WORK AUTHORIZATION # CM1831-WA08 NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

Consultant:	GAI Consultants, Inc.
Contract Number:	CM1831
Contact Name:	Samuel T. Ramirez, PE
Contact Number:	904-363-1110 Ext. 2006
Email:	S.Ramirez@gaiconsultants.com

	CURRENT WO	RK AUTHORIZATION			
Project Short Title: Lif	t Station No. 1 Rehabili	tation Project			
		CONTRACT OVERVIEW			
Date Submitted	09-18-2014	Total of Previous Authorizations	\$319,195.00		
Amount	\$58,580.00	This Work Authorization	\$58,580.00		
Scheduled Completion	4 months from NTP	Current Contract Total	\$377,775.00		

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 March 21, 2012. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

GAI will provide design, bid and post design engineering services for Lift Station No.1 (LS#1) Replacement. GAI will confirm, with NAU assistance, the existing pump performance curve to find a similar replacement submersible pump. GAI will provide a bypass plan to maintain level of service. All work shall be performed in accordance with the Scope of Services detailed in Exhibit "A"

ARTICLE 2. Time Schedule

GAI anticipates completion of the project with 4 months of the issuance of the Notice to Proceed.

ARTICLE 3. Budget

The total lump sum fee is \$58,580.00 (Exhibit B). Fees do not include permitting or related fees.

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.

WORK AUTHORIZATION # CM1831-WA08 NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

Consultant: GAI Consultants, Inc.					
Contract Number:	CM1831				
Contact Name:	Samuel T. Ramirez, PE				
Contact Number:	904-363-1110 Ext. 2006				
Email:	S.Ramirez@gaiconsultants.com				

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In presenting this Work Authorization, Consultant agrees that:

Unless detailed herein, all drawings, data, electronic files and other information r Work Authorization has been accepted by Consultant. Specifically, all electronic reviewed and accepted for the purposes of this Work assignment. Any additional including detailed scope of services are attached.	files h	ave been
AGREED TO BY: BY: Print Name: Kevin R. Leadbett Title: Assistant vice Presid Date: 9/26/14		
RECOMMENDED AND APPROVED BY NASSAU COUNTY:		
Public Works Director: Scott Herring, Director).	
Board of County Commissioner, Chair: Barry V. Holloway, Chairman		7
Ex-Officio Clerk: John A. Crawford		
Approved as to form: David A. Hallman Mollie M. Gar	rrett,	Esq.
APPROVED by the BOARD OF COUNTY COMMISSIONERS, the 15th day 0ctober, 2014.	of	
Acct.#: 71500585-563551 WWLS		
ATTESTATION: Only to Authenticity as to Chairman's Signature: John A. Crawford, Ex-Officio Clerk	7114 SEP 29 A ID: 38	RECEIVED NASSAU COUNTY ENGINEERING SERVICES DEPARTMENT

EXHIBIT "A" SCOPE OF SERVICES LIFT STATION NO. 1 REPLACEMENT NASSAU COUNTY, FLORIDA

I. BACKGROUND

NAU's Capital Improvement Program fiscal year (FY) 2014-2015 has identified the following project:

1. Lift Station No. 1 Replacement

These projects are necessary to continue meeting NAU's level of service. The listed infrastructures have exceeded their design life cycles. Visual inspections of these infrastructures showed high level of deterioration caused by the exposure to hydrogen sulfide over the years.

II. Scope of Services

General Scope

GAI will provide design, bid and post design engineering services for Lift Station No. 1 (LS#1) Replacement. GAI will confirm with NAU assistance the existing pump performance curve to find a similar replacement submersible pump. GAI will provide a bypass plan to maintain level of service.

Task 1: Data Collection and Review

- 1. Collect the pump performance curves for LS#1. Collect motor horsepower and efficiency. In case, the pump performance curve is not available. GAI will ask NAU staff to get the model and serial number of the pump and motor. GAI will use this information to contact the pump manufacturer for requesting the pump performance curve. If this option fails, GAI will ask NAU staff to perform a pump performance test to measure pressure and flow.
- 2. Collect recorded plans for the existing lift station.
- 3. Created the system total dynamic head curve versus up to three pump performance curves.

