



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA07-272**

1. Agenda Item Number: 40
2. Council Meeting Date: June 14, 2007

TO: MAYOR & COUNCIL

3. Date Prepared: May 24, 2007

THROUGH: CITY MANAGER

4. Requesting Department: Public Works

5. SUBJECT: Award of a professional services contract to Stantec Consulting for Survey Benchmark Verification and Restoration, Project No. EN0714-101, in an amount not to exceed \$38,448.

6. RECOMMENDATION: Staff recommends that Council award a professional services contract to Stantec Consulting for Survey Benchmark Verification and Restoration, Project No. EN0714-101, in an amount not to exceed \$38,448.

7. BACKGROUND/DISCUSSION: This contract will provide for visits to all 56 published benchmark locations, verification of those currently described as destroyed or not found, and setting of new benchmarks per City standards as required. Horizontal and vertical locations will be tied to current City of Chandler datum and all new benchmark information will be updated in the City's Horizontal and Vertical Control Base List. The City's base list was last updated in May 2003. This project is important to ensure the horizontal (coordinate) and vertical (elevation) data shown on plans is accurate; all improvement plans submitted to the City must reference an approved City benchmark. Missing or disturbed benchmarks have caused design and field issues and additional survey costs for projects.

8. EVALUATION: On July 27, 2006, Council approved the extension of an annual survey contract, Number EN0414-101, to Stantec Consulting, to provide land title surveys, right-of-way easement surveys for acquisition and documentation boundary surveys, topographic and mapping surveys, satellite-based control surveys, miscellaneous property line location surveys, and the preparation of legal descriptions and exhibits. Staff has reviewed the survey fees for this contract and determined that the fee is consistent with similar types of projects.

9. FINANCIAL IMPLICATIONS:

Cost: \$38,448
Savings: N/A
Long Term Costs: N/A

Fund Source:

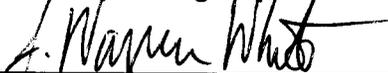
<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
101.3020.5219	General Fund	N/A	N/A	\$38,448

10. PROPOSED MOTION: Move that Council award a professional services contract to Stantec Consulting for Survey Benchmark Verification and Restoration, Project No. EN0714-101, in an amount not to exceed \$38,448, and authorize the Mayor to sign the contract documents.

ATTACHMENTS: None

APPROVALS

11. Requesting Department


Warren White, Senior Engineer

13. Department Head


Daniel W. Cook, Acting Public Works Director

12. City Engineer


Sheina Hughes, Acting Assistant Public Works Director/City Engineer

14. City Manager


W. Mark Pentz

**PROJECT AGREEMENT
PURSUANT TO ANNUAL CONTRACT NO. EN0414-101**

AGREEMENT NO: EN0714-101

This AGREEMENT is made this _____ day of _____, 2007, by and between the City of Chandler, a municipal corporation (hereinafter referred to as "CITY") and Stantec Consulting, Inc., an Arizona corporation (hereinafter referred to as "Annual Consultant") and is a project agreement entered into pursuant to Annual Contract No. EN0414-101.

CITY and Stantec Consulting, Inc., in consideration of the mutual covenants herein set forth, agree as follows:

ARTICLE 1. DESCRIPTION OF WORK

This project is Survey Benchmark Verification and Update, Project Number EN0714-101. The scope of work consists of verifying, resetting or re-establishing City benchmarks, all as more particularly set forth in Exhibit A attached hereto and incorporated herein by reference.

The Annual Consultant shall not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment and signed by the Contract Administrator.

ARTICLE 2. CONTRACT PRICE

CITY shall pay Annual Consultant for completion of the Work in accordance with the Contract Documents a fee not to exceed Thirty Eight Thousand Four Hundred Forty Eight Dollars (\$38,448) determined and payable as set forth in Annual Contract EN0414-101 and Exhibit B attached hereto and made a part hereof by reference.

ARTICLE 3. CONTRACT TIME

The contract time is One Hundred Twenty days and Annual Consultant agrees to complete all work within One Hundred Twenty (120) days of the date CITY issues a Notice to Proceed.

ARTICLE 4. GENERAL

This Project Agreement is entered into pursuant to Annual Contract No. EN0414-101 and the terms and conditions contained therein are incorporated herein by reference as if set forth in full.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first written above.

This Agreement will be effective on this _____ day of _____, 2007.

CITY OF CHANDLER

FOR THE ANNUAL:

By: _____

Title: _____

MAYOR

DATE:

ADDRESS FOR NOTICE
City of Chandler
P.O. Box 4008, Mail Stop 407
Chandler, AZ 85244-4008
480-782-3307

ADDRESS FOR NOTICE
Mr. Jerry Chamberlin
Stantec Consulting, Inc.
8211 S. 48th St.
Phoenix, AZ 85044

APPROVED AS TO FORM:

Phone: 602-438-2200
Fax: 602-431-9562

ATTEST:

City Attorney By: _____

City Clerk

**EXHIBIT A
SCOPE OF WORK**

Annual Consultant shall visit all 56 published benchmark locations and re-verify the 16 locations currently described as destroyed or not found.

For all locations requiring a new benchmark, Annual Consultant shall determine a new location in the nearby area suitable for either setting a new benchmark (brass cap and sign) per City standards, or utilizing an existing brass cap nearest to the old location.

Annual Consultant shall ensure horizontal and vertical (GPS) locations are tied to current City of Chandler datum. All new benchmark updates shall be added to the current manual (last revised in May, 2003). Annual Consultant shall provide new benchmark, including new locations and descriptions, updates in hard copy and electronic.

**EXHIBIT B
FEE SCHEDULE**

2-person GPS Crew	192 hrs @ \$157/hr=	\$30,144
RLS	24 hrs @ \$122/hr=	\$2,928
CADD Technician	56 hrs @ \$84/hr=	\$4,704
Materials		<u>\$672</u>
		\$38,448

(\$2,403 per each new benchmark)