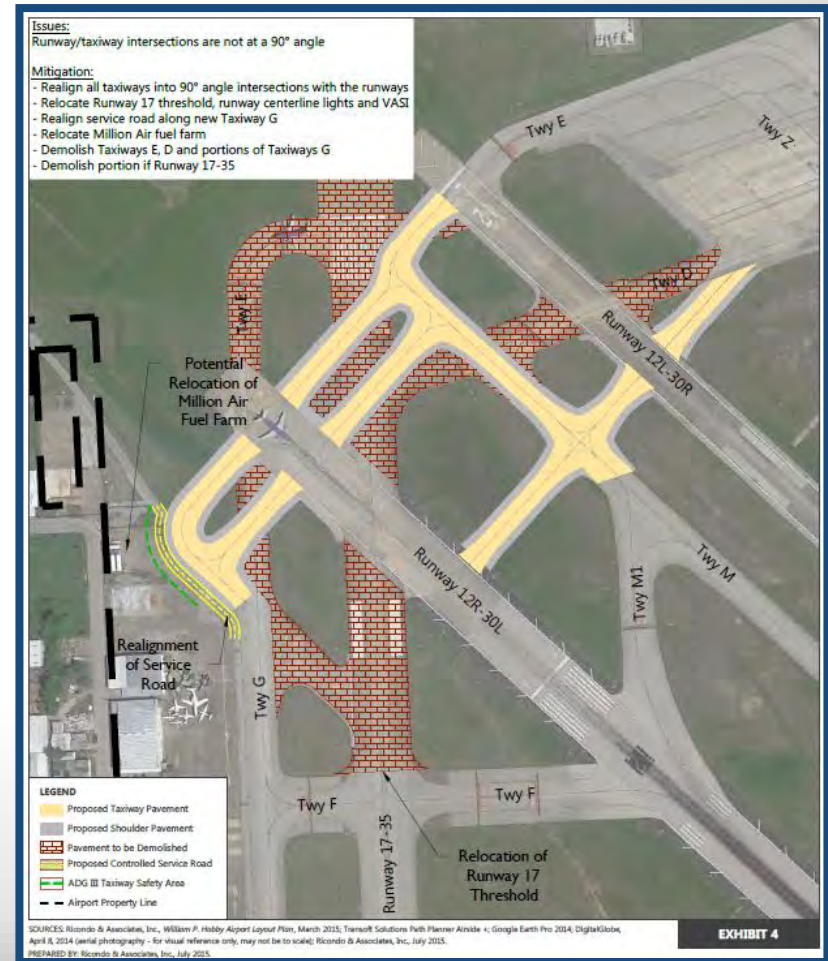




# 2016 *INFRASTRUCTURE* RFQs

## HOU - TAXIWAY D & E RECONSTRUCTION

- Demolish and reconstruct taxiways to FAA standards.
- Program Estimate: \$27,000,000
- RFQ for design services going to advertise in December 2016
- Bids in hand by May 2018



