

CITY OF EL PASO, TEXAS  
REQUEST FOR COUNCIL ACTION (RCA)

DEPARTMENT: Engineering  
AGENDA DATE: August 15, 2006

CONTACT PERSON/PHONE: Rick Conner, City Engineer (X4423)  
DISTRICT (S) AFFECTED: 2  
PROJECT NAME / SOLICITATION NO. Reconstruction of Taxiway "G" & "H" and FBO Apron Extension, Solicitation No. 2006-161

**SUBJECT:**

Discussion and action on the award of the Reconstruction of Taxiway "H" & "G" and FBO Apron Extension (Solicitation No. 2006-161) to J. A. R. Concrete, Inc., of El Paso, Texas for an estimated total amount of \$1,934,790.00. The Engineering and Airport Departments request this project's approval. The funding source will be an FAA Grant.

**BACKGROUND / DISCUSSION:**

The Engineering and Airport Departments recommend the award of contract no. 2006-161, Reconstruction of Taxiway "H" & "G" and FBO (Fixed Base Operator) Apron Extension, to the lowest bidder, J. A. R. Concrete, Inc. who is also the low responsible, responsive bidder. This unit priced contract is for an estimated total amount of \$1,934,790.00.

**PRIOR COUNCIL ACTION:**

N/A

**AMOUNT AND SOURCE OF FUNDING:**

This project is funded by an FAA Grant in Project-G620AIP0022, Fund-11511, DeptID-62620031, and Account-508027.

**BOARD / COMMISSION ACTION:**

N/A

\*\*\*\*\*REQUIRED AUTHORIZATION\*\*\*\*\*

**LEGAL:** (if required) \_\_\_\_\_ **FINANCE:** (if required) \_\_\_\_\_

**DEPARTMENT HEAD:** \_\_\_\_\_

(Example: if RCA is initiated by Financial Services, client department should sign also)  
*Information copy to appropriate Deputy City Manager*

**APPROVED FOR AGENDA:** \_\_\_\_\_

**CITY MANAGER:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

POSTING LANGUAGE

(Please place the following item on the **REGULAR** agenda for the Council Meeting of AUGUST 15, 2006)

Discussion and action on the award of Solicitation No. 2006-161 for the Reconstruction of Taxiway "H" & "G" and FBO Apron Expansion to J.A.R. Concrete, Inc., of El Paso, Texas for an estimated total amount of \$1,934,790.00.

Departments:                      Engineering and Aviation  
Award to:                            J.A.R. Concrete, Inc.  
   El Paso, Texas  
Items:                                 Base Bid I  
Total Estimated Award:         \$1,934,790.00  
Account No:                         62620031-G620AIP0022-11511-508027  
Funding Source:                    FAA Airport Improvement Program  
Estimated Completion Date:    December 2006  
District:                              2

Work under this unit price contract is only an estimated value and will be ordered, performed, invoiced, and paid by measured quantity. The actual cost of this contract will be the sum total of unit prices at the end of the contract term.

As part of the award of this contract, the City Engineer may, without further authorization from City Council, approve contract changes which are necessary for proper construction of the work and carrying out the intent of the design, which are in accordance with applicable law and which do not make changes to the unit price and which are within the appropriate budget.

This is a low bid, unit-price contract. The Departments of Aviation and Financial Services recommend award as indicated to the lowest responsive, responsible bidders.

Contact Person: Rick Conner, City Engineer – 541-4423

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# RECOMMENDATION



## ENGINEERING DEPARTMENT

*Excellence through Teamwork*

memorandum

TO: Rick Talamo  
Capital Projects Manager

FROM: Javier Reyes, P.E.  
Engineering Program Manager 

DATE: July 27, 2006

SUBJECT: Recommendation for Taxiway G & H and FBO Apron Expansion

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We have reviewed the bid tabulations for subject project and recommend that J.A.R. Concrete, Inc. be awarded the construction contract as follows:

Base Bid I	\$1,934,790.00
Total Award	\$1,934,790.00

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# RECOMMENDATION

July 25, 2006

Mr. Roberto Bustamante  
Project Compliance Specialist  
Two Civic Center Plaza  
El Paso, Texas 79901-1196

Re: EPIA "Reconstruction of Taxiway G & H and FBO Apron Expansion" (Bid No:  
2006-161)

Dear Mr. Bustamante:

Kimley-Horn and Associates, Inc. has reviewed the bid proposals received for the above referenced project. There were four (4) bids received that were provided to us. From these bids, Kimley-Horn and Associates, Inc. determined that J.A.R. Concrete, Inc. was the apparent low bidder for this project. After discussions with City and airport staff it is our recommendation that the Reconstruction of Taxiway G & H and FBO Apron Expansion be awarded to J.A.R. Concrete, Inc.

