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NASSAU COUNTY, FLORIDA

15 NOV 13 AM 10:23 WORK AUTHORIZATION # CM1831-WA09
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS

15 NOV -6 AM 11:05

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 WORK AUTHORIZATION			
Project Short Title: Post Design and CEI Services for Manhole 5A Emergency Replacement Project			
CONTRACT OVERVIEW			
Date Submitted	09-18-2014	Total of Previous Authorizations	\$377,755.00
		Change Orders/Adjustment	(79,475)
Amount	\$30,426.00	This Work Authorization	\$30,426.00
Scheduled Completion		Current Contract Total	\$407,406.25

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 post design and construction engineering inspection services for the Manhole 5A emergency replacement project. All work shall be performed in accordance with the Scope of Services detailed in Exhibit "A"

ARTICLE 2. Time Schedule

GAI will provide services during construction. Contract time for the construction contract is estimated at 60 days.

ARTICLE 3. Budget

Not-to-Exceed Limited Amount \$30,426.00.


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:

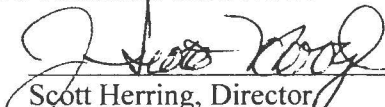
Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed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

AGREED TO BY:

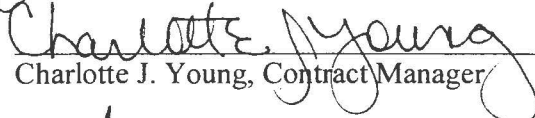
BY: 
Print Name: Kevin R. Leadbetter
Title: Vice President
Date: 11/3/2015

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Public Works Director:

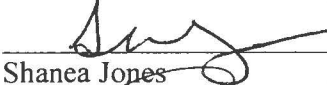

Scott Herring, Director

Contract Management:


Charlotte J. Young, Contract Manager

Office of Management & Budget:

2/1/15


Shanea Jones

County Manager:


Ted Selby

APPROVED by the designee for the BOARD OF COUNTY COMMISSIONERS, the 12th day of November, 2015.

ACCOUNT NO.: 71500535-563351 MHR

EXHIBIT "A"
SCOPE OF SERVICES
MH 5A EMERGENCY REPLACEMENT PROJECT
NASSAU COUNTY, FLORIDA

I. BACKGROUND

GAI Consultants, Inc. (GAI) is to provide post design and construction inspection services during the construction of MH 5A.

II. SCOPE OF SERVICES (Not-to-Exceed Limited Amount)

General Scope:

GAI will provide resident inspection services to check the quality of work, but will not be responsible for the means, methods, techniques, sequences, or procedures of the construction selected by the contractor(s) or the safety precautions and programs incidental to the work of the contractor(s).

III. INSPECTION REQUIREMENTS

1. **Site Inspections** – The inspector will be on site verifying that the project is constructed in accordance with the contract documents.
2. **MOT** – The inspector will check for compliance on the maintenance of traffic by the General Contractor (GC). It will inform the COUNTY if the GC fails to meet MOT requirements.
3. **NPDES Inspections** – Immediately following each rainfall event of ½" or greater, the inspector will inspect all erosion/sedimentation control measures, direct the contractor to repair or replace damaged erosion/sedimentation.
4. **Authority** – The County gives the inspector the authority to require the contractor to correct all work not in compliance with the approved COUNTY requirements. If the contractor refuses or fails to take the required corrective action, the Inspector shall immediately notify the COUNTY.
5. **Testing** – The inspector will be responsible for selecting locations for compaction and density testing and assuring that all required testing is performed in accordance with requirements/specifications for locations and frequency.
6. **Inspector Logs** – The inspector shall maintain an inspection log throughout the duration of construction. This log shall be on forms provided by the GC. Entries shall include but not be limited to the following:
 - Location and description of construction operations taking place at time of inspection
 - Specific information regarding inspection/acceptance of all project materials
 - Information on construction problems and directions given to the contractor to resolve the problems
 - Summaries of conversations with the COUNTY personnel regarding changes to the approved contract.

On days where there is no construction or no construction requiring inspection, the daily log should note either that there was no activity or list the operations that were taking place (per the contractor) and state "No inspection required".

7. **Substantial Completion** – COUNTY shall be notified 7 calendar days in advance of the substantial completion inspection in order to allow COUNTY agencies time to make arrangements to participate.

Following the Substantial Completion inspection, a copy of the punch list of items to be completed along with a list of the persons attending the inspection shall be faxed to each of the above agencies. Substantial Completion shall be in accordance with the Nassau County contract documents.