# 2016 *INFRASTRUCTURE* RFQs

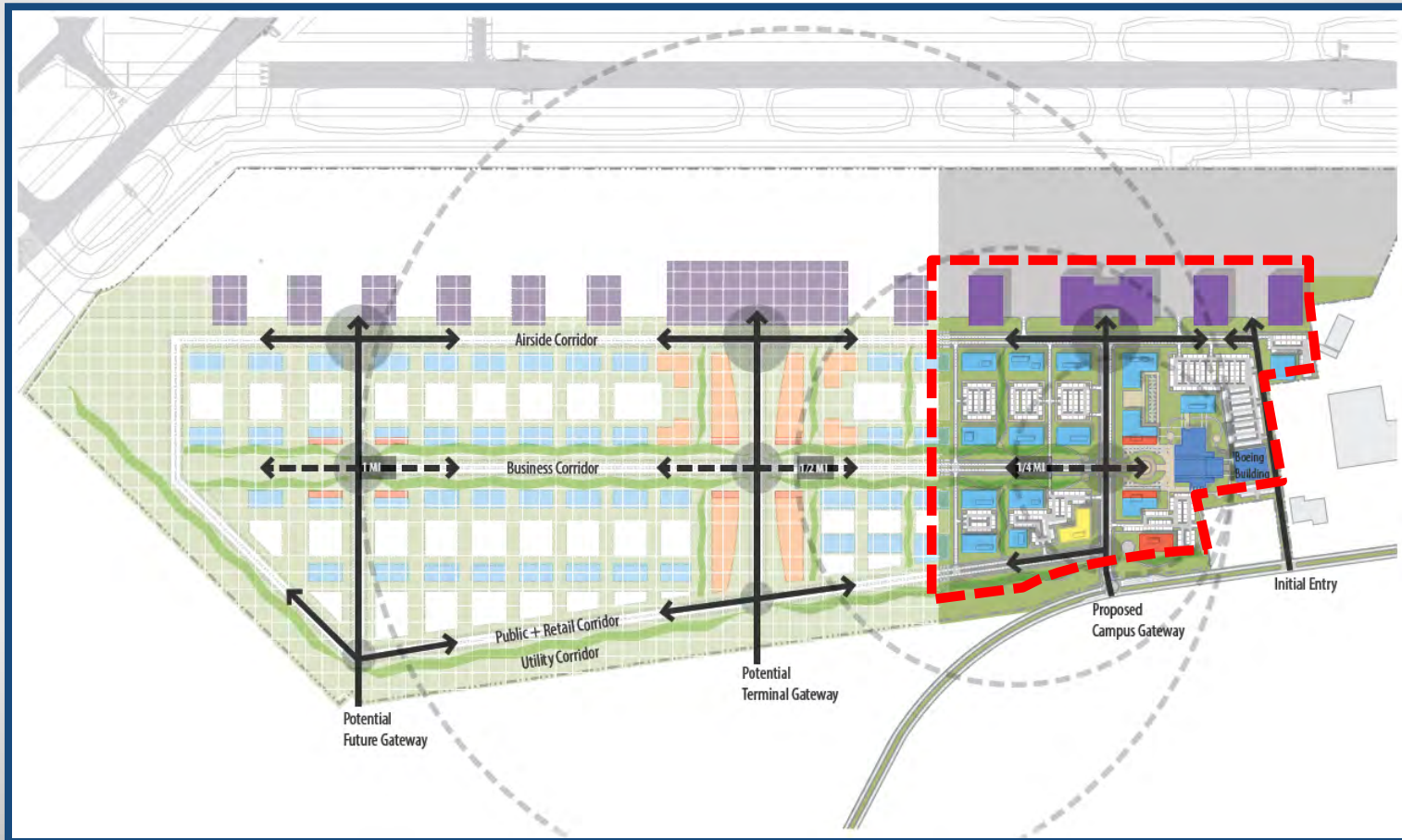
EFD – SPACEPORT DEVELOPMENT





# 2016 *INFRASTRUCTURE* RFQs

EFD – SPACEPORT PHASE 1



# 2016 *INFRASTRUCTURE* RFQs

## EFD – SPACEPORT PHASE 1 - INFRASTRUCTURE

### Incubator Building

- RFQ for Design/Build to go out in December 2016
- Estimated value is \$20,000,000

### Phase 1 Infrastructure

- RFQ for Design/Build to go out in December 2016
- Estimated value is \$12,000,000





# 2016 *INFRASTRUCTURE* RFQs

EFD – SPACEPORT PHASE 1 – WEST VIEW

Phase I  
Incubator  
Building

Boeing  
Building





# 2016 *CONSTRUCTION* FORECAST

INFRASTRUCTURE: \$228,150,000



# CONSTRUCTION FORECAST

## 0 TO 3 MONTH PROCUREMENT FORECAST - INFRASTRUCTURE

Identifier	Title	Estimated Value	Release Date
EFD PN629	Control Tower Replacement	9,600,000	May-16
IAH PN565	Landside Roadway Rehabilitation	13,800,000	Jul-16
IAH PN749	Terminal A & B Up Ramps and Approach Slab Reconstruction	1,600,000	Jul-16
EFD PN733	T-Hangar Pavement, Twy D/Rwy 4-22	3,000,000	Jun-16
IAH PN460C	Airfield Pavements Rehabilitation	4,500,000	Aug-16
IAH PN675	Taxiway NA	54,000,000	Jun-16
IAH PN721	Cell Phone Lot	4,000,000	Aug-16
IAH PN737	Terminal B Core Electrical Upgrades	21,000,000	Aug-16
HOU PN703	Curbside Drop Off Canopy	4,000,000	Jun-16

