City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY. ONE JACKSONVILLE.

October 17, 2019

TO: Gregory W. Pease, Chairman
Professional Services Evaluation Committee

10/24/19 14:14:43
Procurement Division

THRU: John P. Pappas, P.E.
Director

FROM: William J. Joyce, P.E.
Director of Operations

Robert Skalitzky
Chief, Natural and Marine Resources

SUBJECT: P-30-19 Construction Engineering and Inspection Services for Northbank Bulkhead Replacements

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The Engineering Division has negotiated with the consultant selected for Construction Engineering and Inspection Services for Construction Engineering and Inspection Services for Northbank Bulkhead Replacements, resulting in the Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B. JSEB firms to be utilized to meet the 20% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with GAI Consultants, Inc. for Construction Engineering and Inspection Services for Northbank Bulkhead Replacements, that includes the attached Scope of Services identified as Exhibit "A" and Rate Schedules, identified as Exhibit "B". Each project performed under this agreement shall be authorized by an individual Purchase Order with a not-to-exceed cost applicable thereto. The maximum indebtedness of the City pursuant to this agreement is $4,000,000.00. The Period of Service will be to Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.

RGS/lw

Attachments: Exhibits A & B
JSEB Participation

cc: Lori A. West, Engineering Contract Specialist, Engineering & Construction Management

ab

EXHIBIT A

gai consultants

Jacksonville Office
1301 Riverplace Boulevard
Suite 900
Jacksonville, Florida 32207

T 904.363.1110
F 904.363.1115

October 11, 2019

GAI Project No.: B190540.00

David Hahn, P.E.
Engineering Manager
Paving and Drainage Design Section
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202

Attention: Mr. Hahn, PE

Sent Via E-mail: hahn@coj.net

City of Jacksonville RFP# P-30-19 - Schedule of Proposed Rates
Construction Engineering and Inspection Services for the Northbank Bulkhead Replacements
Jacksonville, Florida

Dear Mr. Hahn, PE:

GAI Consultants, Inc. is pleased to provide you with the proposed rates to provide the required Construction and Engineering Inspection services on the Northbank Bulkhead Replacements Project. The proposed positions will allow for the inspection services on the bulkhead replacement, any required field material testing and any other incidental items. Laboratory material verification testing will be conducted by Meskel and Associates Engineering, PLLC. (MAE) and their lab rates are also included in the attachments.

GAI has included MAE, Construction and Engineering Services, Inc. (C&ES), and CSI- Geo, Inc. (CSI) our Jacksonville Small and Emerging Business (JSEBs) partners to assist with inspection duties and will also assist us in meeting our 20% JSEB goal. We look forward to working with you and the rest of the City's team on this important project. If you have any questions, or need any additional information, please do not hesitate to give me a call.

Sincerely,

GAI Consultants, Inc.

Kevin R. Leadbetter Digitally signed by Kevin R Leadbetter
DN: E=kr.leadbetter@gaiconsultants.com, CN=Kevin R. Leadbetter
Date: 2019.10.14 08:37:37-04'00'

Kevin Leadbetter, PE
Vice President

KRL/atd

Attachments: Exhibit A Proposed Scope
Exhibit B Proposed Rates for GAI, C&ES, CSI and MAE

cc: Thomas McKnight
Lori West

Exhibit A

SCOPE OF SERVICES

CLIENT: City of Jacksonville – Department of Public Works

PROJECT: Construction Engineering and Inspection (CEI) Services for the Northbank Bulkhead Replacements

CONSULTANT: GAI Consultants, Inc.
1301 Riverplace Blvd., Suite 900
Jacksonville, Florida 32207

GENERAL

The Northbank Bulkhead Replacements Project is a Design-Build Project being undertaken by the City of Jacksonville for the complete replacement of multiple sections of the bulkhead extending from the Times-Union Center to Metro Park. GAI Consultants, Inc. and supporting Sub-Consultant services provided by Meskel & Associates Engineering, PLLC. (MAE, JSEB), Construction and Engineering Services, Inc. (C&ES JSEB) and CSI-Geo, Inc. (CSI, JSEB), collectively known as GAI will be providing CEI Services for this project. The CEI Scope of Services outlined under Section 4.0 of the RFP # P-30-19 will be performed by GAI Consultants, for the City of Jacksonville, also referenced as "City" under the contract for P-30-19.

GAI will provide onsite construction inspection, management and administrative services to verify the quality and quantity of work, but will not override the contractor's 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). GAI's efforts will also be directed toward assisting in the interpretation of the prepared drawings and specifications, shop drawing review, assistance in the resolution of field problems or questions, and determining whether the completed project will conform to the contract documents GAI will continually verify the project is in substantial compliance with the design plans, specifications and pertinent contract documents as outlined in the contract between the City and the successful contractor.