The recommended award amount is as follows :

Sum Total Base Bid 1	\$ 1,934,790.00
Total	\$ 1,934,790.00

Please review the recommendation for award for concurrence with the Federal Aviation Administration. Should you have questions, or need further information, please don't hesitate to call me at (602) 944-5500.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Michael A. Norby, P.E.  
Project Engineer/Manager

Copy:  
File 091348010  
Reading File

# RECOMMENDATION

## Memorandum

TO: Rick Connor  
City Engineer

FROM: Patrick T. Abeln, A.A.E.  
Director of Aviation

DATE: July 27, 2006

SUBJECT: Reconstruction of Taxiway G & H and FBO Apron Expansion  
Bid No. 2006-161

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The Department of Aviation has reviewed and analyzed the tabulation of bids on the above-referenced project, and recommends that the apparent lowest responsive, responsible bidder, J.A.R. Concrete, Inc., be awarded the contract as follows:

<u>Base Bid I</u>	\$1,934,790.00
Total Award	\$1,934,790.00

If you should have questions, please do not hesitate to contact Monica Lombrana at 780-4793.

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## SCOPE OF WORK

### Reconstruction of Taxiway "H" & "G" and FBO Apron Extension, Solicitation No. 2006-161

#### PROJECT DESCRIPTION

This project consists of construction work at El Paso International Airport, El Paso, Texas. The intent of the contract is to provide for construction and completion, in every detail, of the work described. It is further intended that the Contractor furnish all labor, materials, equipment, tools, transportation, and supplies required to complete the work in accordance with the plans, specifications and terms of the contract.

The project includes, but not limited to, the following items of work:

#### BASE BID

- Partial or full depth milling for approximately 32,650 square yards of asphalt concrete pavement.
- Approximately 32,300 cubic yards of unclassified excavation for Taxiways and Apron construction.
- Approximately 7,110 cubic yards of crushed aggregate base course.
- Approximately 19,250 tons of bituminous surface course with tack coat applied
- Paint marking and paint removal.
- Drainage inlet modifications.

#### SEQUENCE OF CONSTRUCTION

The following scheduling requirements are being provided to serve as supplemental information in preparation of the bid, as well as the sequencing of construction. Construction phasing plans are included in the construction drawings. It is not the intent of these Special Provisions or the construction plan to dictate to the Contractor his/her means and methods for the construction of this project. The Contractor shall review these provisions and the construction plans and submit his work plan and sequence of construction to the Engineer five (5) days after the Notice to Proceed for approval prior to construction.

All construction including but not limited to earthwork, pavement removal, paving and marking and their components shall be completed in 84 calendar days.

Taxiway Construction It is the intention of the plans and specifications that the Contractor will be allowed to work during normal daytime hours. The Contractor shall notify Airport Operations of the phase and timing of the construction operation so the Airport can issue the required NOTAM's when necessary. The Contractor shall be advised that the work to be done is on an active taxiway and apron. Operational delays created by jet-blast shall be expected while taxiing aircraft are in the area. The Contractor shall not interrupt the operations of the airlines at the airport in accordance with the phasing plans. It is the Contractor's responsibility to maintain the right of way for the taxiing aircraft and the elimination of foreign object debris at no additional cost to the airport.

If the resident Engineer, City or Airport staff see that the milling operation is producing smoke and dust that might inhibit aircraft operations, that operation shall be temporarily suspended and continued at night.

The runway safety area and the construction limit line are denoted on the plans for each area. Work within these areas shall be completed after Airport Operations has been notified of the upcoming work.

