

NASSAU COUNTY WORK AUTHORIZATION #02

Contract Number:	CM3472
Consultant/Vendor:	CSI Geo, Inc.
Consultant/Vendor Contact Name:	John A. Iya
Consultant/Vendor Contact Phone Number:	(904) 641-1993
Consultant/Vendor Contact Email Address:	jiya@csi-geo.com
Project Short Title:	Geotechnical Exploration – Still Quarters Road Fire Station
Total Amount of Previous Work Authorizations:	\$9,923.68
Amount of this Work Authorization:	\$14,102.36
New Contract Amount including this Work Authorization:	\$24,026.04
Funding Source:	68223522-562300 CO147

This Work Authorization is issued pursuant to the Contract referenced above between Nassau County and the Consultant/Vendor for the following services:

ARTICLE 1. Description of Services. Consultant/Vendor shall provide the services as set forth in Exhibit “A”, attached hereto and incorporated herein.

ARTICLE 2. Time Schedule. Consultant/Vendor anticipates the services to be completed pursuant to the time schedule contained in Exhibit “A”, attached hereto and incorporated herein. The parties agree that this Work Authorization shall be considered as the Notice to Proceed.

ARTICLE 3. Compensation. Consultant/Vendor shall be compensated for the services in detailed in Exhibit “A”, attached hereto and incorporated herein, using rates previously established in the Contract referenced above.

ARTICLE 4. Other Provisions. This Work Authorization shall become a part of the Contract when executed by both parties. Any Work Authorization entered into prior to expiration or termination set forth in the Contract shall continue in effect through the earlier of: (i) the date all of the Services thereunder have been fully completed and accepted by Nassau County, or (ii) until such time as such Work Authorization expires or is terminated in accordance with its terms or is terminated pursuant to Article 2 hereof. Consultant/Vendor acknowledges that all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant/Vendor. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work Authorization.

RECOMMENDED AND APPROVED BY:

Department Head/Managing Agent: Doug Podiak 8/6/2024
Date

Procurement: Janice Helms 8/8/2024
Date

Office of Management & Budget: Chris Lacambra 8/6/2024
Date

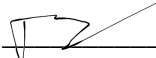
County Attorney: Denise C. May, Esq., BLS 9/24/2024
Denise C. May Date

JP

DJ

IN WITNESS WHEREOF, the Parties have caused this Work Authorization to be executed by its duly authorized representatives, effective as of the last date below.

NASSAU COUNTY, FLORIDA


By: Taco Pope
Its: Designee
Date: 9/24/2024

CSI Geo, Inc.

BY: John A. Iya
Print Name: John A. Iya
Title: Vice President
Date: 9/23/2024

EXHIBIT "A"**VENDOR'S SCOPE & ESTIMATE**

July 10, 2024

Ms. Evelyn J. Burton "EJ"
Nassau County Public Works
Nassau County, Florida

RFP Name: Geotechnical Exploration & Engineering Services
Still Quarters Road Fire Station
RFQ NO. NC23-009-RFQ

Dear Ms. Burton:

CSI Geo, Inc. (CSI Geo) is pleased to present this technical approach for the subject project.

PROJECT BACKGROUND INFORMATION AND PROJECT DESCRIPTION

We understand that a new fire station is proposed at the southeast corner of Old Nassauville Road and Hardy Allen Road in Nassau County, Florida. The proposed construction will include a new one-story fire station building, parking, and pond.

TECHNICAL APPROACH

It is the intent of this contract to acquire a complete and accurate geotechnical investigation for the identified project through obtaining boring logs, performing soil testing, and incorporating this and other pertinent information into a comprehensive subsurface investigation report for the project site.

SCOPE OF PROPOSED SERVICES

The geotechnical exploration will consist of field exploratory borings, laboratory testing, and a geotechnical analysis of the collected data. A narrative outline of the work plan is presented in the following section.

WORK PLAN**Field Exploration**

Fire Station Building & Parking – The proposed exploration along the proposed building and parking areas will consist of 30 feet deep Standard Penetration Test (SPT) borings for a total of 3 SPT borings and 6 feet auger borings for a total of 2 auger borings. The SPT borings will be grouted upon completion. In addition, undisturbed soil samples will be retrieved to provide soil parameters for foundation design.

Pond – The proposed exploration at the location of the proposed pond will consist of one 20 feet deep SPT boring with continuous sampling. One permeability test will be performed to provide infiltration rates.

Soil samples will be classified, containerized, marked in the field and returned to the laboratory for visual inspection and classification by the geotechnical engineer using the Unified Soil Classification Systems (USCS).

Laboratory Testing

Laboratory classification and index soil tests will be performed as necessary on selected soil samples obtained from the exploration. Specific tests to be performed are Moisture Content, Organic Content, Percent Fines, Atterberg Limits, Consolidation, LBR testing, and Corrosion testing.

