



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

**AGENDA ITEM NO.: 19
AGENDA DATE: Thu 03/03/2005
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 the amount of \$7,000,000 for a total agreement amount not to exceed \$21,500,000.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$7,000,000 is included in the Fiscal Year 2004-2005 Approved Capital Budget of the Aviation Department.

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.

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



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

**AGENDA ITEM NO.: 19
AGENDA DATE: Thu 03/03/2005
PAGE: 2 of 2**

| ACTION | DESCRIPTION | AMOUNT |
|---------------|---------------------------------|------------------------|
| 12/19/2003 | Professional Services Agreement | \$14,500,000.00 |
| Proposed | Increase in authorized funding | <u>\$7,000,000.00</u> |
| | TOTAL | \$21,500,000.00 |

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.

FISCAL NOTE

NOTE OF COUNCIL CONSIDERATION:
HERE ON AGENDA:
DEPARTMENT:

3-Mar-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 \$7,000,000, which, when added to the current authorized amount of \$14,500,000, will revise the agreement to an amount not to exceed \$21,500,000.

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 | | 41,195,075 |
| Amount of this Action | | <u>(7,000,000)</u> |
| Available Balance | \$ | 34,195,075 |

Use of Estimated Remaining Balance

| | | |
|---|----|------------|
| Noise Mitigation and Flight Track Monitoring System | \$ | 13,375,153 |
| 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 | | 101,010 |
| Field Maintenance Facility | | 89,649 |
| Pavement Rehabilitation | | 191,176 |
| 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 | | 1,199,435 |
| Terminal Improvements | | 2,228,124 |
| APPD CIP | | 81,723 |
| Info Systems-Comm. Center | | 12,754 |
| Air Cargo Pond Correction | | 65,478 |
| Baggage Screen | | 1,243,350 |
| Terminal Leak Repairs | | 1,698,724 |

| | | | |
|---|-------------------|----|-------------------|
| ERS Perimeter Road Study | 347,774 | | |
| AIPP Ped Bridge | 13,908 | | |
| Elevator & Escalator Improvements | 4,844,250 | | |
| Maynard Tract | 34,910 | | |
| Airfield Lighting Improvements Pavement Rehab | 3,000,000 | | |
| Noise Mitigation | 4,675,000 | | |
| ABIA Security Improvements Phase 2 | 200,000 | | |
| AIPP 2005 | 25,000 | | |
| Parent level | 59,416 | | |
| | <u>34,195,075</u> | \$ | <u>34,195,075</u> |
| Currently Unbudgeted/Unobligated | | \$ | <u>0</u> |

ance: Barbara Jipke Date: 2-16-05