



**Professional Services Amendment  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 29  
AGENDA DATE: Thu 06/24/2004  
PAGE: 1 of 5**

**SUBJECT:** Authorize negotiation and execution of an amendment to the professional services agreement with MALCOLM PIRNIE, INC., Austin, TX, for additional program management consulting services for water and wastewater services to annexed areas in the amount of \$851,000 for a total contract amount not to exceed \$12,209,824.33.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$ 851,000 is included in the Fiscal Year 2003-2004 Capital Budget of the Austin Water Utility.

**FISCAL NOTE:** A fiscal note is attached.

**REQUESTING** Public Works  
**DEPARTMEN** for Austin Water Utility;  
**T:**

**DIRECTOR'S  
AUTHORIZATION:** Leon Barba

**FOR MORE INFORMATION CONTACT:** Mike Boyle, P.E., 972-0252; Susan Janek, P.E., 974-7291; Laura Bohl, 974-7047

**PRIOR COUNCIL ACTION:** 2/26/98 -- Professional Services Agreement Awarded; 05/06/99 -- Amendment Approved; 1/18/01 -- Amendment Approved; 07/11/02 -- Amendment Approved; 02/27/03 -- Amendment Approved.

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

**PURCHASING:** N/A

**MBE./ WBE:** 17.6% MBE and 26.5% WBE subcontractor participation to date, including this amendment.

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In April 1997, the City of Austin entered into an Agreement with the Participants (Davenport Ranch MUD, Eanes I.S.D., U.S.A.A. Stratum Executive Center Joint Venture, Opus South Corporation, Riverbend Baptist Church, Hill Partners, Protestant Episcopal Church/St. Stephens Episcopal School) to provide the Participants wastewater service. The Loop 360 Lift Station Project was created in order to convey the wastewater generated by the Participants into the City of Austin collection system. On December 31, 1997, the Davenport Ranch MUD was annexed into the City of Austin.

The design plans and specifications for the original project were prepared and submitted for review by the City of Austin, Texas Water Development Board (TWDB), Texas Department of Transportation (TxDOT) in June 2000. The review of the original Project by the City and TxDOT revealed several issues that raised concerns regarding the Project's ultimate ability to be constructed and operated in an efficient manner. Therefore, the Loop 360 Lift Station Project was modified, and the outcome of the Feasibility Study resulted in several design changes to the scope of the Project including:

- Participants will pay their portion of the fee for the Agreement and have turned the design and construction of the projects over to the City of Austin. The Agreement also transformed the responsibility for Project Management and Contract Administration to the City of Austin. Additionally, the City of Austin sold some of their shares to another Participant, the Nalle tract, geographically located near Riverbend and USAA Stratum Properties. The City of Austin has an



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executed Agreement with the Participants to take over the Loop 360 Lift Station Project, in accordance with council authorization on November 15, 2001.

- The proposed Davenport Lift Station was moved to a location near the maintenance facility for Austin Country Club golf course. This would allow the existing WWTP to be decommissioned. An 18" gravity effluent line, constructed via horizontal directional drilling (HDD), from the existing WWTP will be extended to feed the proposed lift station.
- From the proposed Davenport Lift Station, the most feasible method for transmitting flow from the Davenport Ranch subdivision to the Crosstown Tunnel was via Horizontal Directional Drilling (HDD) underneath Lake Austin. HDD has been proven to be a reliable construction method through a previous water line construction underneath Lake Austin, as part of the 1997 Annexation Program. It is anticipated that the wastewater force mains will have single steel casing pipes with two high density polyethylene (HDPE) carrier lines and possibly additional utilities may be transmitted within the casing pipe.
- A water line segment upgrade from 12-inch to 24-inch has been included in accordance with the City of Austin Water Master Plan to improve service flow and pressure to the west side of Austin.

The above modifications resulted in the Davenport Wastewater Improvements Projects, two projects, which have subsequently been contracted for with new Design Consultants, previously authorized for Jacobs Engineering, Inc. and LAN, Inc., and are currently at the 60% design submittal phase. Additionally, these modifications resulted in the following components of the Project to be located within the Austin Country Club golf course:

- Construction of a lift station
- Demolition of the existing Davenport Ranch WWTP
- Construction of various pipelines.