INSPECTION REQUIREMENTS

The scope of the inspection for the expected work includes but is not limited to the following: maintenance of traffic; control and abatement of erosion and water pollution; minor demolition, excavation, restoration of sections of the concrete sidewalk and brick pavers along the Riverwalk, reinforced steel, concrete cap pours, pedestrian railings construction, and other incidental construction. All required certifications will be maintained by onsite personnel as outlined in the City's RFP's Scope of Services Section 4.0.

ADMINISTRATION REQUIREMENTS

GAI shall oversee the daily administration of the contract, which includes but is not limited to verifying Equal Employment Opportunity (EEO Compliance by documenting daily work efforts including contractors personnel, conduction routine employee interviews, reviewing and verifying all materials meet the contract requirements, reviewing 90%, 100%, and Released For Construction plans for constructability and overall compliance with the applicable contract documents, verifying contractor's quality control test results and resolving monthly comments concerning materials testing sample results.

GAI will monitor all RFIs, RFCs and RFMs, coordinate with the City, verify key survey data and as-built elevations, review change orders and assist the City in any Dispute Resolution meetings and contractor's request for equitable payment for additional work. GAI will also facilitate bi-weekly progress meetings and pre-work meetings. GAI will also assist in coordinating with adjacent projects and affected third parties while resolving onsite issues with the contractor's daily operations.

GAI shall review the contractor's monthly CPM Schedule for overall compliance and forward a copy to the City.

NPDES Inspections – Immediately following each rainfall event of ½" or greater, the inspector will visit the site, inspect all erosion/sedimentation control measures, direct the contractor to repair or replace damaged erosion/sedimentation controls and verify that the required work is done in accordance with the NPDES/permit requirements.

Authority – After consultation, the City gives GAI the authority to require the contractor to correct all work not in compliance with the approved plans and/or City requirements. If the contractor refuses or fails to take the required corrective action, GAI shall immediately notify the City.

Testing – GAI's qualified field representatives will be responsible for selecting locations for verification of concrete plastic and compressive strength, compaction and density testing and verifying that all required Contractor's Quality Control testing is performed in accordance with City's requirements/specifications for locations and frequency. Field verification samples will be collected by GAI. Laboratory Verification Samples will be tested by Meskel, if required, at an accredited lab and by qualified personnel, as required to meet the contract requirements.

The construction contractor is expected to provide his own quality assurance testing and will be independent of the services provided herein.

All inspection and testing requirements shall apply at all times while construction operations are being performed including weekends and holidays.

Inspector Logs – GAI and its subconsultants' onsite inspector shall maintain an inspection log throughout the duration of construction. This log shall include but not be limited to the following:

- Location and description of construction operations taking place at time of site visit
- Specific information regarding inspection/acceptance of project materials
- Information on construction problems and directions given to the contractor to resolve the problems
- Summaries of contractor's personnel and equipment

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". A copy of all documents will be provided to the City.

Shop drawings – Upon receipt of shop drawing from the contractor, GAI shall forward the Contract's shop drawing review for each component requiring shop drawings. GAI shall coordinate with the Engineer of Record in the shop drawing review process. GAI will coordinate the review and strive to return shop drawings within the allowable timeframe or less to the contractor. Final approved shop drawings shall be submitted to the City to be RFC'ed after all comments are resolved.

As-builts – GAI shall review as-builts drawings. Drawings that do not meet the requirements outlined in the Contract Documents will be returned to the Contractor for correction. Final as-built drawings shall be submitted to the City for concurrence and acceptance. The format of the as-built drawings will be delivered in a format approved by the City.

Contractor Pay Requests and Change Orders – GAI's staff will assist the City's Project Manager as-needed with evaluating the contractor's pay request. GAI will assist the City's Project Manager as necessary in processing of the monthly and final pay requests and processing of any Contractor change order requests on the project.

Substantial Completion – The City shall be notified in advance of the substantial completion inspection to allow the City's various Departments 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 e-mailed to each of the above agencies.

Final Documentation – Prior to the City's acceptance of the project, GAI will turn over the following documents:

- Original Inspector's Logs
- All test reports for the project (including those tests that failed and were retested)
- All approved shop drawings

- Certification stating that the materials and construction that were inspected by the GAI's qualified individual, that all inspection services were provided as outlined in the scope of services, that construction has been completed in substantial conformance with the approved plans, and that the as-built drawings have been reviewed and meet the City's requirements. This certification is to be signed and sealed by GAI's Senior Project Engineer based upon the scope of the services.