Task 2: Topographic Survey

- 1. GAI will complete the topographic and limited property boundary survey necessary to prepare survey base mapping for the lift station site.
- 2. GAI will survey and map all site improvements in the vicinity of the existing pump stations with sufficient coverage to include proposed site improvements.
- 3. All evident planimetric and topographic features will be surveyed and mapped.
- 4. The contour interval will be 1 foot on NAD83 horizontal datum and NAVD 88 vertical datum.
- 5. Underground utilities will be shown to the extent possible based on surface evidence, maps of record and vertical surveying of under stormwater and sanitary sewer system.
- 6. Property lines and roadway rights of way will be shown based on tax current mapping, property line evidence and maps of record. Mapping will be provided at an appropriate scale for design and will be completed in AutoCAD Civil 3D.

Task 3: 30% Submittal (Basis of Design)

- 1. Prepare and submit 30% design plans and specification. The 30% submittal will include:
 - Technical Specifications list including major mechanical equipment with three manufactures

- Demolition Plans (Mechanical, Structural and Electrical/Instrumentation)
- Bypass Plan
- Site Plan
- Mechanical Plan and Sections
- 2. Meet with NAU to review 30% submittal

Task 4: Geotechnical Exploration (See Exhibit C)

- 1. After defining location and depth of the wetwell, GAI will authorize the geotechnical subconsultant, Universal Engineering Sciences, Inc. (Universal), to conduct a soil boring at 30 feet deep with a contingency fee to extend the boring to a depth of 60 feet.
- 2. Universal will prepare and submit a geotechnical report with foundation recommendations for the wet well

Task 5: 60% Submittal

- 1. Incorporate NAU's 30% submittals comments
- 2. Prepare and submit 60% plan and specifications. The 60% submittal will include:
 - Technical Specifications draft
 - Demolition Plans (Mechanical, Structural and Electrical/Instrumentation)
 - Bypass Plan
 - Site Plan
 - Mechanical Plan and Sections
 - Structural Plan and Sections
 - Electrical and Instrumentation Plans
 - Details and Standard Details
- 3. FDEP Permit determination meeting (it took place August 28, 2014)
- 4. Meet with NAU to review 60% submittal

Task 6: Final (100%) Submittal

- 1. Incorporate NAU's 60% submittal comments
- 2. Prepare and submit final (100%) construction bid documents
- 3. Meet with NAU to review submittal and incorporate NAU's 100% submittal comments
- 4. Prepare Opinion of Probable Construction Cost (OPC)

Task 7: Permitting

- 1. Prepare and submit the Florida Department of Environmental Protection (FDEP) construction permit application including the design report.
- 2. Response to up to two requests for additional information (RAIs) from FDEP
- 3. Prepare and submit the Nassau County for development review of project.
- 4. Response to review comments from Nassau County development review
- 5. NAU pays all permit fees

Task 8: Bidding Services

- 1. Attend mandatory Pre-Bid meeting and site visit.
- 2. Create mandatory Pre-Bid meeting minutes
- 3. Answer questions throughout the bidding period
- 4. Create addenda
- 5. Review bids and create an award letter recommendation
- 6. Conform bid documents to contract construction documents

Task 9: Post Design Services

- 1. Attend Pre-construction meeting
- 2. Review shop-drawing submittals
- 3. Answer requests for information (RFIs)
- Conduct up to three (3) site visits, four hours per visit (Not-To-Exceed Amount). This activity must be authorized by NAU
- Review Contractor's As-Built records
- 6. Review Operation and Maintenance (O&M) Manual

Assumptions and exclusions:

- Environmental Resource Permitting (FDEP/St. Johns River Water Management District),
 Submerged Land Lease, and Wetland Permitting will not be required. It is assumed that FDEP wastewater collection permit (F.A.C. 62-604.300(8)(a)) are the only permit required with the exception of building permits.
- Design services for emergency power to the Lift Station #1 are excluded
- Subsurface Underground Engineering (SUE) is excluded in this scope.

Deliverables will be:

- Three (3) hard copies and one PDF of the TM
- Three (3) copies of drawings (11x17) and specifications for 30%, 60%, and 100% (final) submittal
- One hard copy of drawing (22x34) for final submittal
- One PDF digital copy of the final submittal

III. PROJECT SCHEDULE

From the date of the Notice-to-Proceed provided for each project, GAI anticipates completion of the project within the specified period as follows:

1. Lift Station No. 1 Replacement: 4 Months

IV. FEE

The total lump sum fee is \$58,580.00. Fees do not include permitting or related fees.

