



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

**AGENDA ITEM NO.: 19
AGENDA DATE: Thu 02/12/2004
PAGE: 1 of 3**

SUBJECT: Authorize execution of a construction contract with T MORALES CO. LLC., (FH, 43.74%), Florence, TX, for South Austin Regional Wastewater Treatment Plant Train C Substation Consolidated in the amount of \$9,989,000 plus a \$450,000 contingency, for a total contract amount not to exceed \$10,439,000.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$10,439,000 is included in the Fiscal Year 2001-2002 Amended Capital Budget of the Austin Water Utility.

FISCAL NOTE: A fiscal note is attached.

REQUESTING Public Works
DEPARTMENT: for Austin Water Utility;

**DIRECTOR'S
AUTHORIZATION:** Sondra Creighton

FOR MORE INFORMATION CONTACT: Gary Jackson, 974-7115; Randy Pohren, P.E., 972-0223; Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: Recommended by the Water & Wastewater Commission.

PURCHASING: Lowest bid of two received.

MBE / WBE: 50.75% MBE and 8.72% WBE contractor participation.

The South Austin Regional Wastewater Treatment Plant was placed into service in 1986. It is currently permitted for an average flow of 50 million gallons per day at advanced treatment levels. A twenty-five million gallon a day treatment capacity expansion of the plant is necessary to provide for projected flows in the plant's developing service area and to allow for the eventual retirement of the Govalle Wastewater Treatment Plant. The South Austin Regional Wastewater Treatment Plant Expansion and Improvements Project consists of several projects needed to expand the plant, protect the site from flood, improve current operations, and other necessary improvements to support the expanded facility.

To allow smaller construction firms an opportunity to bid the project, the large train construction effort was designed as a series of smaller construction projects. Several preparatory projects have been completed to support the plant expansion. Since this is a series of projects, the treatment process will not be operational nor will a return on this investment be realized until the last phase of this series is complete. The series of projects required to construct an operational treatment train includes:

Project	Estimated Completion Schedule	Cost
Water Reuse/NPW	May 03-Jul 05	\$7,567,000.00 (awarded 03-20-03)
Train C South	May 03-Jan 06	\$25,427,000.00 (awarded 04-10-03)
Train C North	Nov 03-Jan 06	\$24,765,755.00 (awarded 08-14-03)
Substation Consolidated	May 04-Jan 06	<u>\$10,439,000.00</u> (this action)
		\$68,198,755.00

This request for the Train C Substation Consolidated project includes:



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PAGE: 2 of 3**

Construction of an Electrical Substation with approximate dimensions of 93 feet by 75 feet. The project includes the routing of new feeders from the Onion Creek Substation, and the routing of the site electrical for all power demands that this substation will support. Austin Energy will provide power for this project. This project also includes construction of plant roads, drainage structures, electrical and I&C duct bank systems, and repair of a plant lift station. It is the final project in a group of seven construction projects.

Due to the potential for unknown subsurface conditions and utility conflicts, an approximate 4.5% contingency in funding has been included to allow for the expeditious processing of any future change orders. The contract allows 540 calendar days for completion of this project.

Bid documents were distributed to 6 general contractors. Bids were opened on December 18, 2003. T Morales Co. LLC submitted the lower of 2 bids received:

T. Morales Co., Florence, TX	\$9,989,000.00
Martin K. Eby Construction, Austin, TX	\$10,447,000.00

The contractor's choice of work methodology provides for 8 areas of subcontracting opportunities listed below. Project specific subgoals stated in the solicitation were 3.41% African American; 12.78% Hispanic; 1.67% Native/Asian American, 6.38% WBE. Total participation estimated on base bid amount of \$9,989,000.00:

MBE TOTAL – PRIME	\$4,369,583	43.74%
(FH) T. Morales Co., Florence, TX (electrical)	\$4,369,583	43.74%
MBE TOTAL – SUBCONTRACTORS	\$5,940,410	50.75%
African American Subtotal	\$262,960	2.63%
(MB) Applied Instrumentation, Sugarland, TX (electrical)	\$252,960	2.53%
(MB) JJI Trucking, Cedar Park, TX (trucking)	\$10,000	0.10%
Hispanic Subtotal	\$292,570	2.93%
(MH) Armor Sealants, Round Rock, TX (Sealants)	\$32,570	0.33%
(MH) Rainbow Materials, Euless, TX (concrete)	\$260,000	2.60%
Native/Asian American Subtotal	\$144,000	1.44%
(MN) Medcalf Fabrication, Houston, TX (steel)	\$144,000	1.44%
WBE TOTAL – SUBCONTRACTORS	\$871,297	8.72%
(FA) Globe Electric, Houston, TX (electrical)	\$640,000	6.41%
(FR) Richochet Fuels, Euless, TX (Fuel)	\$32,000	0.32%
(FR) Custom Masonary Corp., San Antonio, TX (masonry)	\$166,000	1.66%
(FR) Roadway Specialties Inc., Austin, TX (erosion control)	\$23,297	0.23%



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PAGE: 3 of 3**

(FR) Power Quality Engineering, Austin, TX (electrical)	\$5,000	0.05%
(FR) White Photography, Austin, TX (photography)	\$5,000	0.05%
NON M/WBE TOTAL – SUBCONTRACTORS	\$4,048,590	40.53%
Matous Construction, Temple, TX (civil)	\$3,300,000	33.04%
Mobile Enterprise, Fort Worth, TX (concrete)	\$748,590	7.49%


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 low bidder information is provided.

