



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

AGENDA ITEM NO.: 45
AGENDA DATE: Thu 07/29/2004
PAGE: 1 of 3

SUBJECT: Authorize negotiation and execution of a professional services agreement with WATERSHED CONCEPTS, Austin, TX, for professional engineering services for the Drainage Infrastructure Geographical Information System Data Acquisition project, in an amount not to exceed \$340,000.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2003-2004 Approved Capital Budget of the Watershed Protection and Development Review Department.

FISCAL NOTE: A fiscal note is attached.

REQUESTING	Public Works	DIRECTOR'S
DEPARTMENT:	for Watershed Protection and Development Review;	AUTHORIZATION: <u>Sondra Creighton</u>

FOR MORE INFORMATION CONTACT: Steve Sun, 974-3383; Gary Kosut, 974-3374; Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: N/A

PURCHASING: Best qualification statement of eleven received.

MBE / WBE: 22% MBE and 20% WBE subconsultant participation.

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 and accurate automated drainage infrastructure mapping and data management system. The Waller Creek watershed was chosen to pilot the mapping system. The current project is an extension of the Watershed Protection and Development Review Department's pilot Drainage Infrastructure Mapping project that was completed in May 2002. 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.

Level of effort analyses for a City-wide drainage infrastructure data collection and mapping project were performed by the 2002 pilot project. The consultant estimated the cost of a City-wide project to be \$10 million. Implementation of the City-wide project will be conducted in phases subject to funding approval and technical success.

The subject project will focus on data collection and geographical information systems (GIS) mapping for the existing drainage infrastructure within the Austin Central Business District (CBD). The CBD covers the area from MLK Blvd. to Oltorf Street and from Loop 1 to Chicon Street with an area of approximately 10.7 square miles. The selected consultant will collect field data and historical file records and map all existing drainage infrastructure data within the CBD. The drainage infrastructure consists of storm drains, inlets, manholes, pipes and junctions, outfalls, culverts, ditches, and ponds that comprise the drainage system.



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This authorization provides for funding of services for CBD area only. It is anticipated that the cost of this data collection and mapping project will not exceed \$340,000. As additional funding is being planned for future phases of this project, additional authorizations may be submitted for Council approval to amend this professional service agreement to provide continuous engineering services. The total amount of this service agreement plus future amendments with this recommended firm will be limited to \$1 million.

This request allows for the development of a professional services agreement with the recommended firm. Should the City be unsuccessful in negotiating a satisfactory agreement with the recommended firm, negotiations will cease with that firm. Staff will then return to Council and request authorization to begin negotiations with the alternate recommendation listed below.

Participation subgoals stated in the solicitation were 1.7% African-American, 9.5% Hispanic, 4.7% Asian-American, and 14.2% WBE. The recommended and alternate firms both provided M/WBE Compliance Plans, which were approved by the Department of Small and Minority Business Resources.

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to two hundred seventeen (217) firms on April 6, 2004. The RFQ was obtained by fifty-seven (57) firms, and eleven (11) firms submitted qualification statements. One of the firms was a certified M/WBE firm. Of the eleven (11) firms evaluated, four (4) firms were short-listed and interviewed. Interviewing of the short-listed firms results in the following recommendation:

RECOMMENDED FIRM: - WATERSHED CONCEPTS, AUSTIN, TX- Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>20.00%</u>
Watershed Concepts, Austin, TX	20.00%
 <u>MBE TOTAL – SUBCONSULTANTS</u>	 <u>22.00%</u>
 <u>African American Subtotal</u>	 <u>3.00%</u>
(MB) HVJ Associates, Inc., Austin, TX (civil engineering)	3.00%
 <u>Hispanic Subtotal</u>	 <u>12.00%</u>
(MH) Jaster-Quintanilla & Assoc., Inc., Austin, TX (civil engineering)	12.00%
 <u>Asian American Subtotal</u>	 <u>7.00%</u>
(MA) Raymond Chan & Assoc., Inc., Austin, TX (civil engineering)	7.00%
 <u>WBE TOTAL – SUBCONSULTANTS</u>	 <u>20.00%</u>
(FR) McGray & McGray Land Surveyors, Inc., Austin, TX (surveying)	20.00%
 <u>NON M/WBE TOTAL – SUBCONSULTANTS</u>	 <u>38.00%</u>
ESP Associates, P.A., Fort Mill, SC (surveying)	38.00%



