

In January 1999, Council approved a professional services agreement with a consultant firm to address the City's need for the development of a comprehensive, accurate and automated drainage infrastructure mapping and data management system. The Waller Creek watershed was chosen as a pilot for the mapping system. About 50% of the Waller Creek drainage infrastructure has been populated into a geo-database and maintained on the City's Spatial Data Engine (SDE) server. ORACLE was selected as the City's corporate database platform and is the relational database underlying the geo-database.

As part of the pilot project, which was completed in May 2002, a level of effort analysis for a city wide drainage infrastructure data collection and mapping project was performed. The consultant estimated the cost of a citywide project to be \$10 million. Implementation of the citywide project was anticipated to be conducted in phases subject to funding approval and technical success. This contract is the first phase of the full project.

The current subject project is an extension of the Watershed Protection and Development Review Department's pilot Drainage Infrastructure Mapping project. The initial project authorization of \$350,000 focused on data collection and geographical information systems (GIS) mapping for the existing drainage infrastructure within the Austin Central Business District (CBD). When prepared, the original Council Action anticipated returning to Council for additional funding of \$650,000 for a total amount up to \$1,000,000.

This second Council action proposed herein is seeking authorization for \$650,000 to negotiate and execute a supplemental amendment to the professional services agreement with the Consultant for an estimated additional 35% of the central Austin area only. This additional area encompasses and expands upon the original project and covers watersheds directly north and south of the downtown Austin area. This phase of the project will focus on GPS field inventory and inspection of infrastructure. The drainage infrastructure consists of storm drains, inlets, manholes, pipes and junctions, outfalls, culverts and ditches that comprise the storm drain system.

AUTHORIZATION HISTORY

DATE	DESCRIPTION	AMOUNT
2/10/2005	Council Authorization to negotiate and execute Professional Services Agreement	\$350,000.00
Proposed	Proposed Amendment to continue Professional Services	\$650,000.00
	Total Contract Council Authorization	\$1,000,000.00

CONTRACT HISTORY

DATE	DESCRIPTION	AMOUNT
1/25/2006	Original Professional Services Agreement	\$324,993.03
Proposed	Proposed Supplemental Amendment to continue Professional Services	\$675,006.97
	Total Contract Expenditures	\$1,000,000.00

Participation goals stated in the original approved compliance plan for the agreement were 1.70% African American, 9.5% Hispanic, 4.70% Native/Asian American and 14.2% WBE subconsultant participation. The contracted firm originally provided an MBE/WBE Compliance Plan which was approved by the Department of Small and Minority Business Resources.

Overall subconsultant participation including the subject project Amendment will meet or exceed the original goals as stated on the original approved compliance plan.

Overall actual participation to date for the project:

<u>NON M/WBE TOTAL – PRIME</u>	<u>57.50%</u>
Parsons Water & Infrastructure, Inc., Austin, TX	57.50%
<u>MBE TOTAL – SUBCONSULTANTS</u>	17.00%
<u>African American Subtotal</u>	<u>2.60%</u>
(MB) HVJ Associates, Inc., Austin, TX (traffic control planning)	2.60%
<u>Hispanic Subtotal</u>	<u>9.50%</u>
(MH) Martinez, Wright & Mendez, Inc., Austin, TX (surveying)	9.50%
<u>Asian American Subtotal</u>	<u>4.90%</u>
(MA) Raymond Chan & Assoc., Inc., Austin, TX (research and data collection)	4.90%
<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>13.70%</u>
(FH) Kurkjian Engineering Corp., Austin, TX (field data acquisition)	13.70%
<u>NON M/WBE TOTAL – SUBCONSULTANTS</u>	<u>11.80%</u>
URS Corporation, Austin, TX (civil engineering, quality assurance/control)	11.80%