



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

AGENDA ITEM NO.: 64
AGENDA DATE: Thu 12/16/2004
PAGE: 1 of 2

SUBJECT: Authorize execution of a construction contract with SMITH CONTRACTING COMPANY, Inc., Austin, TX, for construction of the Tanglewood Forest Detention Pond Retrofit project in the amount of \$407,932.50 plus a \$101,983.13 contingency, for a total contract amount not to exceed \$509,915.63.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$509,915.63 is available in the Fiscal Year 2003-2004 Amended Capital Budget of the Watershed Protection and Development Review Department.

FISCAL NOTE: A fiscal note is attached.

REQUESTING Watershed Protection and **DIRECTOR'S**
DEPARTMENT: Development Review **AUTHORIZATION:** Joe Pantalione

FOR MORE INFORMATION CONTACT: Glen Taffinder, 974-3381; John Routh, 974-3380; Martha Vincent, 974-3371

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: N/A

PURCHASING: Lowest bid of four received.

MBE / WBE: 21.57% MBE and 5.88% WBE subcontractor participation.

The Tanglewood Forest Detention Pond Retrofit project is located in the southwest quadrant of the City in the vicinity of Slaughter Lane at Riddle Road. The project consists of increasing the dam top elevation and armoring the dam structure with a permanent turf reinforcement matting, replacing 35-feet of the outlet discharge pipe with a larger diameter pipe (72 inch diameter), installation of a larger outlet trash grate to reduce blockage potential, and modifying the emergency spillway overflow channel to increase flow capacity. The enlargement modifications for the emergency spillway includes the removal of two existing 36-inch diameter culverts at the Alcott Lane crossing and replacement with two 8' x 4' box culverts. The project will reduce the potential for uncontrolled overflows of stormwater up to the 100-year storm event, providing flood hazard reduction for approximately 18-homes that were flooded during the November 15, 2001, storm event when the Tanglewood Pond was overtopped.

Due to the potential for storm related losses during construction and damage to the existing underground infrastructure, a 25% contingency has been included. The contract allows 180 calendar days for completion of this project.

Bid documents were distributed to nine general contractors. Bids were opened on Thursday, November 4, 2004. Smith Contracting Co. submitted the lowest of 4 bids received.



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Smith Contracting Company, Inc., Austin, TX	\$407,932.50
Muniz Concrete & Contracting, Austin, TX (MBE/MH)	\$430,414.50
Austin Filter Systems, Austin, TX	\$438,816.00
Austin Engineering Co., Austin, TX	\$634,301.69

The contractor's choice of work methodology provides for four areas of subcontracting opportunities: concrete material, hauling, bedding material, and erosion control.

Project specific subgoals stated in the solicitation were 3.27% African American; 17.70% Hispanic; 0.45% Asian American; 0.16% Native American; and 5.81% WBE. Total participation estimated on base bid amount of \$407,932.50:

<u>NON M/WBE TOTAL-PRIME</u>	<u>\$295,932.50</u>	<u>72.55%</u>
Smith Contracting Co. Inc., Austin, TX	\$295,932.50	72.55%
<u>MBE TOTAL-SUBCONTRACTORS</u>	<u>\$ 88,000.00</u>	<u>21.57%</u>
<u>African American Subtotal</u>	<u>\$ 13,500.00</u>	<u>3.31%</u>
JJL Trucking, Austin, TX (Hauling)	\$ 13,500.00	3.31%
<u>Hispanic Subtotal</u>	<u>\$ 72,500.00</u>	<u>17.77%</u>
(FH) Lone Star Ready Mix, Austin, TX (Concrete)	\$ 12,000.00	2.94%
Marcelo's, Austin, TX (Bedding Material, hauling)	\$ 25,000.00	6.13%
Aaron Concrete Contractors, Austin, TX (Box Culverts, Concrete Structures)	\$ 35,500.00	8.70%
<u>Asian American Subtotal</u>	<u>\$ 2,000.00</u>	<u>0.49%</u>
Marie's Trucking, Austin, TX (hauling)	\$ 2,000.00	0.49%
<u>Native American Subtotal</u>	<u>\$ 0.00</u>	<u>0.00%</u>
<u>WBE TOTAL-SUBCONTRACTORS</u>	<u>\$ 24,000.00</u>	<u>5.88%</u>
Fuquay Inc., Austin, TX (erosion control)	\$ 24,000.00	5.88%
<u>NON M/WBE-SUBCONTRACTORS</u>	<u>\$ 0.00</u>	<u>0.00%</u>

