



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

**AGENDA ITEM NO.: 17
AGENDA DATE: Thu 03/23/2006
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SUBJECT: Authorize negotiation and execution of a professional services agreement with HDR ENGINEERING, INC., Austin, TX, for engineering services for design, bid and construction phase support for the Fort Branch Watershed Management Area Reach 6 and 7-Truelight Area and Eleanor Drive in an amount not to exceed \$650,000.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2005-2006 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 **AUTHORIZATION:** Sondra Creighton
and Development
Review;

FOR MORE INFORMATION CONTACT: Morgan Byars, 974-9790; Felix Benavides, 974-7027;
Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: N/A

PURCHASING: Best qualification statement of 10 Statements of Qualification received.

MBE / WBE: 17.7% MBE and 15.0% WBE subcontractor participation.

The City of Austin Watershed Protection and Development Review Department has completed a comprehensive preliminary engineering study to prioritize integrated solutions related to flooding, erosion and water quality in the Lower Fort Branch Watershed Management Area (WMA). The study is identified as "Lower Fort Branch Creek Watershed Management Area Integrated Solutions" (HDR, December 2004).

The engineer shall gather necessary site data, perform final engineering analyses, develop a final integrated plan, compile a final design report and construction documents, secure necessary permits, and provide bid and construction phase services. Data collection will include topographic survey; location of easements, property boundaries, and existing utilities; geotechnical borings and sediment samples; and environmental assessment. The engineering analyses shall be performed to refine the project plan and finalize design parameters for the project. The additional analyses may include but are not limited to hydrologic and hydraulic modeling, conveyance system sizing (channels, bridge/culverts and storm drain systems), erosion stability and sediment transport analysis, geotechnical analysis in support of the design elements for the project. Analysis related to water quality retrofits to storm drain systems is also required. The engineer will develop a final recommended plan and develop detailed cost estimates and implementation schedule. The results of the data collection, engineering analyses and final plan development will be compiled in a final design report. The engineer shall facilitate all permitting activities, for which the process should be initiated early in the project schedule. The engineer shall develop construction plans and specifications with input from COA staff and there shall be milestone



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design plan reviews with Watershed engineering staff at the 30%, 60%, 90% and 100% design levels.

This authorization is anticipated to cover design, bidding, and construction phase services. No additional authorization is anticipated.

This request allows for the development of a professional service 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.

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to 243 firms on December 5, 2006. The RFQ was obtained by 49 firms, and 10 firms submitted qualification statements. Two of the firms were certified M/WBE firms. The evaluation of the submittals of 10 results in the following recommendation.

Participation subgoals stated in the solicitation were 1.7% African American (MB); 9.5% Hispanic (MH); 4.7% Asian Americans (MA); 14.2% WBE. Both the recommended and alternate firms provided M/WBE Compliance Plans that met the goals of the solicitation and were approved by the Department of Small and Minority Business Resources.

RECOMMENDED FIRM: HDR ENGINEERING, INC., AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME	63.10%
HDR Engineering, Inc., Austin, TX	63.10%
MBE TOTAL – SUBCONSULTANTS	17.70%
African American Subtotal	1.70%
(FB) Group Solutions RJW, Austin, TX (communications, public consulting)	1.08%
(MB) Turner Graphics, Austin, TX (computer assisted, design services, drafting services)	0.62%
Hispanic Subtotal	11.00%
(MH) Jose Guerra, Inc., Austin, TX (structural, civil engineering)	11.00%
Asian American Subtotal	5.00%
(MA) Raymond Chan and Associates, Inc., Austin, TX (hydrological services, civil engineering)	5.00%
WBE TOTAL – SUBCONSULTANTS	15.00%
(FR) Holt Engineering, Inc., Austin, TX (geo-soils, testing, hydrologic studies, lab & field testing)	3.85%
(FR) Glenrose Engineering, Austin, TX (environmental)	1.15%



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(FR) Landmark Surveying, Austin, TX (surveying, mapping services) 10.00%

NON M/WBE TOTAL – SUBCONSULTANTS 4.20%

Geosolutions, Inc., Austin, TX (geotechnical soils, civil engineering, designing) 4.20%

ALTERNATE FIRM: RAYMOND CHAN & ASSOCIATES, INC., AUSTIN, TX – Total Participation:

