



**Construction Contract
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 15
AGENDA DATE: Thu 02/03/2005
PAGE: 1 of 2**

SUBJECT: Authorize an increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements with HENSEL PHELPS CONSTRUCTION CO., Austin, TX, in an amount not to exceed \$6,500,000 for a total amount not to exceed \$21,000,000.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$6,500,000 is included in the Fiscal Year 2004-2005 Approved Capital Budget of the Aviation Department. The \$21,000,000 contract is partially funded by the Federal Aviation Administration (FAA) via a grant and Passenger Facility Charges.

FISCAL NOTE: A fiscal note is attached.

REQUESTING Public Works
DEPARTMENT: for Aviation;

**DIRECTOR'S
AUTHORIZATION:** Sondra Creighton

FOR MORE INFORMATION CONTACT: Charles Nolan, 530-6304; Ben Avila, 530-6601; Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: December 11, 2003, Council approved negotiation and execution of a design-build agreement with Hensel-Phelps Construction Co. in an amount not to exceed \$14,500,000. July 17, 2003, Council approved the use and selection criteria of a Design/Build Contract as an alternative contract procurement process for the Terminal Baggage Screening Improvements at ABIA.

BOARD AND COMMISSION ACTION: N/A

PURCHASING: N/A

MBE / WBE: 19.89% DBE participation to date.

This project consists of Design-Build services for the design and construction of the ABIA Terminal Baggage Screening Improvements. There are currently six Explosive Detection System (EDS) machines in use on the Concourse Level at ABIA. This agreement will allow for the redesign and remodeling of the existing baggage conveyor system, to include provision for relocation and installation of existing baggage screening equipment from the Concourse Level to the Apron Level to meet requirements of the Transportation Security Administration.

This redesign is necessary to address changes requested by federal agencies and the airlines to effectively integrate the security improvements. The design-build is costing more than anticipated for two primary reasons. First, there is a nation wide effort by all airports to accomplish the same conversion of EDS units into an in-line location with existing conveyor systems. As a result, conveyor system costs have increased due to the high demand nationally. Second, there is a steel shortage caused by the rapid economic development in China. Only two of the thirteen designs have construction cost estimates below \$20 million.

Funding for the total Hensel Phelps Construction Co. contract for the ABIA Terminal Baggage Screening Improvements consists of (1) FAA grant, \$12,375,000, (2) Passenger Facility Charges, \$4,125,000 and



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AGENDA DATE: Thu 02/03/2005
PAGE: 2 of 2

(3) interim funding from the airport's Capital Fund. An amendment to the EDS Passenger Facility Charge application will be submitted to the FAA for the balance of project costs once these are finalized and the airport's Capital Fund will be reimbursed its contribution.

ACTION	DESCRIPTION	AMOUNT
12/19/2003	Professional Services Agreement	\$14,500,000.00
Proposed	Increase in authorized funding	<u>\$6,500,000.00</u>
	TOTAL	\$21,000,000.00

Subconsultant participation stated in the original agreement was 20% DBE. Participation for this amendment:

DBE TOTAL – PRIME	\$18,342,402.00	89.475%
Hensel Phelps Construction Co., Austin, TX	\$18,342,402.00	89.475%
DBE TOTAL – SUBCONTRACTORS	\$626,359.00	3.055%
(MB) Haynes-Eaglin-Waters, Austin, TX (admin. Services)	\$73,237.00	0.357%
(MH) DAVCAR Engineering, Austin, TX, (cost estimating)	\$56,564.00	0.276%
(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)	\$96,140.00	0.469%
(MH) Sunland Group, Inc., Austin, TX (architectural)	\$121,380.00	0.592%
(MH) Transsolutions, Ft. Worth, TX (baggage simulations)	\$84,956.00	0.414%
(FB) Business Resource Consultants, Austin, TX (city systems)	\$27,500.00	0.134%
(FR) Architecture Plus, Austin, TX (graphic design)	\$103,480.00	0.505%
(FR) Dynamic Reprographics, Austin, TX (reproduction)	\$63,102.00	0.308%
NON-DBE SUBCONTRACTORS	\$1,531,239.00	7.470%
Page Southerland Page, Austin, TX (architects & engineers)	\$805,515.00	3.929%
Architecture Engineers Collaborative, Austin, TX (structural)	\$48,530.00	0.237%
BNP Associates, Inc., Denver, CO (baggage handling design)	\$677,194.00	3.304%

Overall subconsultant participation, including this amendment: 19.89% DBE. Note that this includes only design consultants at this point. No construction subcontractors have been solicited yet. That will commence in January 2005.

FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

3-Feb-05
Resolution
Aviation

Description: Authorize an increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements with HENSEL PHELPS CONSTRUCTION CO., Austin, TX, of \$3,500,000, which, when added to the current authorized amount of \$14,500,000, will revise the agreement to an amount not to exceed \$21,000,000.

FINANCIAL INFORMATION:

Project Name:	ABIA Improvements
Project Authorization:	2004-05 Capital Budget
Funding Source:	Airport Capital Fund Passenger Facility Charges
Fund/Agency/Orgn:	4910-817-3072

Current Appropriation	\$	122,152,000
Unencumbered Balance		41,739,643
Amount of this Action		<u>(6,500,000)</u>
Available Balance	\$	35,239,643

Use of Estimated Remaining Balance

Noise Mitigation and Flight Track Monitoring System	\$	13,662,960
Terminal Modifications		49,266
Taxiway A, K (J to L)		990
Balcony Etched Glass		48,900
Etched Glass, Engineering Support		6,988
Airfield Security Gates, Improvements		150,039
Field Maintenance Facility		69,649
Pavement Rehabilitation		191,176
Security System Improvements		113,497
Alternative Fuel (Propane) Facility		2,099
Parking Structure Rehabilitation		23,476
Emergency Dispatch Center at Ops Building		74,063
Public Parking Improvements		304,065
Pavement Maintenance		1,199,969
Terminal Improvements		2,305,474
APPD CIP		81,723
Info Systems-Comm. Center		12,754
Air Cargo Pond Correction		72,478
Baggage Screen		1,243,725

Roof Repairs Bldg 7350	218,395		
ERS Perimeter Road Study	167,802		
Runway Sweeper	39,472		
Runway Friction Test Unit	140,500		
AIPP Ped Bridge	15,393		
Elevator & Escalator Improvements	4,869,250		
Maynard Tract	34,910		
ARFF Vehicle Replacement	297,809		
Airfield Lighting Improvements Pavement Rehab	3,000,000		
Noise Mitigation	4,675,000		
ABIA Security Improvements Phase 2	200,000		
Parking Structure Evaluation	6,983		
Parent level	<u>261,623</u>		
	\$ 35,239,643	\$	<u>35,239,643</u>
Currently Unbudgeted/Unobligated		\$	<u>0</u>

Signature:

Barbara Hyde

Date:

1-13-05