

RECEIVED
CONTRACT MANAGEMENT

WORK AUTHORIZATION # 1429-WA01
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
RFQ/BID NO. NC09-016

2009 JUN 25 AM 11:05

Consultant:	Universal Engineering Sciences
Contract Number:	CM1429
Contact Name:	Adam G. Kirk, E.I., Project Engineer
Contact Number:	904-296-0757
Email:	

CURRENT WORK AUTHORIZATION			
Project Short Title: Geotechnical Exploration for the new Fire Station #60			
CONTRACT OVERVIEW			
Date Submitted	05/21/09	Total of Previous Authorizations	\$0.00
Amount	\$2,937.00	This Work Authorization	\$2,937.00
Scheduled Completion	4 Weeks from NTP	Current Contract Total	\$2,937.00

This Work Authorization is to the AGREEMENT between Nassau County and the Consultant known as the Continuing Contract for Professional Engineering Services for Nassau County, Florida, dated May 13, 2009. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

Universal Engineering Sciences (UES) shall perform geotechnical exploration to obtain information concerning subsurface conditions on the proposed site for the new Fire Station #60. Scope of services to be performed is further described in the attached UES Proposal No. 2009J-421 dated 05/21/09.

ARTICLE 2. Time Schedule

UES will initiate the geotechnical studies within 7 days of notification to proceed with the field work to be completed in one to two days. Written reports will be available within four weeks after authorization to proceed.

ARTICLE 3. Budget

UES will complete the geotechnical exploration and engineering services for a lump sum fee of \$2,937.00.

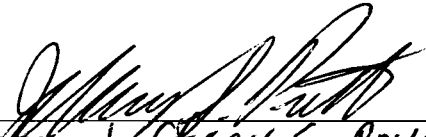
Article 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the AGREEMENT referenced above and any of its attachments or schedules. This Work Authorization will become a part of the referenced AGREEMENT when executed by both parties.


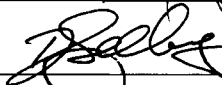
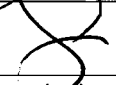
In presenting this Work Authorization, Consultant agrees that:

Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed scope of services are attached.

AGREED TO BY:

BY: 
Print Name: Jeffrey S. Pruett
Title: V.P.
Date: 6/23/09

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Project Manager :  6/26/09
Contract Manager : Charlotte Young 6/26/09
County Attorney: N/A
Director of Office of Management & Budget:  6/30/09
County Coordinator
(as designee for the Nassau County Board of County Commissioners)  6/30/09

APPROVED by the BOARD OF COUNTY COMMISSIONERS, or designee, the ____ day of _____, 2009.



UNIVERSAL ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Engineering •
Construction Materials Testing • Threshold Inspection • Private Provider Inspection

RECEIVED
CONTRACT MANAGEMENT

2009 MAY 29 AM 8:00

Offices In:

- Atlanta, GA
- Clermont/Leesburg, FL
- Daytona Beach, FL
- DeBary, FL
- Fort Myers, FL
- Fort Pierce, FL
- Gainesville, FL
- Jacksonville, FL
- Miami, FL
- Ocala, FL
- Orlando, FL
- Palm Coast, FL
- Panama City, FL
- Pensacola, FL
- Rockledge, FL
- Sarasota, FL
- Tampa, FL
- West Palm Beach, FL

May 21, 2009

Nassau County Engineering Services
96161 Nassau Place
Yulee, Florida 32097

Attention: Ms. Charlotte Young

Subject: **PROPOSAL FOR A GEOTECHNICAL EXPLORATION**
Nassau County Fire Station
Nassau County, Florida
UES Proposal No. 2009J-421

Dear Ms. Young:

As requested, Universal Engineering Sciences (Universal) is pleased to provide this proposal to perform the geotechnical exploration and engineering services for the proposed fire station.

PROJECT INFORMATION

Project information was provided in a May 21, 2009 email from you. We were provided with an undated site survey. Based on the provided project information, it is our understanding that a new fire station is proposed adjacent to the existing volunteer fire station with an approximate footprint of 7,000 sq. ft. We were not provided with detailed loading information, however based on similar projects and our experience, we assume maximum load bearing wall and column loads will not exceed 5 klf and 70 kips, respectively. We assume elevating fill heights will not exceed 2 feet to reach final site grades. It is assumed that the site is accessible to our truck mounted drill rig.

PROPOSED GEOTECHNICAL EXPLORATION

The objective of the geotechnical exploration is to obtain information concerning subsurface conditions on this site in order to make engineering evaluations and recommendations.

Field Exploration – We propose to perform four (4) Standard Penetration Test (SPT) borings to depths of 20 feet each within the footprint of the proposed building, and four (4) auger borings to depths of 6 feet each within the proposed pavement area.

Laboratory Testing – Laboratory classification and index property tests will be performed as necessary on selected soil samples obtained from the exploration. The testing will be performed to better define the materials encountered in the exploration to determine their strength/compressibility characteristics and their suitability for use in the proposed construction.