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The Contractor may schedule closures for a reasonable amount of time for daytime or nighttime construction. The contractor shall work with airport operations to minimize delay of taxiing aircraft. Any uncompleted construction will need proper barricades.

When existing edge lighting is rendered inoperable on an active taxiway or runway, the Contractor must install temporary lights meeting the FAA Advisory Circular for temporary obstruction lights meeting the NEC Article 300, and FAA Advisory Circular for permanent lighting. There will be no separate pay item for temporary lights except as specified and indicated, specifically in the technical specifications and on the plans. Costs for all temporary wiring other than that specified and indicated shall be included and allocated among other bid items.

The Contractor shall prepare a detailed critical path method (CPM) construction schedule for the project. The CPM construction schedule shall be submitted at the pre-construction meeting and must be reviewed by the Engineer.

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The Contractor shall prepare a detailed quality control testing and inspection program for all items of the work and submit the document to the resident engineer five (5) calendar days prior to the pre-construction conference for review.

Additional limitations, restrictions and requirements that will apply to the Contractors operations during construction of this project are discussed in FAA Advisory Circular 150/5370-2E, a copy of which is appended to these specifications.

## CITY OF EL PASO BID TABULATION

BID TITLE: RECONSTRUCTION OF TAXIWAY "G" & "H" AND FBO APRON EXTENSION  
 BID DATE: JULY 19, 2006

BID #: 2006-161  
 DEPARTMENT: AIRPORT

C & C ROAD  
 CONSTRUCTION, INC.  
 EL PASO, TEXAS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

J. A. R.  
 CONCRETE, INC.  
 EL PASO, TEXAS

J. D. ABRAMS L.P.  
 AUSTIN, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	C & C ROAD CONSTRUCTION, INC. EL PASO, TEXAS		C. F. JORDAN L.P. EL PASO, TEXAS		J. A. R. CONCRETE, INC. EL PASO, TEXAS		J. D. ABRAMS L.P. AUSTIN, TEXAS	
				SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
P-100-3.1	1	LS	MOBILIZATION (MOBILIZATION TO INCLUDE COST OF PAYMENT AND PERFORMANCE BONDS NOT TO EXCEED 5% OF BID)	\$120,000.00	\$120,000.00	\$125,000.00	\$125,000.00	\$90,000.00	\$90,000.00	\$120,000.00	\$120,000.00
P-101-3.1	1	LS	CONTRACTOR QUALITY CONTROL	\$40,000.00	\$40,000.00	\$30,500.00	\$30,500.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
P-104-5.1	29,450	SY	ASPHALT CONCRETE REMOVAL (FULL DEPTH MILLING)	\$5.00	\$147,250.00	\$2.00	\$58,900.00	\$2.25	\$66,262.50	\$1.90	\$55,955.00
P-104-5.2	3,300	SY	ASPHALT CONCRETE REMOVAL (PARTIAL DEPTH MILLING)	\$4.70	\$15,510.00	\$2.00	\$6,600.00	\$2.55	\$8,415.00	\$1.50	\$4,950.00
P-152-7.1	33,000	CY	UNCLASSIFIED EXCAVATION	\$8.60	\$283,800.00	\$6.00	\$198,000.00	\$7.00	\$231,000.00	\$19.00	\$627,000.00
P-209-5.1	7,300	CY	CRUSHED AGGREGATE BASE COURSE	\$35.00	\$255,500.00	\$35.00	\$255,500.00	\$26.50	\$193,450.00	\$54.00	\$394,200.00
P-401-8.1	19,250	TON	BITUMINOUS SURFACE COURSE	\$35.00	\$673,750.00	\$48.00	\$924,000.00	\$23.50	\$452,375.00	\$65.00	\$1,251,250.00
P-401-2	1,100	TON	ASPHALT CEMENT PERFORMANCE GRADED 70-22	\$700.00	\$770,000.00	\$750.00	\$825,000.00	\$600.00	\$660,000.00	\$850.00	\$935,000.00
P-603-5.1	6,600	GAL	BITUMINOUS TACK COAT	\$2.70	\$17,820.00	\$3.00	\$19,800.00	\$2.40	\$15,840.00	\$4.00	\$26,400.00