8. **Final Documentation** – Consultant shall make a final inspection to determine if the Project has been fully completed in substantial accordance with the Contract Documents and whether the contractor has fulfilled all of its obligations there under so that the Consultant may recommend approval, in writing, of final payment to the contractor. Prior to COUNTY acceptance of the project, the Inspector will turn over the following documents:
 - Original Inspector’s Logs
 - All test reports for the project (including those tests that failed)

IV. POST DESIGN SERVICES

1. **Request for Information (RFI)** – GAI will respond to RFIs and prepare change orders.
2. **Shop Drawing Review** – GAI will review shop drawings.
3. **Site visits during constructions** – GAI will visit the site up two visits at COUNTY request to assist or clarify any constructability issues.

V. SCHEDULE

GAI will provide, as needed, the above described services during construction. Contract time for the construction contract is estimated at **60 days**, per the contract documents. The CEI Services as part of this contract will begin and end at COUNTY’s discretion, not to exceed **60 days**

VI. ADDITIONAL SERVICES

Additional services may be added to this contract during the course of work based on negotiated fees. These respective fees shall be determined jointly by the COUNTY staff and the Consultant. No work shall be undertaken on any additional service tasks without the written authorization of the COUNTY.

VII. FEE

\$30,426.00 (Not-to-Exceed Limited Amount).

Position Title	Billable Rate/Hour	Hr.	Cost
Engineering Manager	\$ 146.40	40	\$5,856.60
Inspector	\$ 78.75	312	\$24,570.00
Not-to-Exceed Limited Amount Sum			\$30,426.00



October 23, 2015

Ms. Becky Hiers-Bray, P.E.
Engineer III
Nassau County Engineering Services
96161 Nassau Place

**Subject: WORK AUTHORIZATION: CM1831-WA06
Change Order Post Design and Construction Inspection Services Fee Proposal
GAI Project No. – A120925.06**

Dear Ms. Hiers-Bray:

This letter is GAI Consultant, Inc. (GAI) proposal to perform post design and construction inspection services for MH 5A Emergency Replacement Project.

Design Fee is as follows

GAI Engineering.....	\$5,856.60
GAI Inspection.....	\$24,570.00
Grand Total.....	\$30,426.00

Enclosed are the following Exhibits for your review.

Exhibit A – Scope of Service and Budget

If you have any questions, let me know. You can reach me at (904) 239-2153.

Sincerely,

GAI Consultants, Inc.

Samuel T. Ramirez, P.E.
Engineering Manager

Kevin R. Leadbetter, P.E.
Assistant Vice President

Enclosed.

NASSAU COUNTY CONTRACT MANAGEMENT

**CONTINUING CONTRACT FOR ENGINEERING SERVICES FOR NASSAU AMELIA UTILITIES
 GAI CONSULTANTS, INC.
 CONTRACT NO. CM1831**

WA#	PROJECT NAME	ORIGINAL FEE	CHANGE ORDERS	CONTRACT FEE	STATUS	ACTUAL COST	DIFFERENTIAL
01	American Beach Well and Septic Tank Phase-out - Phase 1	\$ 40,000.00	\$ -	\$ 40,000.00	Completed	\$ 40,000.00	\$ -
02	Capital Improvement Program Update	\$ 25,100.00	\$ -	\$ 25,100.00	Completed	\$ 25,100.00	\$ -
03	Review & Recommendation on Nassau County Ordinance 2010-03	\$ 8,790.00	\$ -	\$ 8,790.00	Completed	\$ 8,790.00	\$ -
04	Manual Emergency Water Systems Interconnect	\$ 4,675.00	\$ -	\$ 4,675.00	Completed	\$ 3,880.25	\$ (794.75)
05	WWTF Permit Renewal Application	\$ 22,650.00	\$ -	\$ 22,650.00	Completed	\$ 22,650.00	\$ -
06	CIP FY 2014-2015 Rehabilitation Projects	\$ 201,580.00	\$ -	\$ 201,580.00	In Progress	\$ 201,580.00	\$ -
07	Booster Pump Station Building Foundation	\$ 16,400.00	\$ -	\$ 16,400.00	In Progress	\$ 16,400.00	\$ -
08	Lift Station No. 1 Rehabilitation	\$ 58,580.00	\$ -	\$ 58,580.00	In Progress	\$ 58,580.00	\$ -
09	Post Design and CEI Services for Manhole 5A Emergency Replacement Project	\$ 30,426.00	\$ -	\$ 30,426.00	Pedning	\$ 30,426.00	\$ -
		\$ 408,201.00	\$ -	\$ 408,201.00		\$ 407,406.25	\$ (794.75)

ORIGINAL CONTRACT VALUE \$ 408,201.00
 ADJUSTMENTS/CHANGE ORDERS \$ (794.75)
 CURRENT CONTRACT VALUE: \$ 407,406.25