EXHIBIT B - BUDGET LIFT STATION NO. 1 REPLACEMENT	POSITION	Engineering Manager	Lead Engineer	Designer	2-person Survey Crew/hour	Expenses	HOURS/ TASK	TOTAL FEE/ TASK
	RATE	\$ 161.69	\$ 135.04	\$ 86.40	\$ 130.36	5		
Project 1: Lift Station No. 3 Replacement and Capacity Upgrade								
1 Data Collection and Review		3	16	13		159.38	32	\$ 3,923.13
2 Topographic Survey					16	80.00	16	\$ 2,165.76
3 30% Submittal (Basis of Design)		9	48	38		478.13	96	\$ 11,769.40
4 Geotechnical Exploration (Subconsultant: Universal)						2,030.00		\$ 2,030.00
5 60% Submittal		9	48	38		478.13	96	\$ 11,769.40
6 Final (100%) Submittal		9	48	38		478.13	96	\$ 11,769.40
7 Permitting		4	14	1		95.00	19	\$ 2,718.72
8 Bidding Services		6	28	4		190.00	38	\$ 5,286.86
9 Post Design Services		4	32		1	180.00	36	\$ 5,148.04
9.4 3 Site Visits (Not-To-Exceed Amount)		12				60.00	12	\$ 2,000.28
PROJECT 1 LABOR FEE PROJECT 1 HOURS PROJECT 1 LUMP SUM	440		\$ 31,599.36 234	\$ 11,491.20 133	\$ 2,085.76 16	\$ 4,228.75 -	440	\$ 58,580.98 \$ 58,580.00
TOTAL PROJECT LABOR FEE TOTAL PROJECT HOURS TOTAL PROJECT LUMP SUM	440	\$ 9,175.91 57	\$ 31,599.36 234	\$ 11,491.20 133	\$ 2,085.76 16	\$ 4,228.75 -	440	\$ 58,580.98 \$ 58,580.00

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

September 17, 2014

GAI Consultants 1301 Riverplace Boulevard - Suite 900 Jacksonville, Florida 32207

Attention:

Mr. MJ Chen. P.E.

Subject:

PROPOSAL FOR A GEOTECHNICAL EXPLORATION

NAU Pump Station #1Replacement

Amelia Island, Florida

UES Proposal No. 2014J-556

Dear Mr. Chen:

As requested, Universal Engineering Sciences (UES) is pleased to provide this proposal to perform the geotechnical exploration and engineering services for the subject site.

PROJECT INFORMATION

Project information was provided to us in a recent conversation with you. We understand that the proposed project will consist of a pump station with a diameter of ten feet. The bottom of the pump station will be approximately eighteen feet below the existing grade.

PROPOSED GEOTECHNICAL EXPLORATION

The objective of the geotechnical exploration is to provide sufficient site and subsurface information to evaluate the subsurface conditions at the site with respect to the proposed construction.

<u>Field Exploration</u> – Based on our understanding of the project information, as requested, we propose to perform one (1) Standard Penetration Test (SPT) boring to a depth of 30 feet. We will include a contingency fee to extend the boring to a depth of 60 feet if necessary. The boring will be sampled continuously in the upper 10 feet followed by sampling at 5-foot centers to the boring termination depth.

<u>Laboratory Testing</u> — 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.

Offices In:

Daytona Beach, FL
Fort Myers, FL
Galnesville, FL
Jacksonville, FL
Leesburg, FL
Mami, FL
Norcross, GA
Ocala, FL
Orange City, FL
Palm Coast, FL
Panama City, FL
Pensacola, FL

Rockledge, FL
 Sarasola, FL

<u>Engineering Services</u> - 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 planned construction and imposed loads.
- 2. A presentation of the field and laboratory test procedures used and the data obtained.
- 3. A presentation of the existing on-site conditions, such as topography, surface vegetation, etc.
- A presentation of the subsurface conditions including subsurface profiles, estimated seasonal high groundwater, and estimated geotechnical engineering properties (as necessary).
- 5. A geotechnical engineering evaluation of the site and subsurface conditions with respect to the planned pump station construction
- 6. Recommendations for foundation design parameters.
- 7. Recommendations for site preparation and earthwork construction

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 \$1,730.00. We propose a contingency fee of an additional \$300.00 to extend the boring to a depth of 60 feet if subsurface conditions warrant. We will contact you immediately if we encounter subsurface conditions which could require (1) the borings to be performed to a deeper depth, (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 5 to 7 days of receiving written notification to proceed with the field work to be completed in one day subsequent to all necessary utility locates being cleared. As soon as all field and laboratory tests have been completed and reviewed by the



geotechnical engineer, verbal results and recommendations can be provided. The written reports should then be available within three 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.