Engineering Services - A geotechnical engineer, registered in the State of Florida, will direct the geotechnical exploration and provide an engineering analysis and evaluation of the site and subsurface conditions with respect to the planned construction and imposed loading conditions. The results of the recommended exploration and engineering study will be presented in a report containing the following:

1. A brief discussion of our understanding of the proposed construction and imposed loading conditions.
2. A presentation of the field and laboratory test procedures used and the data obtained.
3. A presentation of the subsurface conditions including subsurface profiles, estimated seasonal high groundwater, and estimated geotechnical engineering properties (as necessary).
4. A geotechnical engineering evaluation of the site and subsurface conditions with respect to the proposed construction.
5. Recommendations on foundation design including our estimate of the performance the foundation system.
6. Recommendations for flexible and rigid pavement design.

COMPENSATION FOR SERVICES

Based on the scope of the geotechnical exploration, the proposed laboratory investigation, and the engineering services outlined above, we propose to complete the geotechnical exploration and engineering services for a lump sum fee of **\$2,937.00**. We will contact you immediately if we encounter subsurface conditions which could require (1) the borings to be performed to deeper depths, (2) additional borings or other field testing, and/or (3) additional engineering analysis/evaluation and studies outside the scope of this proposal.

UES will contact Sunshine State One Call of Florida to identify public utilities within the area and up to the appropriate meters. Furthermore, UES should be provided with all readily available project site information regarding underground utility or service lines, and buried structures. Our office can not be held responsible for damage to buried service lines and/or structures that are not identified to our field personnel.

SCHEDULING AND AUTHORIZATION

We can initiate the geotechnical studies within 7 days of notification to proceed with the field work to be completed in one to two days. As soon as all field and laboratory tests have been completed and reviewed by the geotechnical engineer, verbal results and recommendations can be provided upon request. The written reports should then be available within four weeks after authorization to proceed.




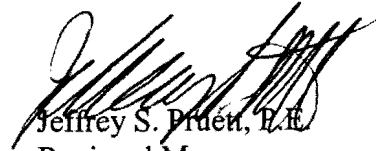
We have included a short form authorization agreement. In order to authorize these services, please execute this document and return one copy to our office.

We appreciate this opportunity to provide this proposal to perform the geotechnical exploration for this project. If you have any questions concerning this proposal or if we can serve you in any other way, please contact us.

Sincerely,

UNIVERSAL ENGINEERING SCIENCES, INC.


Adam G. Kirk, E.I.
Project Engineer


Jeffrey S. Pruett, E.E.
Regional Manager





NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
76347 Veterans Way
Suite 4000
Yulee, FL 32097

THIS NUMBER MUST APPEAR ON ALL INVOICES,
PACKAGES AND SHIPPING PAPERS.

Purchase
Order #

09000655-00

STATE SALES TAX CERTIFICATION NUMBER:

55-04-005905-53C

FEDERAL IDENTIFICATION NUMBER:

59-1863042

V
e
n
d
o
r

UNIVERSAL ENGINEERING SCIENCES, INC
P. O. BOX 550050

TAMPA, FL 33655-0050

S
h
i
p
t
o

NASSAU COUNTY FIRE/RESCUE
96135 NASSAU PLACE

YULEE, FL

32097

Date Ordered	Vendor Number	Date Required	Freight Method Terms	Department/Location	
06/24/09	006697			FIRE DEPT-AMELIA ISLAND	
Item #	Description Part No.	Unit/Qty	Cost Each	Extended Price	
001	ES-066 GEOTECHNICAL SERVICES	1.0 EA	1060.00000	1,060.00	
	68223522.562300.ST60			1,060.00	
002	GEOTECHNICAL DRILL SERVICE	1.0 EA	1472.00000	1,472.00	
	68223522.562300.ST60			1,472.00	
003	GEOTECHNICAL LAB TESTING	1.0 EA	405.00000	405.00	
	68223522.562300.ST60			405.00	
			PO Total	2,937.00	

RECEIVED IN GOOD ORDER

BY: _____

DATE _____

Vendor Invoice #

Voucher #



UNIVERSAL ENGINEERING SCIENCES

5561 Florida Mining Blvd. So., Jacksonville, FL 32257
Phone: 904.296.0757 / Fax: 904.296.0748

INVOICE

Remit To: P.O. Box 917400, Orlando, FL 32891-7400

July 16, 2009

Project No: 0930.0900056.0000

Invoice No: 0041900

Ms. Charlotte Young
Nassau County Engineering Dept.
96161 Nassau Place
Yulee, FL 32097
USA

Project 0930.0900056.0000 Nassau Co Fire Dept - Bryceville, FL

Location 8236 US 301
Bryceville, FL

Professional Services through July 31, 2009

Unit Billing

Report of Geotechnical Exploration

1.0 l.s. @ 2,937.00

2,937.00

Total Units

2,937.00

2,937.00

Total this Invoice

\$2,937.00

We appreciate your business!

Invoice questions - contact Adam Kirk - 904-295-0757

2009 JUL 21 AM 7:59

CONTRACT MANAGEMENT

Remittance Address: PO BOX 917400, Orlando, FL 32891-7400