Approved by: *Map 7.24.06*

## CITY OF EL PASO BID TABULATION

BID TITLE: RECONSTRUCTION OF RUNWAY 8R - 26L & TAXIWAY E  
 BID DATE: JULY 12, 2006

BID #: 2006-165

DEPARTMENT: AIRPORT

C & C ROAD  
 CONSTRUCTION, INC.  
 EL PASO, TEXAS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

J. A. R.  
 CONCRETE, INC.  
 EL PASO, TEXAS

J. D. ABRAMS L.P.  
 AUSTIN, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL						
P-605-5.1	975	LF	EDGE SEAL	\$4.00	\$3,900.00	\$3.00	\$2,925.00	\$6.50	\$6,337.50	\$4.00	\$3,900.00
P-620-5.1	12,000	SF	PERMANENT TAXIWAY AND APRON PAINTING	\$1.10	\$13,200.00	\$1.00	\$12,000.00	\$1.40	\$16,800.00	\$1.00	\$12,000.00
P-620-5.2	12,000	SF	TEMPORARY TAXIWAY AND APRON PAINTING AND REMOVAL	\$4.50	\$54,000.00	\$4.00	\$48,000.00	\$4.40	\$52,800.00	\$4.00	\$48,000.00
P-621-5.1	4,000	SF	REMOVAL OF PERMANENT PAINT	\$3.50	\$14,000.00	\$3.00	\$12,000.00	\$3.40	\$13,600.00	\$3.00	\$12,000.00
D-751-5.1	2	EACH	MODIFY EXISTING DRAINAGE INLETS	\$10,000.00	\$20,000.00	\$13,000.00	\$26,000.00	\$12,175.00	\$24,350.00	\$4,000.00	\$8,000.00
L-126-5.1	40	EACH	TAXIWAY RETRO-REFLECTIVE MARKERS	\$60.00	\$2,400.00	\$80.00	\$3,200.00	\$89.00	\$3,560.00	\$30.00	\$1,200.00
SUM TOTAL BASE BID I ( 36 ITEMS TOTAL )					\$2,431,130.00		\$2,547,425.00		\$1,934,790.00		\$3,599,855.00
BID BOND SUBMITTED					YES		YES		YES		YES
AMENDMENTS ACKNOWLEDGED					YES		YES		YES		YES

Approved by: *Map 7.24.06*

2006-165 RECONSTRUCTION OF TAXIWAY G. & H AND FBO APRON EXTENSION

**PROPOSAL**

TO THE HONORABLE CITY MANAGER AND CITY COUNCIL  
CITY OF EL PASO  
EL PASO, TEXAS

The undersigned having familiarized themselves with the local conditions affecting the cost of work and with the Contract documents consisting of Invitation to Bid, Instructions to Bidders, General Conditions, the Contractor's Proposal, Special Bid Conditions, Applicable Wage Rates, the Contract Form, plans, specifications, and addenda on file in the office of the Financial Services Department of the City of El Paso, hereby propose to perform everything required to be performed and to provide furnish and install all the labor, materials, necessary structure adjustments, necessary tools, expendable equipment, and all utility and transportation services, and to complete in a workmanlike manner all the work required for the

**Reconstruction of Taxiway "G" & "H" and FBO Apron Extension  
Solicitation No. 2006-161**

Within the specified limits and in accordance with the plans and specifications as prepared by the City of El Paso, including Addenda numbers 1,     ,     ,     ,     ,     ; AT THE FOLLOWING UNIT PRICES.

**NOTE:** The quantities shown in the unit price schedule are **ESTIMATES ONLY**. They are shown here only for the purpose of comparing bids as an expected total expenditure. The City, at its sole discretion, will direct exactly how many actual units will be placed, and will pay for only those units that are ordered and accepted. No payments will be made regarding the estimated quantities, they are estimates only.