The City is currently in negotiations with Austin Country Club for easements in accordance with council authorization on November 20, 2003.

As part of the 1997 Annexation Program, Malcolm Pirnie, Inc. served as the Program Manager for the City of Austin throughout the various design phases of the projects and negotiations with the Participants and Austin Country Club. In July 2002, Malcolm Pirnie, Inc. was contracted for program management services and to act as the Project Manager for the final design projects that came out of the Feasibility Study. Interface and coordination with Austin Energy, Austin Country Club, Texas Water Development Board, and Participants is also included as part of the program management services.



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This RCA requests authorization of additional funding for two task items, in the estimated amount of \$851,000.00. The first task item includes program management services for the construction of the Davenport wastewater and water improvements projects. The wastewater projects consist of the Loop 360 Lift Station and one gravity line and two wastewater force mains using horizontal direction drilling. The water line project upgrades the water system to a 24-inch water line to replace an existing 12-inch water line at the intersection of RM 2222 and Loop 360. The Participants Agreement, which allows the participants to opt out of the agreement, pay their contribution for service, and allow the City of Austin to fully manage and direct the work for the Loop 360 Lift Station, has been signed and all parties have paid contributions.

This authorization includes public involvement, permitting assistance, inspection and construction management services for the two Davenport Wastewater Improvements projects. Inspection services will be provided jointly by the City's Construction Inspection Division and private inspection.

The second task item is for limited program management services associated with the City's ongoing services to annexed area program. This includes the technical review of 60% and 100% plan and cost opinion submittals for four (4) design projects for ongoing Service to Annexed Areas projects.

Assuming no unforeseen circumstances, it is intended this will be the final authorization request for this professional services contract. Phasing of obtaining authorization of the design and construction phase services for the Davenport wastewater and water projects was required due to (1) the determination of when construction would commence (based on real estate acquisition, completion of Agreement with Participants, and required construction sequencing) and (2) determining that City construction inspection staffing would be available at the time construction commences due to the extensive number of construction projects occurring within the City.



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**AGREEMENT HISTORY**

ACTION	DESCRIPTION	AMOUNT
02/26/98	Original Authorization – Professional Service Agreement for 1997 Annexation Program.	\$2,600,000.00
05/06/99	Additional Authorization – Extension of 1997 Annexation Program services for construction phase management and increased public involvement needs, developer reimbursement program services for accounting and auditing, and eCAPRIS development.	\$3,900,000.00
01/18/01	Additional Authorization – Extension of 1997 Annexation Program services for the 1997 annexation projects, for additional eCAPRIS development, and additional program management services for the 2000 Annexation of Eubank Acres.	\$2,322,216.00
Administrative Authority	Additional eCAPRIS reports for Capital Project Management Fund and related project and financial data.	\$30,880.73
Administrative Authority	Additional construction management and inspection services.	\$12,102.07
07/11/02	Additional Authorization – Extension of 1997 Annexation Program services for Davenport and other projects, 2000 Annexation Program services for Eubank Acres, construction phase services for the Balcones Water Reclamation Plant Influent Lift Station, and additional eCAPRIS development.	\$2,256,897.93
2/27/03	Authorization for inspection services for Eubank Acres, and additional eCAPRIS development.	\$210,075.72
Administrative Authority	Additional public involvement for Los Indios Lift Station Relief project and design phase services for Balcones Water Reclamation Plant Influent Lift Station.	\$26,651.78
Proposed Authorization	Proposed Authorization for program management services for the construction phase of Davenport Wastewater Improvements and limited support in the City's ongoing service to annexed area program.	\$851,000.00
	TOTAL:	\$12,209,824.23