The Contractor submitted a MBE/WBE Compliance Plan that demonstrated a Good Faith Effort and was approved by the Department of Small & Minority Business Resources. Second and third low bidder information is provided.

SECOND BIDDER – Muniz Concrete & Contracting (MBE/MH) - \$430,414.50
99.14% MBE/MH prime participation; 0.00% MB; 0.00% MH; 0.28% ASA; 0.00% NA; 0.00% WBE;
0.58% Non M/WBE subcontractor participation.



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THRID BIDDER – Austin Filter Systems - \$438,816.00
59.90% Non M/WBE prime participation; 0.34% MB; 5.94% MH; 0.00% ASA; 0.00% NA; 20.23%
WBE; 13.64% Non M/WBE subcontractor participation.

November 22, 2004

Mr. John Routh, P.E.
Watershed Protection and Development Review Dept.
Watershed Engineering Division
City of Austin
206 E. 9th Street, Suite 17.160
Austin, TX 78701

**Re: Recommendation for Award -Tanglewood Forest Regional Detention Facility
Improvements Project, C.I.P. No. 4850-617-6410**

Dear Mr. Routh:

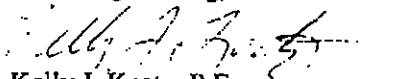
On Thursday, November 4, 2004 at 2:00 P.M., bids were received and opened for the construction of Tanglewood Forest Regional Detention Facility Improvements Project (C.I.P. No. 4850-617-6410). Four (4) responsive bids were received as shown on the enclosed bid tabulation. Based upon our review of the bids submitted, Smith Contracting Co., Inc. of Austin, Texas is the apparent low bidder.

A background check was performed on Smith Contracting Co., Inc. via a telephone poll of owner representatives for projects that Smith Contracting Co., Inc. has worked on in Texas, including the City of Austin, over the past several years. The overall impression from the people we spoke with was that Smith Contracting Co., Inc. provides quality work in a timely and professional manner. Also of note is that Smith Contracting Co., Inc. has completed projects that include general civil site work, drainage improvements, and roadway construction of various sizes and complexity for local governments and private entities. Thus, based upon our review of the apparent low bidder and the bids submitted, HDR recommends that the City of Austin award the construction contract for the Tanglewood Forest Regional Detention Facility Improvements Project to Smith Contracting Co., Inc. for the total amount of \$407,932.50.

We look forward to working with the City of Austin on the construction phase of this important project. If you require any additional information, please call me.

Sincerely,

HDR Engineering, Inc.