SECOND BIDDER – Martin K. Eby, Austin, TX - \$10,447,000.00
65.85% Non M/WBE prime participation; 3.86% MB; 14.22% MH; 1.68% NA; 14.39% WBE;
20.37% Non M/WBE subcontractor participation.

No.020404-F
WATER AND WASTEWATER COMMISSION RESOLUTION
CONSTRUCTION CONTRACT WITH T. MORALES, CO. LLC., IN THE AMOUNT OF \$9,989,000
PLUS A \$450,000 CONTINGENCY, FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED
\$10,439,000
February 4, 2004
REGULAR MEETING
VOTE: 6-0-0-1

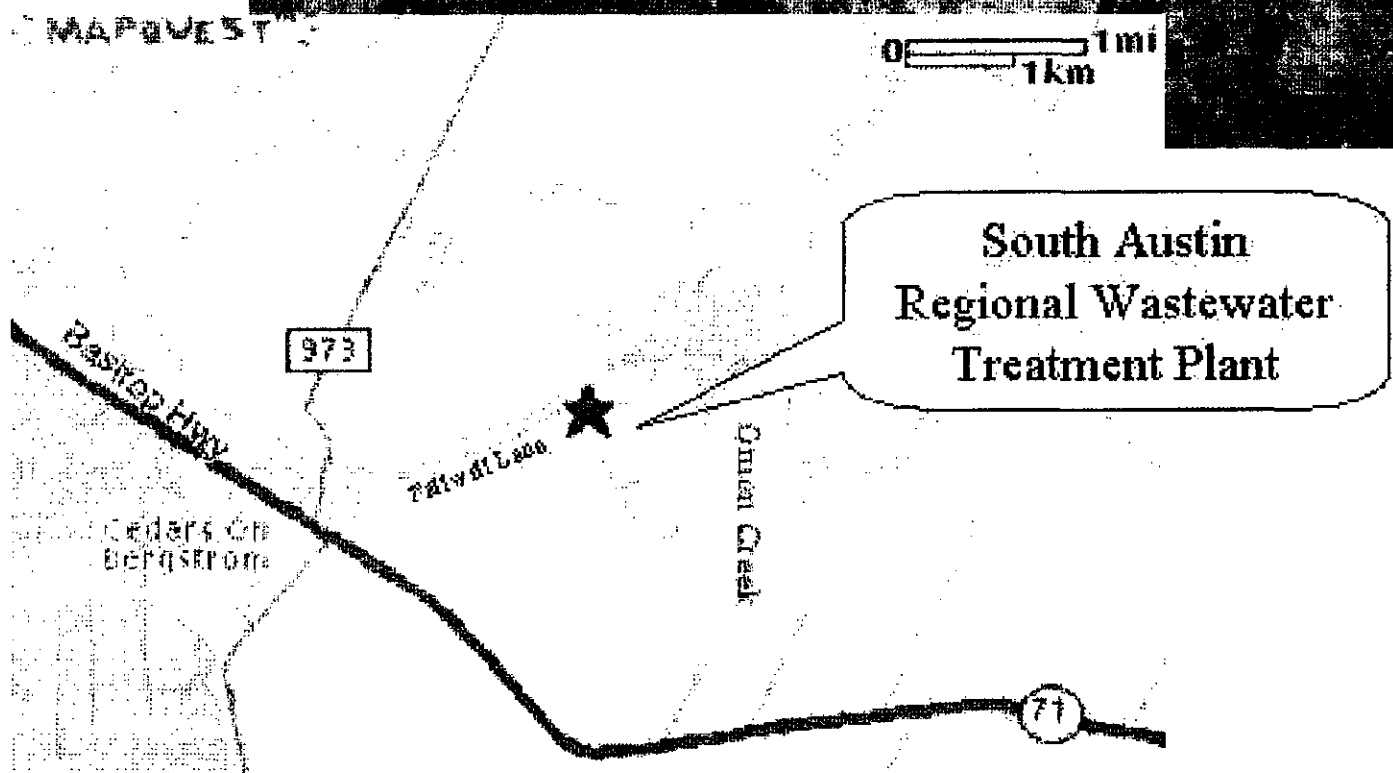
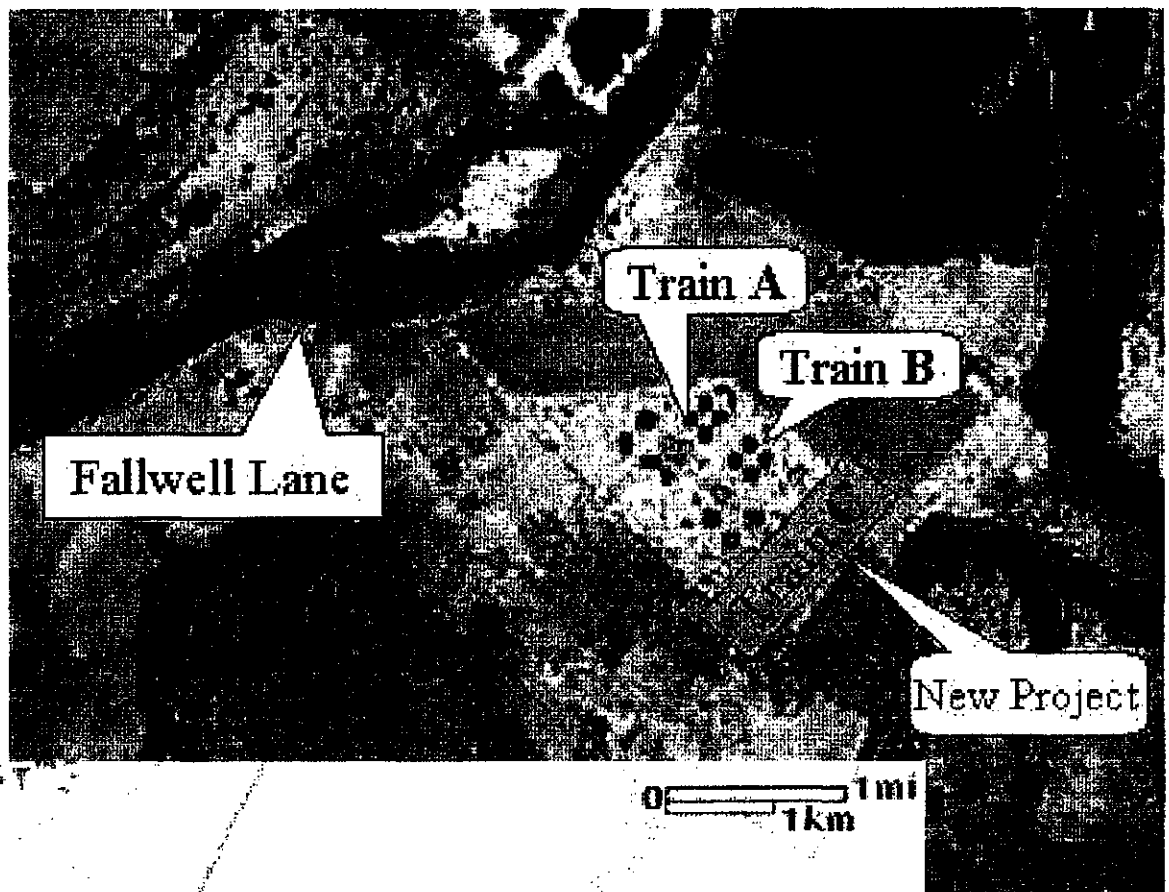
Motion made by: Friese
Commissioners Consenting: Warner, Lee, Coleman, Miller, Raun
Commissioners Dissenting:
Commissioners Abstaining:
Commissioners Absent: Kirfman