Respectfully submitted,

UNIVERSAL ENGINEERING SCIENCES, INC.

Stephen R. Weaver, P.E.

Geotechnical Services Manager

SRW/srw



UNIVERSAL ENGINEERING SCIENCES

WORK AUTHORIZATION / PROPOSAL ACCEPTANCE FORM

Universal Engineering Sciences, Inc. (UES) is pleased to provide the services described below. The purpose of this document is to describe the terms under which the services will be provided and to obtain authorization.

PROJECT	ΓNAME:	NAU Pump Station #1Replacem	ent	No. 1944 Control of Co				
PROJECT	LOCATION:	Amelia Island, Florida						
		GAI Consultants						
CLIENT NAME: CLIENT ADDRESS:		Attention: Mr. MJ Chen	· · · · · · · · · · · · · · · · · · ·	DATE:	September 17, 2014			
		1301 Riverplace Boulevard - Sui Jacksonville, Florida 32207	PHONE NO.: EMAIL:	904-363-1110 s.ramirez@gaiconsultant				
		I. Scope of Services and	l Understand	ing of Project				
:		As Shown in UES (A	Proposal No. ttached)	2014J-556				
		Lump Sum Fe Contingency F						
A. B. C. In th	UES General Condit UES Proposal Dated Plans, reports, specif Other exhibits marked e event of any incond d above shall govern	: September 17, 2014 The contract of the contr	the Client price	or to this Agreement da	ate.			
If the	e above invoice is to	be mailed for approval to someone other	han the accou	nt charged, please indic	cate where below:			
Firm:		Federa	Security No. o					
Attention:				Title:				
IN WITNESS	S WHEREOF, the pa	rties have caused this agreement to be exe	cuted by their	duly authorized repres	entatives			
CLIENT			_ universal engineering sciences, inc.					
BY (Signatu	ıre)	BY (Si	gnature)) (h				
PRINTED 1	NAME	PRINT	ED NAME _	Stephen R. Weaver	r, P.E.			
TITLE	***	TITLE	_	Geotechnical Servi	ces Manager			
DATE		DATE		September 17, 201	4			

RETURN EXECUTED COPIES TO
UNIVERSAL ENGINEERING SCIENCES, INC.
5561 FLORIDA MINING BOULEVARD SOUTH, JACKSONVILLE, FLORIDA 32257-3648
TELEPHONE: 904.296.0757 / FAX: 904.296.0748



Universal Engineering Sciences, Inc. GENERAL CONDITIONS

SECTION 1: RESPONSIBILITIES

- 1.1 **Universal Engineering Sciences, Inc., ("UES"), has the responsibility for providing the services described under the Scope of Services section. The work is to be performed according to accepted standards of care and is to be completed in a timely manner. The term "UES" as used herein includes all of Universal Engineering Sciences, Inc's agents, employees, professional staff, and subcontractors.
- 1.2 The Client or a duly authorized representative is responsible for providing UES with a clear understanding of the project nature and scope. The Client shall supply UES with sufficient and adequate information, including, but not limited to, maps, site plans, reports, surveys and designs, to allow UES to properly complete the specified services. The Client shall also communicate changes in the nature and scope of the project as soon as possible during performance of the work so that the changes can be incorporated into the work product.
 1.3 The Client acknowledges that UES's responsibilities in providing the services described under the Scope of Services section is limited to those
- 1.3 The Client acknowledges that UES's responsibilities in providing the services described under the Scope of Services section is limited to those services described therein, and the Client hereby assumes any collateral or affiliated duties necessitated by or for those services. Such duties may include, but are not limited to, reporting requirements imposed by any third party such as federal, state, or local entities, the provision of any required notices to any third party, or the securing of necessary permits or permissions from any third parties required for UES's provision of the services so described, unless otherwise agreed upon by both parties.
- PURSUANT TO FLORIDA STATUTES §558.0035, ANY INDIVIDUAL EMPLOYEE OR AGENT OF UES MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

