

**MEMORANDUM
DEPARTMENT OF FACILITY SERVICES
COUNTY OF PLACER**

To: **BOARD OF SUPERVISORS**

Date: **JULY 26, 2011**

From:  **JAMES DURFEE / JOEL SWIFT** 

Subject: **PLACER COUNTY GOVERNMENT CENTER UTILITIES AND
INFRASTRUCTURE SURVEY, PROJECT NO. 4761**

ACTION REQUESTED / RECOMMENDATION: Approve the First Amendment to the Consultant Services Agreement with West Yost Associates, Inc. for the Placer County Government Center Utilities and Infrastructure Survey, Project No. 4761, located in north Auburn and authorize the Chairman of the Board to execute the First Amendment, increasing the contract by \$24,788 for a total contract cost not-to-exceed \$174,511.

BACKGROUND: On May 18, 2010, your Board approved a Consultant Services Agreement with West Yost Associates, Inc. (WYA) to inventory the location and condition of water lines, water valves, sewer lines, sewer manholes, the storm water system, and gas and electric utility lines and meters. That phase of work is now complete. The work performed under the proposed First Amendment, by WYA, is intended to calculate the current water flows within the Placer County Government Center for domestic, irrigation and fire sprinkler systems, project the future water flow requirements for future building construction and provide alternative solutions to improve the system.

In order to proceed, it is requested that your Board approve the attached First Amendment to the Consultant Services Agreement with WYA, in an amount not-to-exceed \$24,788.

ENVIRONMENTAL CLEARANCE: This project is exempt from the California Environmental Quality Act pursuant to Section 15306 – that provides for the collection of data.

FISCAL IMPACT: There are sufficient funds appropriated in the Capital Projects Fund project account for these services.

ATTACHMENT: WYA AMENDMENT1 – PLACER COUNTY GOVERNMENT CENTER UTILITY INFRASTRUCTURE SURVEY

JD:JS:RU:RLV:SH

CC: COUNTY EXECUTIVE OFFICE
PROCUREMENT SERVICES

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CONTRACT NO. _____

FIRST AMENDMENT TO AGREEMENT FOR
ENGINEERING SERVICES WITH WEST YOST ASSOCIATES INC.
A CALIFORNIA CORPORATION

THIS FIRST AMENDMENT MADE AND ENTERED into this ___ day of _____, 2011, by and between the COUNTY OF PLACER, hereinafter referred to as "COUNTY", a political subdivision of the State of California, and WEST YOST ASSOCIATES, INC., hereinafter referred to as "CONSULTANT".

WITNESSETH:

WHEREAS, on the 18TH day of May, 2010, the COUNTY and CONSULTANT entered into a contract for the purpose of providing Engineering Services for the COUNTY for Placer County Government Center Utility Infrastructure Survey – Placer County Government Center; and

WHEREAS, COUNTY and CONSULTANT have agreed to additional services to be provided to COUNTY by CONSULTANT under the Contract and the compensation to be paid therefore,

NOW, THEREFORE, it is hereby agreed by the parties, as follows:

1. **Paragraph 1. Services:** The first sentence shall be deleted and replaced in its entirety with: "Subject to the terms and conditions set forth in the Agreement, Consultant shall provide the services described in Exhibit A and Exhibit A1-Amended Scope of Services in the manner therein specified.
2. **Paragraph 2. Payment:** The last sentence shall be deleted, and replaced in its entirety with: "The total amount payable for all services provided under this Agreement, including Additional Services, shall not exceed **One Hundred Seventy Four Thousand Five Hundred Eleven and no/100 Dollars (\$174,511.00)** including the First Amendment of Twenty-Four Thousand Seven Hundred Eighty-Eight and no/100 (\$24,788.00), without the prior written approval of the County."
3. **Exhibit A "SCOPE OF SERVICES":** Exhibit A shall be amended to include Exhibit A1 "AMENDED SCOPE OF SERVICES - FIRST AMENDMENT".
4. **Exhibit B "PAYMENT FOR SERVICES RENDERED":** Exhibit B shall be replaced in its entirety with the attached Exhibit B "AMENDED SCOPE OF SERVICES - FIRST AMENDMENT".
5. All other terms and conditions in the Agreement shall remain unchanged and in full force and effect.