Schedule

GAI will provide, as needed, the above described services during construction, and closeout of the project

No additional compensation will be provided by GAI in the event the construction goes beyond each task's anticipated Final Completion date unless authorized by the City.

Method of Compensation

Payment will be made in accordance with the City's original contract. No changes will be made to the original contract and terms of payment unless mutually agreed to by the City and GAI.

Exclusions from Scope of Service

The Contractor shall be responsible for his Quality Control Inspection efforts required by the construction contract and any required diving services.

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 City's staff and GAI. No work shall be undertaken on any additional service tasks without the written authorization of the City.

EXHIBIT B

Form 1 - SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT GAI Consultants, Inc.

Proposal Number P-30-19 CEI Services- Northbank Bulkhead Replacement)

1. Average hourly direct labor rates (without Fringe Benefits)

Project Manager (Responsible Professional) 4% or less of project budget	$ 85.30	hr.
Design Engineer or Architect (Registered)	$ N/A	hr.
Project Administrator	$ 47.55	hr.
Senior Field Inspector	$ 36.75	hr.
Field Inspector	$ 30.00	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 26.15	hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 175.00 %

3. Profit Rate (to be applied to Direct Labor plus Overhead) 10.00 %

4. Cost of 4-man survey crew per 8 hour day (If applicable) $ N/A hr.

5. Other Direct Project Costs per Unit (please specify)

_____

_____

_____

6. Estimated percentage of total fee to be performed by subconsultants N/A %

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

_____

_____

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EXHIBIT B

Form 1 - SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT C&ES, Inc. (JSEB Subconsultant)

Proposal Number P-30-19 Northbank Bulkhead Replacement

1. Average hourly direct labor rates (without Fringe Benefits)

Project Manager (Responsible Professional)	$ N/A hr.
Design Engineer or Architect (Registered)	$ N/A hr.
Designer or Technician (Non-Registered)	$ N/A hr.
Senior Field Inspector	$ 36.75 hr.
Field Inspector	$ 30.00 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ N/A hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 150 %

3. Profit Rate (to be applied to Direct Labor plus Overhead) 10% %

4. Cost of 4-man survey crew per 8 hour day (If applicable) $_____ hr.

5. Other Direct Project Costs per Unit (please specify)

_____

_____

_____

6. Estimated percentage of total fee to be performed by subconsultants N/A %

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

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EXHIBIT B

Form 1 - SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT CSI Geo, Inc.

Proposal Number P-30-19 Northbank Bulkhead Replacements

1. Average hourly direct labor rates (without Fringe Benefits)

Project Manager (Responsible Professional)	$ N/A hr.
Design Engineer or Architect (Registered)	$ N/A hr.
Designer or Technician (Non-Registered)	$ N/A hr.
Senior Field Inspector	$ 30.00 hr.
Field Inspector	$ 25.00 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ N/A hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 170.00 %

3. Profit Rate (to be applied to Direct Labor plus Overhead) 10.00 %

4. Cost of 4-man survey crew per 8 hour day (If applicable) $ N/A hr.

5. Other Direct Project Costs per Unit (please specify)

_____

_____

_____

6. Estimated percentage of total fee to be performed by subconsultants TBD %

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

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EXHIBIT B

Form 1 – SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT Meskel & Associates Engineering, PLLC

Proposal Number P-30-19 Northbank Bulkhead Replacements

1. Average hourly direct labor rates (without Fringe Benefits)

Chief Engineer	$ 55.29 hr.
Senior CEI Inspector	$ 31.50 hr.
CEI Inspector	$ 23.75 hr.
Drafter or CADD Operator	$ 24.25 hr.
Field Inspector	$ _____ hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 23.50 hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 175 %

3. Profit Rate (to be applied to Direct Labor plus Overhead) 10 %

4. Cost of 4-man survey crew per 8 hour day (If applicable) $ N/A hr.

5. Other Direct Project Costs per Unit (please specify)

See Attached VT Lab Testing sheet

6. Estimated percentage of total fee to be performed by subconsultants 0 %

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

EXHIBIT B

COJ Northbank Bulkhead GAI - VT Lab Testing

DATE: 9/17/2019

	Tests	Rate	Total
Proctor Embankment: Soil Class, Proctor, sieve, organics, atterbergs:			
Mod Proctor	0	$95.00	$0.00
Sieve (#200 sieve only)	0	$40.00	$0.00
Organics	0	$50.00	$0.00
Atterbergs	0	$90.00	$0.00
Soil Class.	0	$20.00	$0.00
Limerock: Proctor			
Mod Proctor	0	$105.00	$0.00
Limerock LBR:	0	$325.00	$0.00
Concrete cylinders 4 cylinders per set 1 per 4 LOTS or 200CY			
Trip Charge to Pick-Up Cylinders (NA-cyls delivered to MAE Lab)	0	$70.00	$0.00
Cap, Cure, Test Cylinders, per cylinder	0	$25.00	$0.00
		SUB-TOTAL LAB:	**$0.00**
Engineering/Reporting: Entering Test Results into MAC			
		SUB-TOTAL ENGINEERING (20% of Lab):	**$0.00**
		VT LAB TESTING - TOTAL ESTIMATE:	**$0.00**