SECTION 2: STANDARD OF CARE

- 2.1 Services performed by UES under this Agreement will be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of UES's profession practicing contemporaneously under similar conditions in the locality of the project. No other warranty, express or implied, is made.
- 2.2 The Client recognizes that subsurface conditions may vary from those observed at locations where borings, surveys, or other explorations are made, and that site conditions may change with time. Data, interpretations, and recommendations by UES will be based solely on information available to UES at the time of service. UES is responsible for those data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed.
- 2.3 Execution of this document by UES is not a representation that UES has visited the site, become generally familiar with local conditions under which the services are to be performed, or correlated personal observations with the requirements of the Scope of Services. It is the Client's responsibility to provide UES with all information necessary for UES to provide the services described under the Scope of Services, and the Client assumes all liability for information not provided to UES that may affect the quality or sufficiency of the services so described.
- 2.4 Should UES be retained to provide threshold inspection services under Florida Statutes §553.79, Client acknowledges that UES's services thereunder do not constitute a guarantee that the construction in question has been properly designed or constructed, and UES's services do not replace any of the obligations or liabilities associated with any architect, contractor, or structural engineer. Therefore it is explicitly agreed that the Client will not hold UES responsible for the proper performance of service by any architect, contractor, structural engineer or any other entity associated with the project.

SECTION 3: SITE ACCESS AND SITE CONDITIONS

- 3.1 Client will grant or obtain free access to the site for all equipment and personnel necessary for UES to perform the work set forth in this Agreement.

 The Client will notify any and all possessors of the project site that Client has granted UES free access to the site. UES will take reasonable precautions to minimize damage to the site, but it is understood by Client that, in the normal course of work, some damage may occur, and the correction of such damage is not part of this Agreement unless so specified in the Proposal.
- The Client is responsible for the accuracy of locations for all subterranean structures and utilities. UES will take reasonable precautions to avoid known subterranean structures, and the Client waives any claim against UES, and agrees to defend, indemnify, and hold UES harmless from any claim or liability for injury or loss, including costs of defense, arising from damage done to subterranean structures and utilities not identified or accurately located. In addition, Client agrees to compensate UES for any time spent or expenses incurred by UES in defense of any such claim with compensation to be based upon UES's prevailing fee schedule and expense reimbursement policy.

SECTION 4: SAMPLE OWNERSHIP AND DISPOSAL

- 4.1 Soil or water samples obtained from the project during performance of the work shall remain the property of the Client.
- 4.2 UES will dispose of or return to Client all remaining soils and rock samples 60 days after submission of report covering those samples. Further storage or transfer of samples can be made at Client's expense upon Client's prior written request.
- 4.3 Samples which are contaminated by petroleum products or other chemical waste will be returned to Client for treatment or disposal, consistent with all appropriate federal, state, or local regulations.

SECTION 5: BILLING AND PAYMENT

- 5.1 UES will submit invoices to Client monthly or upon completion of services. Invoices will show charges for different personnel and expense classifications.
- 5.2 Payment is due 30 days after presentation of invoice and is past due 31 days from invoice date. Client agrees to pay a finance charge of one and one-half percent (1 ½ %) per month, or the maximum rate allowed by law, on past due accounts.
- 5.3 If UES incurs any expenses to collect overdue billings on invoices, the sums pald by UES for reasonable altorneys' fees, court costs, UES's time, UES's expenses, and interest will be due and owing by the Client.

SECTION 6: OWNERSHIP AND USE OF DOCUMENTS

- 6.1 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, as instruments of service, shall remain the property of UES.
- 6.2 Client agrees that all reports and other work furnished to the Client or his agents, which are not paid for, will be returned upon demand and will not be used by the Client for any purpose.
- 6.3 UES will retain all pertinent records relating to the services performed for a period of five years following submission of the report, during which period the records will be made available to the Client at all reasonable times.
- All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, are prepared for the sole and exclusive use of Client, and may not be given to any other party or used or relied upon by any such party without the express written consent of UES.

SECTION 7: DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS

- Cilent warrants that a reasonable effort has been made to inform UES of known or suspected hazardous materials on or near the project site.
- 7.2 Under this agreement, the term hazardous materials include hazardous materials (40 CFR 172.01), hazardous wastes (40 CFR 261.2), hazardous
- substances (40 CFR 300.6), petroleum products, polychlorinated biphenyls, and asbestos.
 Hazardous materials may exist at a site where there is no reason to believe they could or should be present. UES and Client agree that the 7.3 discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work. UES and Client also agree that the discovery of unanticipated hazardous materials may make it necessary for UES to take immediate measures to protect health and safety. Client agrees to compensate UES for any equipment decontamination or other costs incident to the discovery of unanticipated
- 7.4 UES agrees to notify Client when unanticipated hazardous materials or suspected hazardous materials are encountered. Client agrees to make any disclosures required by law to the appropriate governing agencies. Client also agrees to hold UES harmless for any and all consequences of disclosures made by UES which are required by governing law. In the event the project site is not owned by Client, Client recognizes that it is the Client's responsibility to inform the property owner of the discovery of unanticipated hazardous materials or suspected hazardous materials.
- Notwithstanding any other provision of the Agreement, Client walves any claim against UES, and to the maximum extent permitted by law, agrees to defend, indemnify, and save UES harmless from any claim, liability, and/or defense costs for injury or loss arising from UES's discovery of 7.5 unanticipated hazardous materials or suspected hazardous materials including any costs created by delay of the project and any cost associated with possible reduction of the property's value. Client will be responsible for ultimate disposal of any samples secured by UES which are found to be contaminated.