# CONSTRUCTION FORECAST

## 3 TO 6 MONTH PROCUREMENT FORECAST - INFRASTRUCTURE

Identifier	Title	Estimated Value	Release Date
IAH PN746	IAH Tower Demolition	4,500,000	Sep-16
IAH PN740	Design/Build for Vehicle / Fleet Maintenance Facility	6,000,000	Sep-16
IAH PN736	Design/Build for Multi-Use Airport Resource Center (MARC)	30,000,000	Oct-16
IAH O&M	D/E Garage Structural Repairs	150,000	Oct-16
IAH PN 646	Design - Taxiway SA & SB Rehabilitation	2,000,000	Sep-16
IAH PN699	Sanitary Sewer Improvements	\$9,000,000	Sep-16
IAH PN686	Storm Water Pollution Control System -Environmental Stations	\$6,000,000	Nov-16

# CONSTRUCTION FORECAST

## 6 TO 9 MONTH PROCUREMENT FORECAST - INFRASTRUCTURE

Identifier	Title	Estimated Value	Release Date
IAH PN741	Terminal A North & South Restroom Remodel	6,000,000	Dec-16
HOU PN770	Taxiway D & E Rehabilitation	20,000,000	Dec-16
EFD	Spaceport Incubator Building	20,000,000	Dec-16
EFD	Spaceport Phase 1 Infrastructure	12,000,000	Dec-16

# CONSTRUCTION FORECAST

9 TO 12 MONTH PROCUREMENT FORECAST - INFRASTRUCTURE

Identifier	<input type="button" value="▼"/> Title	<input type="button" value="▼"/> Estimated Value	<input type="button" value="▼"/> Release Date <input type="button" value="▼"/>
None	None		- N/A

# CONSTRUCTION FORECAST

## 2016 CONSTRUCTION PROCUREMENTS – ITRP DRAFT

### ITRP-Related Opportunities

Industry Day Outreach Event

### Previous Opportunities

OCIP

DB - PMO

AE - MLIT

CMAR - MLIT

DB - East Aircraft Hardstands(EAH)

DB - Landside Enabling Utilities (LEU)

### New Opportunities

AE - FIS

CMAR - FIS

On-Call Capital Design

On-Call Planning Services

Indefinite Delivery of Construction Services

Program Management Support Services

DBFOM - IAH Energy Infrastructure

AE - Terminal C West Garage

CMAR - Terminal C West Garage

DBFOM - IAH Water Re-Use

AE - MLIT Airfield


CMAR - MLIT Airfield

# CONSTRUCTION FORECAST

## 2016 CONSTRUCTION PROCUREMENTS – ITRP CURRENT RFQS

- MLIT CMAR Services
  - Advertised on April 22, 2016
  - Proposals are due 6/10/2016 @ 10:00 AM
  - Contact Andre Morrow – [andre.morrow@houstontx.gov](mailto:andre.morrow@houstontx.gov)
- East Aircraft Parking Hardstand Design/Build
  - Advertised on April 22, 2016
  - Proposals are due 6/10/2016 @ 10:00 AM
  - Contact Al Oracion – [alfredo.oracion@houstontx.gov](mailto:alfredo.oracion@houstontx.gov)





# *HOW TO DO BUSINESS WITH HOUSTON AIRPORT SYSTEM*

GEORGE BUSH  
INTERCONTINENTAL

# HOW TO DO BUSINESS WITH HOUSTON AIRPORT SYSTEM

[HTTP://FLY2HOUSTON.COM](http://fly2houston.com)



# HOW TO DO BUSINESS WITH HOUSTON AIRPORT SYSTEM

WWW.HOUSTONAIRPORTS.BIZ/BUSINESSWELCOME

 **fly2houston** | Ellington Airport

[Doing Business](#) | [About HAS](#)

### Contracting Overview

- [Doing Business with HAS](#)
- [Doing Business with City of Houston](#)
- [Where to Obtain RFQs & Bids](#)
- [Contracting Forms](#)
- [Building Standards Group](#)
- [ID Badging Office](#)



### HAS CONCESSIONS OPPORTUNITIES

### Capital Projects Program

- [Program Overview](#)
- [Current Projects](#)
- [Upcoming Projects](#)
- [Airport Master Plans](#)
- [Job Order Contract](#)