M/WBE TOTAL – PRIME 59.60%

(MA) Raymond Chan & Associates, Inc., Austin, TX 59.60%

MBE TOTAL – SUBCONSULTANTS 13.20%

African American Subtotal 1.70%

(MB) HVJ Associates, Inc., Austin, TX (geotechnical-soils) 1.70%

Hispanic Subtotal 9.50%

(MH) Martinez, Wright & Mendez, Inc., Austin, TX 9.50%
(surveying-not aerial or research)

Asian American Subtotal 2.00%

(MA) Frank Lam & Associates, Inc., Austin, TX (structural) 2.00%

WBE TOTAL – SUBCONSULTANTS 14.20%

(FR) Hicks & Company, Inc., Austin, TX 8.00%
(environmental consulting-incl. sustainability)

(FR) Holt Engineering, Inc., Austin, TX (geotechnical-soils) 4.20%

(FA) Group Solutions RJW, Austin, TX 2.00%
(communications, public relations consulting, community development consulting)

NON M/WBE TOTAL – SUBCONSULTANTS 13.00%

URS Corporation, Austin, TX (qa/qc for overall project) 3.00%

Mainstream Restoration Inc., Austin, TX (erosion assessment, natural channel design) 5.00%

Alan Plummer Associates, Inc., Austin, TX 5.00%
(land use studies, natural channel design, environmental engineering)

CIP BUDGET FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:

23-Mar-06

WHERE ON AGENDA:

DEPARTMENT:

Watershed Protection & Development Review

Description: Authorize negotiation and execution of a professional services agreement with HDR ENGINEERING, INC., Austin, TX, for engineering services for design, bid and construction phase support for the Fort Branch Watershed Management Area Reach 6 and 7-Truelight Area and Eleanor Drive in an amount not to exceed \$650,000.

FINANCIAL INFORMATION:

Project Name:	Ft Branch WMA Reaches 6& 7
Project Authorization:	2005-2006 Approved Capital Budget
Funding Source:	Drainage Utility Fund
Fund/Agency/Orgn:	4850-617-6421

Total Current Appropriation	\$715,000.00
Unencumbered Balance	\$704,632.16
Amount of this Action	<u>(\$650,000.00)</u>
Remaining Balance	<u>\$54,632.16</u>

Financial Approval: _____

Date: 02/28/06

**Public Works Department
Evaluation of Consultant Qualifications**

Composite

Received:

January 9, 2005

Project:

Fort Branch Watershed Management Area Reach 6 & 7 - Truettlight Area and Eleanor Drive

EVALUATION MATRIX

Project Manager:

Morgan Byars

Firm (or Joint Venture)	Item 1 [Yes or No] MWBE Goals met or G.F.E.	Item 2 [Yes or No] Prime Firm's EEO Program	Item 3 [24] Experience of Project Manager (10) Engineer (8) Principal (6)	Item 4 [15] Experience and Availability of Proposed Staff	Item 5 [15 w/subs] [30 w/o subs] Prime Firm's Comparable Project Experience	Item 6 [15 w/subs] [0 w/o subs] Subconsultant Firm's Comparable Project Experience	Item 7 [8] Team's Experience with Austin Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	Item 10 [100] SUB TOTAL	Item 10 [25] Optional Interview	Item 10 [125] TOTAL POINTS
HDR Engineering, Inc. Raymond Chan & Associates, Inc. (MBE/MA)	Yes	Yes	20	12.6	13.6	12.6	7.2	10.8	11	87.8		87.8
PBS&J	Yes	Yes	18.8	10.8	12.2	12.6	7.2	10.8	11	83.4		83.4
Camp Dresser & McKee (CDM)	Yes	Yes	18.8	11.4	12.8	12.2	7	10	11	83		83
Carter & Burgess, Inc.	Yes	Yes	18.6	9.6	12.2	10.6	6.8	9	11	77.8		77.8
Klotz Associates, Inc.	Yes	Yes	16.8	10.4	11.8	10.8	7.2	9.6	11	77.2		77.2
Earth Tech, Inc.	Yes	Yes	14.6	9.8	10.8	12.2	7.2	9.6	11	75.2		75.2
Vickery & Associates, Inc (WBE/FR)	Yes	Yes	15.2	10.8	10.4	11.2	6.6	8.6	11	73.8		73.8
C Faulkner Engineering, LP	Yes	Yes	15.6	9.8	8.4	11	6.8	8.6	11	71.2		71.2
Dannenbaum Engineering Co.	Yes	Yes	11.8	8.8	7.6	9.4	6.4	7.8	11	63.8		63.8
Non-responsive	Yes	Yes	0	0	0	0	0	0	0	0		0