Kelly J. Kaatz, P.E.
Vice President / Project Manager

Enclosure

cc: Glen Taffinder, P.E., City of Austin

CERTIFIED

CITY OF AUSTIN		PROJECT SPONSOR: PUBLIC WORKS AND TRANSPORTATION		BID OPENING DATE: NOVEMBER 4, 2004	
BID TABULATION		PROJECT BUYER: JAMES A. (JIM) CONNER		TIME: 2:00 P.M.	
		PROJECT MANAGER: GARY KOSUT		LOCATION: ONE TEXAS CENTER	
		PROJECT CONSULTANTS: HDR ENGINEERING		PRICE EXPIRATION: 90 CAL. DAYS	
				LIQUIDATED DAMAGES: \$1,500.00	
PROJECT: RE-BID - TANGLEWOOD FOREST REGIONAL		BID INVITATION NO.: PW05200007		CIP ID NO.: S752.032	
DEFENTION FACILITY IMPROVEMENTS		P.C. NO.: 607Q0002101		DURATION: 180 CAL. DAYS	
PROJECT NUMBER(S): 4850-617-6410		RESPONSES: 6		AD DATES: OCTOBER 11, 18 & 25, 2004	
BIDDER:		SMITH CONTRACTING INC.		MUNIZ CONCRETE & AUSTIN FILTER SYSTEMS, INC.	
		AUSTIN, TX		AUSTIN, TX	
LOCATION:					
GUARANTEE: BB-Bid Bond CC-Cashiers Chk CTC-Cert. Chk		BB		BB	
ADDENDA ACKNOWLEDGED		#1		#1	

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
102S-C	CLEARING & GRUBBING	1	L.S.	\$8,500.00	\$8,500.00	\$16,500.00	\$16,500.00	\$16,500.00	\$16,500.00
104S-G	REMOVE MISCELLANEOUS CONCRETE	1	L.S.	\$8,500.00	\$8,500.00	\$5,500.00	\$5,500.00	\$22,164.50	\$22,164.50
120S-B	CHANNEL EXCAVATION	1,280	C.Y.	\$20.00	\$25,600.00	\$31.00	\$39,680.00	\$20.00	\$25,600.00
130-C	BORROW, CLASS C (TOPSOIL)	875	C.Y.	\$20.00	\$17,500.00	\$25.50	\$22,312.50	\$25.00	\$21,875.00
210S	FLEXIBLE BASE	60	C.Y.	\$100.00	\$6,000.00	\$45.00	\$2,700.00	\$48.00	\$2,880.00
340S-B	IMAC PAVEMENT, 2" TYPE D	215	S.Y.	\$25.00	\$5,375.00	\$21.50	\$4,622.50	\$23.50	\$5,052.50
401A	UNCLASSIFIED STRUCTURAL EXCAVATION	1,690	C.Y.	\$25.00	\$42,250.00	\$25.00	\$42,250.00	\$18.00	\$30,420.00
403-T	CONCRETE FOR TRASH RACK APRON SLAB	42	C.Y.	\$300.00	\$12,600.00	\$350.00	\$14,700.00	\$378.00	\$15,876.00
414-B	CONCRETE RETAINING WALL (TRASH RACK)	35	C.Y.	\$400.00	\$14,000.00	\$420.00	\$14,700.00	\$591.00	\$20,685.00
414-B	CONCRETE RETAINING WALL (EMBANKMENT)	50	C.Y.	\$450.00	\$22,500.00	\$490.00	\$24,500.00	\$572.00	\$28,600.00
430S-B	CONCRETE CURB & CUTTER (PINE GRADING)	96	L.F.	\$18.00	\$1,728.00	\$25.00	\$2,400.00	\$13.50	\$1,296.00
432S-5	CONCRETE SIDEWALKS	390	S.F.	\$6.00	\$2,340.00	\$4.00	\$1,560.00	\$5.30	\$2,067.00
508S-II	HEADWALL, TYPE PW, 8'X4' BOX CULVERT	2	EA.	\$5,500.00	\$11,000.00	\$12,500.00	\$25,000.00	\$5,200.00	\$10,400.00
508S-VB	VEHICLE BARRIER GATE	1	EA.	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00
508S-TB	TIMBER BOLLARDS	18	EA.	\$300.00	\$5,400.00	\$150.00	\$2,700.00	\$115.00	\$2,070.00
509S-1	EXCAVATION SAFETY SYSTEM	387	L.F.	\$3.00	\$1,161.00	\$7.00	\$2,709.00	\$5.00	\$1,935.00
510-A	PIPE, 72" DIA. RCP, INCLUDING EXCAVATION & BACKFILL	35	L.F.	\$400.00	\$14,000.00	\$375.00	\$13,125.00	\$371.00	\$12,985.00