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ALTERNATE RECOMMENDATION: - PARSONS WATER & INFRASTRUCTURE, INC.,
AUSTIN, TX - Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>69.90%</u>
Parsons Water & Infrastructure, Inc., Austin, TX	69.90%

<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>15.90%</u>
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<u>African American Subtotal</u>	<u>1.70%</u>
(MB) HVJ Associates, Inc., Austin, TX (traffic control planning)	1.70%

<u>Hispanic Subtotal</u>	<u>9.50%</u>
(MH) Martinez, Wright & Mendez, Inc., Austin, TX (surveying)	9.50%

<u>Asian American Subtotal</u>	<u>4.70%</u>
(MA) Raymond Chan & Assoc., Inc., Austin, TX (research and data collection)	4.70%

<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>14.20%</u>
(FH) Kurkjian Engineering Corp., Austin, TX (field data acquisition)	14.20%

CIP BUDGET FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:

29-Jul-04

WHERE ON AGENDA:

DEPARTMENT:

Watershed Protection & Development Review

Description: Authorize negotiation and execution of a professional services agreement with WATERSHED CONCEPTS, AUSTIN, TX, for professional engineering services for the Drainage Infrastructure Geographical Information System Data Acquisition project, in an amount not to exceed \$340,000.

FINANCIAL INFORMATION:

Project Name:	GIS FIELD DATA
Project Authorization:	2003-2004 Amended Capital Budget
Funding Source:	Drainage Utility Fund
Fund/Agency/Orgn:	4850-617-2008

Total Current Appropriation	\$350,000.00
Unencumbered Balance	\$340,750.00
Amount of this Action	<u>(\$340,000.00)</u>
Remaining Balance	<u><u>\$750.00</u></u>

Financial Approval: _____ Date: _____

**Public Works Department
Evaluation of Consultant Qualifications**

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Composite

Received:

Monday, May 17, 2004

EVALUATION MATRIX

Project:

Drainage Infrastructure GIS (DIG) Data Acquisition

Project Manager:

Steve Sun, P.E.

Firm (or Joint Venture)	Item 1 [Yes or No] Minority Owned and Controlled Firm	Item 2 [Yes or No] Prior Firm's EEO Program	Item 3 [25] Experience of Project Manager(s) Successful (%)	Item 4 [15] Experience and Availability of Project Staff	Item 5 [15 w/subs] [30 w/o subs] Firm's Complete Project Experience	Item 6 [15 w/subs] [10 w/o subs] Subconsultant Firm's Complete Project Experience	Item 7 [9] Team's Experience with Similar Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] CQA Experience with Prior Projects	(100) SUB TOTAL	Item 10 [25] Overall Evaluation	(125) TOTAL POINTS
Waterford Concepts	Y	Y	19.8	12	12.8	11.2	6.6	13.6	11	84.02	21.62	105.60
Parsons Water & Infrastructure, Inc.	Y	Y	19.2	12.4	12	11.6	7.2	10.4	11	83.80	20.80	104.60
Lockwood Andrews & Newnam, Inc.	Y	Y	19	12	11.4	11.4	7	9.8	11	81.62	15.80	97.40
URS Corporation	Y	Y	18.4	11.6	11.6	11.2	7.4	9.5	11	81.00	17.80	98.80
Western Solutions	Y	Y	18.4	11.8	11.4	10.8	7.2	9.4	11	80.602		80.000
Carter & Burgess, Inc.	Y	Y	18.2	11.4	11.2	9.8	6.8	9.6	11	78.000		78.000
PBS&J, Inc.	Y	Y	15.4	11	11	10.8	6.6	9.6	11	76.600		76.600
Stinkey & Barbard, Inc.	Y	Y	16.6	10.6	9.6	10.2	6.8	8.2	11	73.000		73.000
Rainaldi & Baur, Inc.	Y	Y	16.2	9.4	9.4	5	6.2	8.2	11	69.400		69.400
Chantech Engineering (MBE/MH)	N	Y	0	0	0	0	0	0	0	0.000		0.000
Suncon, Inc.	N	Y	0	0	0	0	0	0	0	0.000		0.000

7/2/2004

DIG04 Project Location



ATTACHMENT 1