Engineering/Support Services

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

- A brief discussion of the planned construction
- A graphical representation of the subsurface conditions encountered
- Depth to the groundwater table at the time of the boring and an estimation of the seasonal high groundwater table
- A graphic representation of the soil borings using DOT style Report of SPT Borings and a common legend
- An appendix that contains stratified soil boring profiles, laboratory test data sheets and other pertinent calculations
- Written discussion of the subsurface conditions encountered
- Site preparation recommendations with any special precautions (e.g., soft soil conditions, high groundwater, etc.), including any equipment limitations
- Foundation recommendations and evaluation with respect to the proposed construction
- General site preparation recommendations for site construction and construction of compacted fills or backfills

Anticipated Completion Schedule:

Geotechnical Exploration and Evaluation Report & Preliminary Soil Profiles

Approximately 35 working days after NTP



GEOTECHNICAL FEE ESTIMATE
Geotechnical Exploration
Still Quarters Road Fire Station
RFQ NO. NC23-009-RFQ
Nassau County, Florida

2394 St. Johns Bluff Road, Suite 200
 Jacksonville, Florida 32246
 tel (904) 641-1993

Item Description	Unit	Number of Units		Cost / Unit		Estimated Cost
Field Investigation						
Mudbug/All Terrain Vehicle Mobilization 0-30 Miles	ea.	1	ea.	\$875.00	/ea.	\$875.00
Fire Station Building and Parking						
3 Truck/Mud Bug SPT 0-50 Ft	ft.	90	ft.	\$15.50	/ft.	\$1,395.00
Truck/Mud Bug Temp Casing 3" 0-50 Ft	ft.	120	ft.	\$10.00	/ft.	\$1,200.00
Truck/Mud Bug Grout Boreholes 0-50 Ft	ft.	90	ft.	\$7.00	/ft.	\$630.00
Truck/Mud Bug Undisturbed Samples 0-50 Ft	ea.	1	ea.	\$160.00	/ea.	\$160.00
Sample Pick-up	ea.	2	ea.	\$90.00	/ea.	\$180.00
2 Truck/Mud Bug Auger/Wash Boring 0-50 Ft	ft.	12	ft.	\$12.00	/ft.	\$144.00
Pond						
1 Truck/Mud Bug SPT 0-50 Ft	ft.	20	ft.	\$15.50	/ft.	\$310.00
Truck/Mud Bug Extra SPT Samples 0-50 Ft	ea.	3	ea.	\$42.00	/ea.	\$126.00
Double Ring Infiltration ASTM D3385	ea.	1	ea.	\$570.00	/ea.	\$570.00
Boring Layout/Utility Clearance/Coordination (Engineer Intern)	hr.	4	hr.	\$135.00	/hr.	\$540.00
Subtotal:						\$6,130.00
Laboratory Testing						
Lab Moisture Content of Soils (ASTM D2216. AASHTO T127)	ea.	8	ea.	\$22.00	/ea.	\$176.00
Lab Material Finer Than No.200 Sieve	ea.	8	ea.	\$48.00	/ea.	\$384.00
Lab Organic Content in Soils (Ignition or Combustion Method)	ea.	4	ea.	\$52.00	/ea.	\$208.00
Lab Atterberg Limits Test - ASTM D423, D424, AASHTO T90, ASTM D43	ea.	4	ea.	\$115.00	/ea.	\$460.00
Lab Consolidation (ASTM D2435-2011)	ea.	1	ea.	\$530.00	/ea.	\$530.00
Lab Limerock Bearing Ratio Test (LBR)	ea.	2	ea.	\$370.00	/ea.	\$740.00
Lab Corrosion Series Test - (Environmental Corrosion)	ea.	2	ea.	\$235.00	/ea.	\$470.00
Subtotal:						\$2,968.00
Engineering/Support Services						
Project Manager	hr.	3	hr.	\$235.00	/hr.	\$705.00
Geotechnical Engineer	hr.	8	hr.	\$181.33	/hr.	\$1,450.64
Engineer Intern	hr.	14	hr.	\$135.00	/hr.	\$1,890.00
CADD Operator	hr.	8	hr.	\$100.00	/hr.	\$800.00
Clerical	hr.	2	hr.	\$79.36	/hr.	\$158.72
Subtotal:						\$5,004.36
TOTAL (Estimated):						\$14,102.36

Certificate Of Completion

Envelope Id: 70C0EE136079413EAEDBE8E4A090AEB9

Status: Completed

Subject: Work Authorization: CM3472-WA02 CSI Geo, Inc. Geotechnical Exploration \$14,102.36

Source Envelope:

Document Pages: 6

Signatures: 9

Envelope Originator:

Certificate Pages: 6

Initials: 4

Sara Sands

AutoNav: Enabled

ssands@nassaucountyfl.com

Envelopeld Stamping: Enabled

IP Address: 50.238.237.26

Time Zone: (UTC-05:00) Eastern Time (US & Canada)