CERTIFIED

BIDDER:				SMITH CONTRACTING INC.			MUNIZ CONCRETE &			AUSTIN FILTER SYSTEMS,		
ITEM NO.	ITEM DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
510-A	PIPE, 8" DIA. PVC, INCLUDING EXCAVATION & BACKFILL	160	L.F.	\$60.00	\$9,600.00	\$121.00	\$19,360.00	\$99.00	\$15,840.00			
511S-A	VALVES, GATE, 8" DIA.	2	E.A.	\$1,200.00	\$2,400.00	\$2,220.00	\$4,440.00	\$1,300.00	\$2,600.00			
559S	PCC BOX CULVERTS, 8' X 4'	192	L.F.	\$460.00	\$88,320.00	\$264.00	\$50,688.00	\$354.00	\$67,968.00			
604S-B	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, STRAY OR HAY MULCH	4.9	AC	\$2,125.00	\$10,412.50	\$2,250.00	\$11,025.00	\$3,100.00	\$15,190.00			
605S	SOIL RETENTION BLANKET, CLASS 2, TYPE H	2,800	S.Y.	\$6.00	\$16,800.00	\$6.50	\$18,200.00	\$7.50	\$21,000.00			
605S	SOIL RETENTION BLANKET, CLASS 1, TYPE A	5,450	S.Y.	\$1.50	\$8,175.00	\$1.25	\$6,812.50	\$2.50	\$13,625.00			
610S-A	PRESERVATION OF TREES & OTHER VEGETATION	72	L.F.	\$3.00	\$216.00	\$5.00	\$360.00	\$7.00	\$504.00			
639S	ROCK BERM	80	L.F.	\$15.00	\$1,200.00	\$20.00	\$1,600.00	\$13.00	\$1,040.00			
641S	STABILIZED ROCK BERM	1	E.A.	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00			
642S	SILT FENCE FOR EROSION CONTROL	1,210	L.F.	\$2.00	\$2,420.00	\$2.00	\$2,420.00	\$1.85	\$2,238.50			
700S-TN	TOTAL MOBILIZATION PAYMENT	1	L.S.	\$20,000.00	\$20,000.00	\$45,948.00	\$45,948.00	\$32,000.00	\$32,000.00			
703	FENCING FOR EXCAVATION	215	L.F.	\$3.00	\$645.00	\$2.00	\$430.00	\$3.50	\$752.50			
706S	BRIDGE OF CULVERT RAIL, TYPE PR1	82	L.F.	\$120.00	\$9,840.00	\$95.00	\$7,790.00	\$106.00	\$8,692.00			
728S	STEEL TRASH RACK	1	L.S.	\$24,000.00	\$24,000.00	\$17,957.00	\$17,957.00	\$20,400.00	\$20,400.00			
802S	PROJECT SIGN	1	E.A.	\$750.00	\$750.00	\$425.00	\$425.00	\$600.00	\$600.00			
803-CD	BARRICADES, SIGNS & TRAFFIC HANDLING	21	C.D	\$400.00	\$8,400.00	\$200.00	\$4,200.00	\$310.00	\$6,510.00			
803S-SF	SAFETY FENCING	1,400	L.F.	\$2.00	\$2,800.00	\$2.00	\$2,800.00	\$2.75	\$3,850.00			
	* CALCULATION ERROR FOUND AND CORRECTED				\$407,532.50		\$430,414.50		\$438,816.00			

