

PROFESSIONAL SERVICES

- 25. Approve Amendment #1 to Work Order #29 – Lake Mary Boulevard Left Turn Lanes Extension Project – PS-5165-04/AJR – Master Agreement for Continuing Professional Services for Public Works Minor Construction Projects under \$1 Million – to Keith and Schnars, PA of Altamonte Springs (\$1,423.00)**

Work Order #29 provides for engineering services for the design, permitting, and preparation of roadway construction plans for the Lake Mary Boulevard left turn lane extensions at Lake Emma Road, Lake Mary Centre, and Sun Drive. Amendment #1 will provide for additional subsurface soil exploration and geotechnical engineering evaluation within the vicinity of the Lake Mary Centre intersection where obstructing debris was previously found during the initial geotechnical evaluation.

The following is a summary of the cost of Work Order #29:

Original Work Order	\$49,962.69
Add Amendment #1	<u>\$ 1,423.00</u>
Revised Work Order Sum	\$51,385.69

Funds are available in account number 077541.560680, CIP #00191644. Public Works Department/Engineering Division and Fiscal Services Department/Purchasing and Contracts Division recommend that the Board approve the request and authorize the Purchasing and Contracts Manager to execute the amendment.

WORK ORDER AMENDMENT

Board of County Commissioners
SEMINOLE COUNTY, FLORIDA

Amendment Number: 1
Work Order Number: 29

Master Agreement No.: PS-5165-04/AJR Dated: November 9, 2004

Contract Title: Master Agreement for Continuing Professional Services for Public Works Minor
Construction Projects under \$1 Million.

Project Title: Lake Mary Boulevard Left Turn Lanes Extension Project

Consultant: Keith and Schnars, Inc.
Address: 385 Center Pointe Circle Suite 1303
Altamonte Springs, FL 32701

ATTACHMENTS TO THIS AMENDMENT: ☐ drawings/plans/specifications
☒ scope of services
☐ special conditions
☐

In consideration of the mutual understandings and agreements contained herein, the parties agree Work Order Number 29 dated November 9, 2005 is amended as follows:

The Consultant shall be compensated an additional ONE THOUSAND FOUR HUNDRED TWENTY THREE AND NO/100 (\$1,423.00) DOLLARS for the additional scope of services attached. This Work Order through this amendment shall not exceed a total amount of FIFTY-ONE THOUSAND THREE HUNDRED EIGHTY-FIVE AND 69/100 (\$51,385.69) DOLLARS. These additional services provided by the Consultant shall be completed by September 30, 2006. Failure to meet the completion date may be grounds for Termination for Default.

Except as herein modified, all terms and conditions of this Work Order shall remain in full force and effect for the term of this Work Order as originally set forth in said Work Order.

IN WITNESS WHEREOF, the parties hereto have made and executed this Amendment on this _____ day of _____, 2006, for the purposes stated herein.

(THIS SECTION TO BE COMPLETED BY THE COUNTY)

Keith and Schnars, Inc.

ATTEST:

, Secretary
(CORPORATE SEAL)

By: _____, President

Date: _____

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA

WITNESSES:

(Contracts Analyst)

By: _____
Ray Hooper, Purchasing & Contracts Manager

Date: _____

(Contracts Analyst)

As authorized by Section 330.3, Seminole
County Administrative Code.

ON # _____

WORK ORDER AMENDMENT

TERMS AND CONDITIONS

- a) Except as herein modified, all terms and conditions of the cited original Work Order (as previously amended, if applicable) shall remain in full force and effect for the term of the Work Order as originally set forth in said Work Order.
- b) In accordance with the Master Agreement, which states that any amendments shall be valid only when expressed in writing and duly signed by the parties, the parties desire to amend the cited Work Order as indicated.
- c) The Scope of Services attached to the cited Work Order is modified as provided in the attached Exhibit "A" which is incorporated by this reference.
- d) The CONSULTANT shall provide said services pursuant to this Amendment, the cited Work Order (as further amended, if applicable), its Attachments, and the cited Master Agreement (as amended, if applicable) which are incorporated herein by reference as if they had been set out in their entirety.
- e) It is expressly understood by the CONSULTANT that this Amendment, until executed by the COUNTY, does not authorize any changes to the cited Work Order and that the COUNTY, prior to its execution of the Amendment, reserves the right to cancel the Amendment without penalty if it is determined that to do so is in the best interest of the COUNTY.
- f) The CONSULTANT shall sign the Amendment first and the COUNTY second. This Amendment becomes effective and binding upon execution by the COUNTY and not until then. A copy of this Amendment will be forwarded to the CONSULTANT upon execution by the COUNTY.



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

January 17, 2006
Proposal File No. 06-60-018
Reference File No. 05-6872

Keith & Schnars, P.A.
385 Center Pointe Circle
Suite 1303
Altamonte Springs, Florida 32701

Attention: Mr. Don Graham, P.E.