The Water and Wastewater Commission recommends the Council authorize execution of a construction contract with T. Morales, Co. LLC., (FH 43.74%) for Train C Substation Consolidated in the amount of \$9,989,000 plus a \$450,000 contingency, for a total contract amount not to exceed \$10,439,000.


Michael Warner, Chairperson
Water and Wastewater Commission

2/4/04
Date

South Austin Regional Wastewater Treatment Plant



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13009 Fallwell Lane

Del Valle, TX 78617

CIP FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

2/12/2004
Resolution
Austin Water Utility

DESCRIPTION:

Authorize execution of a construction contract with T MORALES CO. LLC., (FH, 43.74%), Florence, TX, for South Austin Regional Wastewater Treatment Plant Train C Substation Consolidated in the amount of \$9,989,000 plus a \$450,000 contingency, for a total contract amount not to exceed \$10,439,000.

FINANCIAL INFORMATION:

Parent Project Name: 1998 Wastewater Imps. Prop. 10
Project Authorization: 2001-02 Amended Capital Budget
Funding Source: 1998 Revenue Bonds
Number: 4540 237 2021

Current Appropriation	\$ 106,417,000.00
Unencumbered Balance	28,519,174.42 *
Amount of This Action	<u>(10,439,000.00)</u>
Remaining Balance	<u>\$ 18,080,174.42</u>
Current Available Balance	\$ 35,202,491.42
Less Outstanding Commitments	<u>(6,683,317.00)</u>
Estimated Unencumbered Balance	<u>\$ 28,519,174.42 *</u>

Utility Finance:



David Anders, Utilities Finance Manager

Date:

1/15/04

REF. # 4540 237 8177