CITY OF AUSTIN	PROJECT SPONSOR: PUBLIC WORKS AND TRANSPORTATION						BID OPENING DATE: SEPTEMBER 16, 2004 TIME: 2:00 P.M.						
BID TABULATION	PROJECT BUYER: JAMES A. [JEM] CONNER						LOCATION: ONE TEXAS CENTER						
	PROJECT MANAGER: GARY KOSUT						PRICE EXPIRATION: 90 CAL. DAYS						
	PROJECT CONSULTANTS: HDR ENGINEERING						LIQUIDATED DAMAGES:\$1,500.00						
PROJECT: TANGLEWOOD FOREST REGIONAL DETENTION FACILITY IMPROVEMENTS							CIP ID NO.:5752.032 DURATION: 180 CAL. DAYS						
PROJECT NUMBER(S): 4850-617-6410							P.C. NO.: 607Q0002101 RESPONSES: 6 AD DATES: AUGUST 23, 30 & SEPTEMBER 6, 2004						
BIDDER:							AUSTIN ENGINEERING CO., INC. C.C. CARLTON MAC, INC. AUSTIN, TX INDUSTRIES, LTD. AUSTIN, TX						
LOCATION:							BB BB						
GARANTEE: BB-Bid Bond CC-Cashiers Chk CTC-Cert. Chk							#1 #1						
ADDENDA ACKNOWLEDGED													
ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
1025-C	CLEARING & GRUBBING	1	L.S.	\$15,000.00	\$15,000.00		\$0.00		\$0.00		\$0.00		
1045-G	REMOVE MISCELLANEOUS CONCRETE	1	L.S.	\$35,000.00	\$35,000.00		\$0.00		\$0.00		\$0.00		
1205-B	CHANNEL EXCAVATION	1,280	C.Y.	\$20.00	\$25,600.00		\$0.00		\$0.00		\$0.00		
130-C	BORROW, CLASS C (TOPSOIL)	875	C.Y.	\$15.00	\$13,125.00		\$0.00		\$0.00		\$0.00		
210S	FLEXIBLE BASE	60	C.Y.	\$150.00	\$9,000.00		\$0.00		\$0.00		\$0.00		
340S-B	IIMAC PAVEMENT, 2", TYPE D	215	S.Y.	\$15.00	\$3,225.00		\$0.00		\$0.00		\$0.00		
401A	UNCLASSIFIED STRUCTURAL EXCAVATION	1,690	C.Y.	\$30.00	\$50,700.00		\$0.00		\$0.00		\$0.00		
403-T	CONCRETE FOR TRASH RACK APRON SLAB	42	C.Y.	\$433.00	\$18,186.00		\$0.00		\$0.00		\$0.00		
414-B	CONCRETE RETAINING WALL (TRASH RACK)	35	C.Y.	\$705.00	\$24,675.00		\$0.00		\$0.00		\$0.00		
414-B	CONCRETE RETAINING WALL (EMBANKMENT)	50	C.Y.	\$860.00	\$43,000.00		\$0.00		\$0.00		\$0.00		
430S-B	CONCRETE CURB & GUTTER (FINE GRADING)	96	L.F.	\$25.00	\$2,400.00		\$0.00		\$0.00		\$0.00		
432S-S	CONCRETE SIDEWALKS	390	S.F.	\$15.00	\$5,850.00		\$0.00		\$0.00		\$0.00		
508S-H	HEADWALL, TYPE PW, 8'X4' BOX CULVERT	2	E.A.	\$11,310.00	\$22,620.00		\$0.00		\$0.00		\$0.00		
508S-VB	VEHICLE BARRIER GATE	1	E.A.	\$1,500.00	\$1,500.00		\$0.00		\$0.00		\$0.00		
508S-TB	TIMBER BOLLARDS	18	E.A.	\$75.00	\$1,350.00		\$0.00		\$0.00		\$0.00		
509S-I	EXCAVATION SAFETY SYSTEM	387	L.F.	\$11.00	\$4,257.00		\$0.00		\$0.00		\$0.00		
510-A	PIPE, 72" DIA. RCP, INCLUDING EXCAVATION & BACKFILL	35	L.F.	\$500.00	\$17,500.00		\$0.00		\$0.00		\$0.00		