**BASE BID I - UNIT PRICE SCHEDULE:**

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
P-100-3.1	1	LS	Mobilization (mobilization to include cost of payment and performance bonds, not to exceed 5% of bid).	\$ <u>90,000.00</u>	\$ <u>90,000.00</u>
P-101-3.1	1	LS	Contractor Quality Control	\$ <u>100,000.00</u>	\$ <u>100,000.00</u>
P-104-5.1	29,450	SY	Asphalt Concrete Removal (Full Depth Milling)	\$ <u>2.25</u>	\$ <u>66,262.50</u>
P-104-5.2	3,300	SY	Asphalt Concrete Removal (Partial Depth Milling)	\$ <u>2.55</u>	\$ <u>8,415.00</u>
P-152-7.1	33,000	CY	Unclassified Excavation	\$ <u>7.00</u>	\$ <u>231,000.00</u>

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (In figures)	Total Amount (Quantity x Unit Price) (In Figures)
P-209-5.1	7,300	CY	Crushed Aggregate Base Course	\$ 26.50	\$ 193,450.00
P-401-8.1	19,250	TON	Bituminous Surface Course	\$ 23.50	\$ 452,375.00
P-401-2	1,100	TON	Asphalt Cement Performance Graded 70-22	\$ 600.00	\$ 660,000.00
P-603-5.1	6,600	GAL	Bituminous Tack Coat	\$ 2.40	\$ 15,840.00
P-605-5.1	975	LF	Edge Seal	\$ 6.50	\$ 6,337.50
P-620-5.1	12,000	SF	Permanent Taxiway and Apron Painting	\$ 1.40	\$ 16,800.00
P-620-5.2	12,000	SF	Temporary Taxiway and Apron Painting and Removal	\$ 4.40	\$ 52,800.00
P-621-5.1	4,000	SF	Removal of Permanent Paint	\$ 3.40	\$ 13,600.00
D-751-5.1	2	EA	Modify Existing Drainage Inlets	\$ 12,175.00	\$ 24,350.00
L-126-5.1	40	EA	Taxiway Retro-reflective Markers	\$ 89.00	\$ 3,560.00

**SUM TOTAL BASE BID**

\$ 1,934,790.00

CONTRACT TIME AND LIQUIDATED DAMAGES

The undersigned Bidder agrees to commence work on a date to be specified in a written Notice to Proceed and to substantially complete the work (at all sites) on which he/she has bid within **Eighty four (84) Consecutive Calendar Days**. Bidder agrees to pay as liquidated damages the sum of **Seven hundred fifty DOLLARS (\$750.00)** for each consecutive calendar day thereafter as provided in paragraph 6.8 of the General Conditions of the Contract.

PROPOSAL

Enclosed with this proposal is a certified check or bid bond for five percent (5%) of the TOTAL bid price including base bid(s) and alternate(s) which is agreed shall be collected and retained by the owner(s) as liquidated damages in the event this proposal is accepted by the Owner within sixty (60) consecutive calendar days after the date advised for the reception of bids and the undersigned fails to execute the contract and the required performance and payment bonds with the Owner within ten (14) consecutive calendar days after the date said proposal is accepted; otherwise, the said bid security shall be returned to the undersigned upon demand.

THE UNDERSIGNED BIDDER REPRESENTS TO THE CITY AND TO THE OTHER BIDDERS THAT HIS/HER BID, AND THE ESTIMATES ON WHICH IT IS BASED, HAS BEEN CAREFULLY CHECKED AND CONTAINS NO ERRORS, AND NOTHING HAS BEEN OMITTED OR OVERLOOKED IN DETERMINING THE AMOUNTS BID

BIDDER'S NAME J. A. R. CONCRETE, INC.

BY [Signature] 7/19/06  
Signature Date

JOE A. ROSALES JR - PRESIDENT 591-3389 591-8253  
Print Signer's name & title Telephone Fax

9609 CARNEGIE AVE EL PASO TX - 79925  
Address City, State, Zip Code

SAME  
Physical Address of Business - if different from above City, State, Zip Code

IF THE BIDDER BE A CORPORATION, THE FOLLOWING CERTIFICATE SHOULD BE EXECUTED:

I, ROSE M. ROSALES, certify that I am the CURRENT Secretary of the corporation named as Bidder hereinabove; that JOE A. ROSALES JR, who signed the foregoing contract on behalf of the Bidder, was then PRESIDENT of said corporation; that said proposal was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Rose M Rosales

CORPORATE SECRETARY SIGNATURE AND CORPORATE SEAL