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Doug Podiak

dpodiak@nassaucountyfl.com

Facilities Director

Nassau County BOCC

Security Level: Email, Account Authentication (None)

Doug Podiak

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Tracy Poore

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OMB Admin

Nassau County BOCC

Security Level: Email, Account Authentication (None)

TP

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chris lacambra

clacambra@nassaucountyfl.com

OMB Director

Nassau County BOCC

Security Level: Email, Account Authentication (None)

Chris lacambra

Signature Adoption: Pre-selected Style
Using IP Address: 50.238.237.26

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Lanaee Gilmore

lgilmore@nassaucountyfl.com

Procurement Director

Nassau County BOCC

Security Level: Email, Account Authentication (None)

Lanaee Gilmore

Signature Adoption: Pre-selected Style
Using IP Address: 50.238.237.26

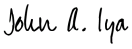




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Signer Events	Signature	Timestamp
<p>John A. Iya jya@csi-geo.com Vice President Security Level: Email, Account Authentication (None)</p>	 Signature Adoption: Pre-selected Style Using IP Address: 168.220.110.139	<p>Sent: 8/8/2024 11:57:53 AM Resent: 9/11/2024 10:01:37 AM Resent: 9/23/2024 9:44:42 AM Viewed: 9/23/2024 10:26:54 AM Signed: 9/23/2024 10:27:14 AM</p>
<p>Electronic Record and Signature Disclosure: Accepted: 9/23/2024 10:26:54 AM ID: 1bc96fff-914c-4cb6-b70a-5b0d4f37692d</p>		
<p>Abigail Jorandby ajorandby@nassaucountyfl.com Deputy County Attorney Nassau BOCC Security Level: Email, Account Authentication (None)</p>	 Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26	<p>Sent: 9/23/2024 10:27:17 AM Viewed: 9/24/2024 8:52:20 AM Signed: 9/24/2024 8:53:33 AM</p>
<p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>		
<p>Denise C. May, Esq., BCS dmay@nassaucountyfl.com County Attorney Nassau County BOCC Security Level: Email, Account Authentication (None)</p>	 Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26	<p>Sent: 9/24/2024 8:53:35 AM Viewed: 9/24/2024 8:54:30 AM Signed: 9/24/2024 8:54:53 AM</p>
<p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>		
<p>Taco Pope, AICP tpope@nassaucountyfl.com County Manager Nassau County BOCC Security Level: Email, Account Authentication (None)</p>	 Signature Adoption: Drawn on Device Using IP Address: 50.238.237.26	<p>Sent: 9/24/2024 8:54:55 AM Viewed: 9/24/2024 8:55:16 AM Signed: 9/24/2024 8:55:20 AM</p>
<p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>		
<p>BOCC AP boccap@nassauclerk.com Nassau County Clerk Security Level: Email, Account Authentication (None)</p>	 Signature Adoption: Uploaded Signature Image Using IP Address: 12.23.69.254	<p>Sent: 9/24/2024 8:55:24 AM Viewed: 9/24/2024 9:56:04 AM Signed: 9/24/2024 9:56:26 AM</p>
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<p>Clerk Services BOCCClerkServices@nassauclerk.com Security Level: Email, Account Authentication (None)</p> <p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	COPIED	<p>Sent: 9/24/2024 9:56:28 AM Viewed: 9/24/2024 10:16:06 AM</p>
<p>Procurement procurement@nassaucountyfl.com Security Level: Email, Account Authentication (None)</p> <p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	COPIED	<p>Sent: 9/24/2024 9:56:30 AM Viewed: 9/24/2024 1:04:50 PM</p>
<p>George Murray gmurray@nassaucountyfl.com Project Manager Nassau County Security Level: Email, Account Authentication (None)</p> <p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	COPIED	<p>Sent: 9/24/2024 9:56:31 AM Viewed: 9/24/2024 10:33:16 AM</p>
<p>Tabitha Givens tgivens@nassaucountyfl.com Administrator Coordinanator Nassau County Security Level: Email, Account Authentication (None)</p> <p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	COPIED	<p>Sent: 9/24/2024 9:56:32 AM</p>
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Envelope Summary Events	Status	Timestamps
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Certified Delivered	Security Checked	9/24/2024 9:56:04 AM
Signing Complete	Security Checked	9/24/2024 9:56:26 AM
Completed	Security Checked	9/24/2024 9:56:32 AM
Payment Events	Status	Timestamps
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How to contact County of Nassau:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: bsimmons@nassaucountyfl.com

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To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at bsimmons@nassaucountyfl.com and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

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To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an email to bsimmons@nassaucountyfl.com and in the body of such request you must state your email address, full name, mailing address, and telephone number. We will bill you for any fees at that time, if any.

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- You can access and read this Electronic Record and Signature Disclosure; and
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- Until or unless you notify County of Nassau as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by County of Nassau during the course of your relationship with County of Nassau.