Subject: Proposal for Additional Subsurface Soil Exploration and
Geotechnical Engineering Evaluation
Relative to Proposed Lake Mary Boulevard
Turn Lane Extension Project
Seminole County, Florida

Dear Mr. Graham:

As requested, we are pleased to present the following proposal for conducting additional subsurface soil exploration and geotechnical engineering evaluation for the subject project.

Ardaman & Associates recently conducted a Subsurface Soil Exploration and Geotechnical Engineering Evaluation for the subject project as presented in our report dated January 6, 2005 (A&A File No. 05-6872). Subsequent to our exploration, site plans were made available for our review. Our review of the plans indicate that several of the borings were performed outside of the "footprint" of the proposed extension areas. Further, we understand that turn lanes 1, 2, and 3 will be extended an additional approximate 40 feet, and that the proposed extensions for turn lanes 4 and 5 will be eliminated.

In addition, our previous exploration indicated that Borings HAB-1 and HAB-4 (turn lanes 2 and 3) performed in the vicinity of the Lake Mary Centre intersection encountered an obstruction/debris buried at approximate depths ranging from 1.5 to 2.5 feet below the existing ground surface.

The purpose of this proposed additional exploration and evaluation is to further explore the subsurface conditions within the proposed turn lane extension areas and to attempt to verify whether the obstruction/debris encountered in our previous exploration is within the proposed extension areas.

The following summarizes our proposed scope of work and associated fees for conducting the subject exploration.

FIELD EXPLORATION

We propose to conduct 4 additional hand auger borings within the turn lane extension areas. The auger borings will be drilled using a hand-held 3-inch diameter bucket auger to a depth of 5 feet below the existing ground surface. Representative portions will be sealed and packaged for

transportation to our laboratory for further analysis as required. Water level observations will be made in the boreholes during the drilling operation.

In addition, hand probes will be conducted in the vicinity of turn lanes 2 and 3 to explore whether the buried obstruction/debris encountered in our previously exploration encroaches into the extension area "footprint".

ENGINEERING ANALYSIS AND REPORT

Engineering analysis of all data obtained during our previous exploration, and all data obtained during the proposed additional exploration, will be made to evaluate general subsurface conditions. The results of our evaluation will be submitted in a written report upon conclusion of the study.

We note that if buried obstructions/debris is encountered within the "footprint" of the extension areas, an attempt will be made to explore the horizontal limits within the extension areas only. We note that test pits would likely be required to determine the nature and the depths of the obstruction/debris, if encountered.

COST ESTIMATE

The costs associated with the aforementioned tasks are estimated as follows. The total cost will not be exceeded without prior authorization.

Stake Borings and Coordinate Utility Locations with Sunshine State One-Call By Senior Technician; 2 hours @ \$60.00/hr	\$120.00
Senior Project Manager; 1 hour @ \$115.00/hr.	\$115.00
Assistant Project Engineer; 6 hours @ \$90.00/hr.	\$540.00
Senior Technician to Perform Hand Augers and Probes; 8 hours @ \$60.00/hr.	\$480.00
Technical Draftsman; 2 hours @ \$42.00/hr.	\$84.00
Technical Secretary; 2 hours @ \$42.00/hr.	<u>\$84.00</u>
TOTAL	\$1,423.00

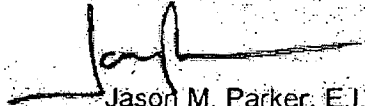
TERMS AND CONDITIONS

This proposal is subject to the following terms and conditions: (1) access to boring locations is to be readily available, (2) the proposed number of borings and the boring depths will be adequate, and (3) Ardaman & Associates will not take responsibility for damages to underground structures and/or services that are not located by Sunshine State One-Call.

CLOSURE

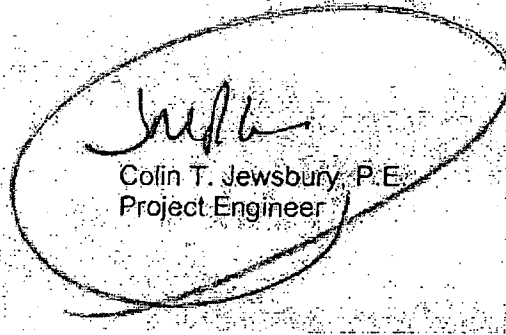
We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If this proposal meets with your approval, please indicate your acceptance by signing and returning the attached Proposal/Project Acceptance sheet. Please call if you have any questions or require additional information.

Very truly yours,
ARDAMAN & ASSOCIATES, INC.



Jason M. Parker, E.I.
Assistant Project Engineer

JMP/CTJ/nfm/ksb
0660-01dpp.wpd (2006 PP)



Colin T. Jewsbury, P.E.
Project Engineer