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

COUNTY OF PLACER:

BY: _____ DATE: _____
CHAIRMAN,
BOARD OF SUPERVISORS

CONSULTANT: WEST YOST ASSOCIATES, INC.

BY: _____ DATE: _____
NAME: JOHN GOODWIN
TITLE: PRINCIPAL

ADDRESS: 2020 RESEARCH PARK DRIVE, SUITE 100
DAVIS, CA 95618

APPROVED AS TO FORM

APPROVED AS TO FUNDS

BY: _____
COUNTY COUNSEL

BY: _____
AUDITOR

EXHIBIT A-1
AMENDED SCOPE OF SERVICES – FIRST AMMENDMENT

Task 6. Collect and Review Data

Subtask 6.1 – Meeting. Conduct a kick off meeting with County staff to review project coordination issues and requirements. Review scope of work and project objectives.

Subtask 6.2 – Collect and Review Data. Review the mapping data collected for the water system. Develop a list of additional data required for hydraulic modeling such as pipeline material and age and operational standards. Discuss fire flow requirements with the Fire Marshall.

Task 7. Prepare Hydraulic Model

Subtask 7.1 – Convert CAD Linework to Hydraulic Model. Prepare and convert existing AutoCAD water system layers into hydraulic model pipelines and facilities. Populate the hydraulic model facilities with data including elevations, diameters, roughness coefficients, and operating parameters.

Subtask 7.2 – Demand Allocation. Calculate approximate demand usage and allocate to hydraulic model demand junctions.

Task 8. System Evaluation

Subtask 8.1 – Evaluate Existing System Scenario. Use the hydraulic model developed in Task 2 to evaluate the existing operating system. The evaluation will include an approximation of the available fire flow and pressure at various locations throughout the system.

Subtask 8.2 – Evaluate System Improvement Options. Recommend alternatives to improve existing conditions based on the Subtask 3.1 evaluation. The evaluation may include possible changes to PCWA and/or NID system connections, storage options, and pipeline improvements.

Subtask 8.3 – Prepare TM of Results. Prepare technical memorandum summarizing the existing system evaluation results, system improvement options, and system improvements results.

**EXHIBIT B – FIRST AMENDMENT
PAYMENT FOR SERVICES RENEDEDERED**

Payment to Consultant shall be made by the County on an hourly basis in accordance with the schedule attached hereto as Exhibit B-1.

Consultant shall be paid by County monthly as work progresses, not to exceed the amount below for the identified tasks.

Consultant shall submit invoices monthly for work performed. Provided the work has been satisfactorily performed, County shall pay invoices within thirty (30) days after approval of the invoice. Consultant shall provide such additional information as the County may request to verify any of the amounts claimed for payment in any invoice.

The invoices shall also include a spreadsheet that shows task budgets, charges by task for the current invoice, cumulative charges to date by task, and percent of budget remaining by task

The total amount payable for each task shall not exceed the amount set forth below/on Exhibit B-1; provided, however, upon written request of the Consultant and with written approval of the Placer County Director of Facility Services, the County may adjust the amount to be paid for any task if the County deems it necessary and appropriate. However, the total amount payable for all services provided under this Agreement, including additional services, shall not exceed **One Hundred Seventy Four Thousand Five Hundred Eleven and no/100 Dollars (\$174,511.00)**.

TASK:	COST
1. Description: Review Existing Information	\$ <u>6,688.00</u>
2. Description: Field Surveying	\$ <u>81,371.00</u>
3. Description: Supplemental Field Surveying	\$ <u>4,202.00</u>
4. Description: Develop Utility Mapping	\$ <u>46,902.00</u>
5. Description: Supplemental Utility Mapping	\$ <u>2,560.00</u>
6. Collect and Review Water System Mapping Data	\$ <u>2,608.00</u>
7. Prepare Hydraulic Model	\$ <u>3,284.00</u>
8. System Evaluation	\$ <u>11,954.00</u>
Total Basic Fee:	\$ <u>161,511.00</u>

This contract allows for additional work as necessary on the prior written approval from the Placer County Director of Facility Services in the maximum amount of \$ 13,000.00.