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: **GAI Consultants, Inc.**

Project Title: **CEI Services for Northbank Bulkhead Replacements**

Proposal Number: **P-30-19** Total Base Proposal Amount (if applicable): **$ TBD**

***Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage
C&ES, Inc	African American	Construction Engineering, Inspection	12%
CSI Geo, Inc	African-American	Construction Engineering, Inspection	4%
Meskel and Associates Engineering, PLLC	Women-Owned	Construction Engineering, Inspection/ Material Testing	4 %

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	**16 %**
Hispanic-American Participation Total	%
Native-American Participation Total	%
Asian-American Participation Total	%
Woman Participation Total	4 %
Non-MBE Participation Total	**0 %**

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: Kevin R. Leadbetter Digitally signed by Kevin R. Leadbetter ON: E=k.leadbetter@gaiconsultants.com, CN=Kevin R. Leadbetter Date: 2019.09.27 10:27:46-04'00' Title: Vice President Date: 9/27/2019

Print Name: Kevin Leadbetter, PE

gai consultants

Pittsburgh Office
385 East Waterfront Drive
Homestead, Pennsylvania 15120

T 412.476.2000
F 412.476.2020

GAI Consultants, Inc.
Non-Governmental: Statement of Direct Labor, Fringe Benefits, and General Overhead
December 31, 2018

Description	Total Costs
Direct	39,312,267
Premium	(617,082)
	38,695,185
Fringe Benefits	
Holiday Payroll	1,618,484
Vacation/Sick Payroll	4,754,171
Retirement Plans	3,318,697
Employee Group	2,857,828
Bonuses	5,296,063
Payroll Taxes	5,433,886
Total Fringe Benefits	**3,279,129**
General Overhead	
Indirect Labor	18,325,381
Administrative	248,952
Amortization Expense	892,275
Bad Debt Expense	725,092
Books & Subscriptions	62,258
Computer & Programs	3,034,241
Depreciation	1,537,227
Insurance	1,474,263
Interest	426,792
Miscellaneous	466,677
Postage	77,979
Professional Development	660,142
Professional Fees	1,629,698
Promotion	1,609,438
Rent	6,732,271
Repairs & Maintenance	681,731
Supplies	692,829
Taxes	1,948,462
Telephone	786,348
Travel Expenses	1,987,988
Utilities	474,316
Total General Overhead	**44,474,360**
Total Indirect Costs	**67,753,489**
Percentage of Direct Labor	**175.10%**

I hereby certify the non-governmental: statement of direct labor, fringe benefits, and general overhead for GAI Consultants, Inc. to be accurate and current as of September 13, 2019.

Alexander S. Macmillan
Assistant Vice President / Controller

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 3, 2019

William Price, President
CSI GEO, INC.
2394 St. Johns Bluff Road South, Suite 200
Jacksonville, Florida 32246

Dear Mr. Price:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 9 - Soil Exploration, Material Testing and Foundations

- 9.1 - Soil Exploration
- 9.2 - Geotechnical Classification Laboratory Testing
- 9.3 - Highway Materials Testing
- 9.4.1 - Standard Foundation Studies
- 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
- 9.5 - Geotechnical Specialty Laboratory Testing

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense	Published Fee Schedule
227.65%	95.96%	1.309%	Excluded	No	8.60%	2.04%*	Yes

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell

Carliayn Kell
Professional Services
Qualification Administrator

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 22, 2019

Anoinette Meskel, President
MESKEL & ASSOCIATES ENGINEERING, PLLC
8936 Western Way, Suite 12
Jacksonville, Florida 32256

Dear Ms. Meskel:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 9 - Soil Exploration, Material Testing and Foundations

- 9.1 - Soil Exploration
- 9.2 - Geotechnical Classification Laboratory Testing
- 9.3 - Highway Materials Testing
- 9.4.1 - Standard Foundation Studies

Group 10 - Construction Engineering Inspection

- 10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense	Published Fee Schedule
246.83%	138.60%	0.398%	Reimbursed	No	1.40%	0.00%*	Yes

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell

Carliayn Kell
Professional Services
Qualification Administrator