SECTION 8: RISK ALLOCATION

Client agrees that UES's liability for any damage on account of any breach of contract, error, omission or other professional negligence will be limited to a sum not to exceed \$50,000 or UES's fee, whichever is greater. If Client prefers to have higher limits on contractual or professional liability, UES agrees to increase the limits up to a maximum of \$1,000,000.00 upon Client's written request at the time of accepting our proposal provided that Client agrees to pay an additional consideration of four percent of the total fee, or \$400.00, whichever is greater. The additional charge for the higher liability limits is because of the greater risk assumed and is not strictly a charge for additional professional liability insurance.

UES represents and warrants that it and its agents, staff and consultants employed by it, is and are protected by worker's compensation insurance and that UES has such coverage under public liability and property damage insurance policies which UES deems to be adequate. Certificates for all such policies of insurance shall be provided to Client upon request in writing. Within the limits and conditions of such insurance, UES agrees to indemnify and save Client harmless from and against loss, damage, or liability arising from negligent acts by UES, its agents, staff, and consultants employed by it. UES shall not be responsible for any loss, damage or liability beyond the amounts, limits, and conditions of such insurance or the limits described in Section 8, whichever is less. The Cilent agrees to defend, indemnify and save UES harmless for loss, damage or liability arising from acts by Client, Client's agent, staff, and other UESs employed by Client.

SECTION 10: DISPUTE RESOLUTION

- All claims, disputes, and other matters in controversy between UES and Client arising out of or in any way related to this Agreement will be submitted to alternative dispute resolution (ADR) such as mediation or arbitration, before and as a condition precedent to other remedies provided by law, including the commencement of litigation.
- 10.2 If a dispute arises related to the services provided under this Agreement and that dispute requires litigation instead of ADR as provided above, then:
 - the claim will be brought and tried in judicial jurisdiction of the court of the county where UES's principal place of business is located and (a)
 - Client waives the right to remove the action to any other county or judicial jurisdiction, and
 The prevailing party will be entitled to recovery of all reasonable costs incurred, including staff time, court costs, attorneys' fees, and (b) other claim related expenses.

SECTION 11: TERMINATION

- This agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, UES shall be paid for services performed to the termination notice date plus reasonable termination expenses.
- In the event of termination, or suspension for more than three (3) months, prior to completion of all reports contemplated by the Agreement, UES may complete such analyses and records as are necessary to complete its files and may also complete a report on the services performed to the 11.2 date of notice of termination or suspension. The expense of termination or suspension shall include all direct costs of UES in completing such analyses, records and reports.

SECTION 12: ASSIGNS
12.1 Neither the Client nor UES may delegate, assign, sublet or transfer their duties or interest in this Agreement without the written consent of the other

SECTION 13. GOVERNING LAW AND SURVIVAL

- The laws of the State of Florida will govern the validity of these Terms, their interpretation and performance.
- If any of the provisions contained in this Agreement are held illegal, invalld, or unenforceable, the enforceability of the remaining provisions will not 13.2 be impaired. Limitations of liability and indemnities will survive termination of this Agreement for any cause.

SECTION 14. INTEGRATION CLAUSE

- This Agreement represents and contains the entire and only agreement and understanding among the parties with respect to the subject matter of this Agreement, and supersedes any and all prior and contemporaneous oral and written agreements, understandings, representations, Inducements, promises, warranties, and conditions among the parties. No agreement, understanding, representation, inducement, promise, warranty, or condition of any kind with respect to the subject matter of this Agreement shall be relied upon by the parties unless expressive Incorporated herein.
- 14.2 This Agreement may not be amended or modified except by an agreement in writing signed by the party against whom the enforcement of any modification or amendment is sought.