### Equal Opportunity Programs

- [HAS Office of Business Opportunity](#)
- [COH Office of Business Opportunity](#)

### Current Contracting Opportunities



- [RFP](#)
- [RFQ](#)
- [Construction Bids](#)
- [Professional Services](#)
- [Goods & Services Bids](#)
- [Job Order Contract](#)
- [Concessions](#)

### Commercial Development

- [Concessions Opportunities](#)
- [Tenant Improvement](#)
- [Air Service Development](#)
- [Property Development](#)
- [Economic Development](#)
- [Shared Tenant Services](#)
- [Advertising at the Airports](#)



# HOW TO DO BUSINESS WITH HOUSTON AIRPORT SYSTEM

HTTP://WWW.HOUSTONAIRPORTS.BIZ/CONTRACTINGOPPORTUNITIES

 **fly2houston** | Intercontinental Airport

Doing Business | About HAS

Contracting Overview

Equal Opportunity Program

Capital Projects Program

Commercial Development

Current Contracting Opportunities

ID Bidding Office

International Terminal Redevelopment Project

Commercial Vehicle Permits

### Contracting Opportunities (RFPs, RFQs)

Type:  Category:  Start: Jan 1 2013  
Status:  Location:  End: Jan 1 2017

#### Contracts

Project Name	Type	Category	Location	Date Due	Status
<a href="#">IT Communication Cabling Installation Services - HWC ITC 2016 016</a>	Bid	Professional Services	HAS	4/14/2016 10:30 AM	Under Review
<a href="#">Employee Scheduling Software - HBH ESS 2016 024</a>	RFI	Professional Services	HAS	3/03/2016 2:00 PM	Under Review
<a href="#">Operations/Maintenance/Capital Job Order Contract - HAM OMCJOC 2016 030</a>	RFP	Operations & Maintenance	HAS	2/17/2016 3:00 PM	Under Review
<a href="#">Common/Shared Passenger Processing System - HGH CUS 2016 014</a>	RFP	Professional Services	HAS	4/07/2016 3:00 PM	Under Review
<a href="#">Owner-Controlled Insurance Program - HBH-OCIP-2016-026</a>	RFP	Professional Services	IAH	4/12/2016 2:00 PM	Under Review
<a href="#">Parking Count and Guidance System - H08 PCGS 2016 009</a>	RFQ	Design Build	IAH	10/27/2015 2:00 PM	Under Review
<a href="#">Mickey Leland International Terminal (MLIT) Architect Engineer (A/E) - H37 MLIT 2016 027</a>	RFQ	Planning	IAH	4/29/2016 10:00 AM	Under Review
<a href="#">East Aircraft Parking Hardstand - H27 EAPHDB 2016 032</a>	RFQ	Design Build	IAH	6/10/2016 10:00 AM	Open
<a href="#">Mickey Leland International Terminal CMAR - H37 MLITCMAR 2016 033</a>	RFQ	CMAR	IAH	6/10/2016 10:00 AM	Open
<a href="#">Subway Train System Operations and Maintenance Services - HWC ITT 2016 019</a>	Bid	Professional Services	IAH	5/26/2016 10:30 AM	Under Review
<a href="#">Program Management Office Building - H27 PMODB 2016 020</a>	RFQ	Design Build	IAH	4/29/2016 10:00 AM	Under Review
<a href="#">Parking Management and Operations Services - S36 T25699</a>	RFP	Professional Services	IAH, HOU	7/28/2016 10:30 AM	Open
<a href="#">IAH Gas Station/Convenience Store - HGH IAHGSCS 2016 013R</a>	RFP	Concession Services	IAH	7/14/2016 2:00 PM	Open

# HOW TO DO BUSINESS WITH HOUSTON AIRPORT SYSTEM

## UPCOMING EVENTS

EVENT	DATE	LOCATION
ASCE International Conference on Transportation & Development 2016	June 26 <sup>th</sup> -29 <sup>th</sup> , 2016	Omni Houston Galleria Hotel

An aerial, grayscale photograph of the Houston airport terminal and surrounding runways. The terminal is a large, modern building with a distinctive roof structure. Runways and taxiways are visible, along with some parked aircraft. The text "THANK YOU" is overlaid in the center.

*THANK YOU*

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**fly<sup>2</sup>houston.com**