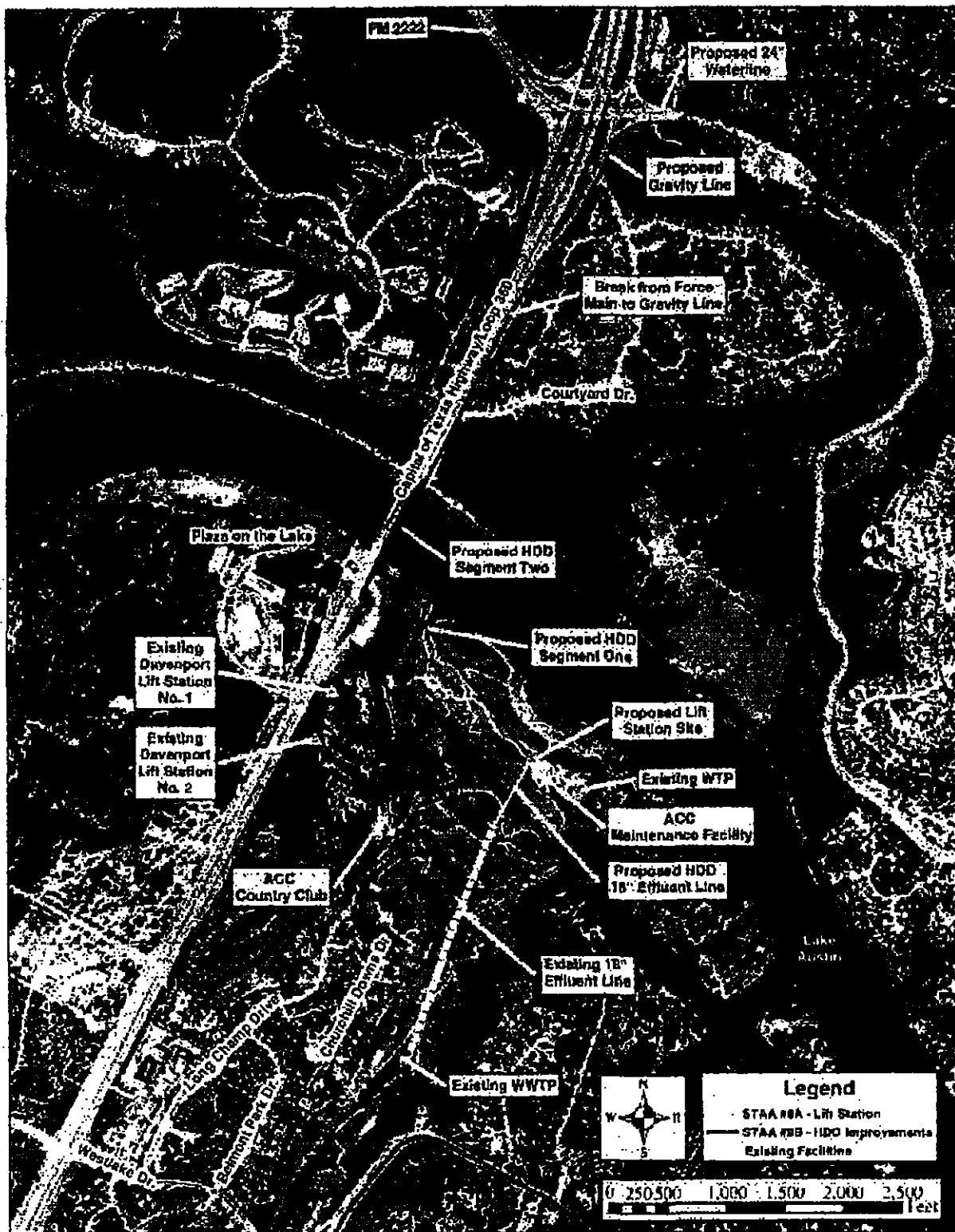
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Subconsultant participation stated in the original agreement was 8.6% MBE and 18.2% WBE.  
Participation for this amendment:

<u>NON M/WBE – PRIME CONSULTANT</u>	<u>50.67%</u>
Malcolm Pirnie, Inc.	50.67%
 <u>MBE TOTAL – SUBCONSULTANTS</u>	 <u>18.24%</u>
(MH) The Arizpe Group (construction inspection services)	14.20%
(MA) Gupta & Associates, Inc. (electrical inspection services)	1.76%
(FB) Group Solutions/RJW (public involvement)	2.28%
 <u>WBE TOTAL – SUBCONSULTANTS</u>	 <u>31.09%</u>
(FR) A.K. Young & Associates (environmental permitting services)	2.78%
(FB) CPM Consultants (construction inspection services)	28.19%
(FR) Dynamic Reprographics (reproduction)	0.12%

Original participation goals did not include subgoals. This amendment meets all current subgoals of 1.1% MB, 5.9% MH, 1.7% NA, and 18.2% WBE. Total contract participation, including this amendment, is 17.6% MBE and 26.5% WBE.



## Davenport Wastewater Improvements Project

April 2004

No. 060204-F

**WATER AND WASTEWATER COMMISSION RESOLUTION  
AUTHORIZE NEGOTIATION AND EXECUTION OF AN AMENDMENT TO THE PROFESSIONAL  
SERVICES AGREEMENT WITH MALCOLM PIRNIE, INC., FOR ADDITIONAL PROGRAM  
MANAGEMENT CONSULTING OF WATER AND WASTEWATER SERVICES TO ANNEXED AREAS IN  
THE AMOUNT OF \$851,000 FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$12,209,824.33**

June 2, 2004

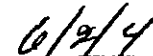
REGULAR MEETING

VOTE: 7-0-0-2

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

The Water and Wastewater Commission recommends the Council authorize negotiation and execution of an amendment to the professional services agreement with Malcolm Pirnie, Inc., for additional program management consulting of water and wastewater services to annexed areas in the amount of \$851,000 for a total contract amount not to exceed \$12,209,824.33

  
Michael Warner, Chairperson  
Water and Wastewater Commission

  
Date

## CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

6/24/2004  
Resolution  
Austin Water Utility

**DESCRIPTION:**

Authorize negotiation and execution of an amendment to the professional services agreement with MALCOLM PIRNIE, INC., Austin, TX, for additional program management consulting of water and wastewater services to annexed areas in the amount of \$851,000 for a total contract amount not to exceed \$12,209,824.33.

**FINANCIAL INFORMATION:**

Parent Project Name:	Water Unfunded Future
Project Authorization:	2003-04 Approved Capital Budget
Funding Source:	Commercial Paper
Number:	3960 227 1019

Current Appropriation	\$ 271,508,739.00
Unencumbered Balance	76,861,314.56 *
Amount of This Action	<u>(85,100.00)</u>
Remaining Balance	<u>\$ 76,776,214.56</u>
 Current Available Balance	 \$ 79,006,475.56
Less Outstanding Commitments	<u>(2,145,161.00)</u>
Estimated Unencumbered Balance	<u>\$ 76,861,314.56 *</u>

Utility Finance: \_\_\_\_\_

  
David Anders, Utilities Finance Manager

Date: \_\_\_\_\_

5/26/04

REF. # 3960 227 7869



## CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

6/24/2004  
Resolution  
Austin Water Utility

**DESCRIPTION:**


Authorize negotiation and execution of an amendment to the professional services agreement with MALCOLM PIRNIE, INC., Austin, TX, for additional program management consulting of water and wastewater services to annexed areas in the amount of \$851,000 for a total contract amount not to exceed \$12,209,824.33.

**FINANCIAL INFORMATION:**

Parent Project Name:	Wastewater Unfunded Future
Project Authorization:	2003-04 Approved Capital Budget
Funding Source:	Commercial Paper
Number:	4570 237 2017

Current Appropriation	\$ 410,907,293.00
Unencumbered Balance	150,302,482.52 *
Amount of This Action	<u>(765,900.00)</u>
Remaining Balance	<u>\$ 149,536,582.52</u>
 Current Available Balance	 \$ 184,602,487.75
Less Outstanding Commitments	<u>(34,300,005.23)</u>
Estimated Unencumbered Balance	<u>\$ 150,302,482.52 *</u>

Utility Finance: \_\_\_\_\_

  
David Anders, Utilities Finance Manager

Date: 5/26/04

**REF #4570 237 8851**