CERTIFIED

BIDDER:				AUSTIN ENGINEERING				C.C. CARLTON				MAC, INC.			
ITEM NO.	ITEM DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT				
510-A	PIPE, 8" DIA. PVC, INCLUDING EXCAVATION & BACKFILL.	160	L.F.	\$150.00	\$24,000.00		\$0.00		\$0.00		\$0.00				
511S-A	VALVES, GATE, 8" DIA.	2	EA.	\$2,650.00	\$5,300.00		\$0.00		\$0.00		\$0.00				
559S	PCC BOX CULVERTS, 8' X 4'	192	L.F.	\$882.00	\$169,344.00		\$0.00		\$0.00		\$0.00				
604S-B	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, STRAY OR HAY MULCH	4.9	AC	\$1,500.00	\$7,350.00		\$0.00		\$0.00		\$0.00				
605S	SOIL RETENTION BLANKET, CLASS 2, TYPE II	2,800	S.Y.	\$6.25	\$17,500.00		\$0.00		\$0.00		\$0.00				
605S	SOIL RETENTION BLANKET, CLASS 1, TYPE A	5,450	S.Y.	\$1.50	\$8,175.00		\$0.00		\$0.00		\$0.00				
610S-A	PRESERVATION OF TREES & OTHER VEGETATION	72	L.F.	\$2.50	\$180.00		\$0.00		\$0.00		\$0.00				
639S	ROCK BERM	80	L.F.	\$25.00	\$2,000.00		\$0.00		\$0.00		\$0.00				
641S	STABILIZED ROCK BERM	1	EA.	\$1,100.00	\$1,100.00		\$0.00		\$0.00		\$0.00				
642S	SILT FENCE FOR EROSION CONTROL	1,210	L.F.	\$1.93	\$2,335.30		\$0.00		\$0.00		\$0.00				
700S-TN	TOTAL MOBILIZATION PAYMENT	1	L.S.	\$55,000.00	\$55,000.00		\$0.00		\$0.00		\$0.00				
703	FENCING FOR EXCAVATION	215	L.F.	\$2.15	\$462.25		\$0.00		\$0.00		\$0.00				
706S	BRIDGE OF CULVERT RAIL, TYPE PR1	82	L.F.	\$105.00	\$8,610.00		\$0.00		\$0.00		\$0.00				
728S	STEEL TRASH RACK	1	L.S.	\$30,357.14	\$30,357.14		\$0.00		\$0.00		\$0.00				
802S	PROJECT SIGN	1	EA.	\$500.00	\$500.00		\$0.00		\$0.00		\$0.00				
803-CD	BARRICADES, SIGNS & TRAFFIC HANDLING	21	C.D	\$100.00	\$2,100.00		\$0.00		\$0.00		\$0.00				
803S-SF	SAFETY FENCING	1,400	L.F.	\$5.00	\$7,000.00		\$0.00		\$0.00		\$0.00				
					\$634,301.69		\$0.00		\$0.00		\$0.00				

**CIP BUDGET
FISCAL NOTE****DATE OF COUNCIL CONSIDERATION:**

16-Dec-04

WHERE ON AGENDA:**DEPARTMENT:**

Watershed Protection & Development Review

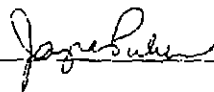
Description: Authorize execution of a construction contract with Smith Contracting Company, Inc., Austin, TX for construction of the Tanglewood Forest Detention Pond Retrofit project in the amount of \$407,932.50 plus a \$101,883.13 contingency, for a total contract amount not to exceed \$509,915.63.

FINANCIAL INFORMATION:

Project Name: TANGLEWOOD FOREST PND
RETROFIT
Project Authorization: 2003-2004 Amended Capital Budget
Funding Source: Drainage Utility Fund
Fund/Agency/Orgn: 4850-817-6410

Total Current Appropriation	\$1,200,000.00
Unencumbered Balance	\$1,010,893.00
Amount of this Action	<u>(\$509,915.63)</u>
Remaining Balance	<u>\$500,977.37</u>

Financial Approval: _____



Date: _____

11/25/04

