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.

MEMORANDUM August 10, 2018

08/17/18 09:19:11
Procurement Division

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

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

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

Guy Parola, P.G.
Downtown Development Manager

SUBJECT: P-19-15 Riverplace Boulevard Bicycle and Pedestrian Improvements
Consultant Services Account Nos.: DICP32UTID-06505-DI0100-01
Internal Services Account No.: PWEN011AD Amendment 2

Post Design Services are needed during the construction phase of the project. Negotiations with the consultant have resulted in the attached Scope of Services, Exhibit F and Contract Fee Summary, Exhibit G, attached. This project is designated to be under the Equal Business Opportunity Program with a 15% JSEB Participation Goal. JSEB firms to be utilized to meet the Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that Contract 9366-02, originally executed August 4, 2015, with GAI Consultants, Inc., for the Riverplace Boulevard Bicycle and Pedestrian Improvements, be amended to incorporate the attached Scope of Services, Exhibit F and Fee Summary, Exhibit G to decrease the Lump Sum amount for Design Services by $9,810.89 to a new lump sum amount of $635,847.11, to increase the not to exceed limit for Utility Coordination by $25,234.20 to a new limit of $54,184.20, to add new not to exceed limits for: Post Design Services in the amount of $77,263.46 and Signal Design in the amount of $8,500.00 and to decrease the not to limits for: Miscellaneous Expenses by $878.04 to a new limit of $4,509.96, Additional Services by $45,000.00 to a new limit of $0.00, Survey by $1,490.00 to a new limit of $6,010.00, Irrigation by $4,850.00 to a new limit of $1,150.00, thereby increasing the maximum indebtedness to the city by a net amount of $48,968.73 to a new maximum of $814,084.73 with all other terms and conditions remaining the same.

WJJ/lw

Attachments: Exhibits F & G
JSEB Participation

cc: Lori A. West, Engineering Contract Specialist

ab

ENGINEERING POST DESIGN SERVICES
SCOPE OF SERVICES

Riverplace Blvd. Bicycle and Pedestrian Improvements Project

CITY OF JACKSONVILLE, FLORIDA

Post Design Services

At the option of the City of Jacksonville (CITY), the CONSULTANT may be requested to provide post design services. These services may include construction assistance; review of shop drawings; or other post design services as required. These services are intended to address changed conditions that occur following acceptance of plans. The CONSULTANT shall provide to the CITY additional services as required to satisfactorily complete construction. These services are intended to deal with changed conditions or services not covered in the original plan set, and are not intended to cover or apply to CONSULTANT errors and/or omissions.

1. The CONSULTANT will be responsible for the review of construction shop drawings. Following receipt of authorization from the CITY and notification that the CITY has shop drawings to be reviewed, the CONSULTANT shall pickup, review and return the shop drawings together with his recommendations regarding final acceptance within 4 business days.

2. The CONSULTANT shall provide to the CITY qualified representation during the construction phase to assist the CITY in responding to Requests for Information. These requests may include, but are not limited to, dealing with issues concerning the intent and interpretation of the contract documents or dealing with issues of changed conditions encountered in the field. All Requests for Information transmitted to the CONSULTANT by the CITY, shall be reviewed and responded to within 4 working days.

3. On site visits by the CONSULTANT shall be made during construction at the request of the CITY or its designated representative.

4. Fees for the services listed above shall be compensated on an hourly basis, up to the limiting amount provided in the fee proposal approved with this scope. These fees may be assessed following the issuance of the notice to proceed to the contractor selected for the construction of the plans provided by the CONSULTANT as a part of this scope of services.

EXHIBIT G

CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project	2. Proposal Number
Riverplace Blvd. Bike & Ped. Imp.	P-19-15 9366-02
3. Name of Consultant GAI Consultants, Inc.	4. Date of Proposal 07/02/18

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Sr. Director	$100.00	0	$0.00	
Director (PM)	$50.00	0	$0.00	
Engineer Manager	$55.29	0	$0.00	
Senior Project Engineer	$48.50	0	$0.00	
Project Engineer	$37.98	0	$0.00	
Engineer Intern	$25.02	0	$0.00	
Senior Designer	$35.00	0	$0.00	
Sr. CADD	$30.00	0	$0.00	
CADD	$26.50	0	$0.00	
Sr. Director (LS)	$83.78	0	$0.00	
Director (LS)	$64.63	0	$0.00	
Manager (LS)	$49.00	0	$0.00	
Sr. Project Professional (LS)	$36.05	0	$0.00	
Technician 2 (LS)	$29.13	0	$0.00	
Clerical	$15.00	0	$0.00	
TOTAL DIRECT LABOR		0	Hours	$0.00
6. Overhead (Combined Fringe Benefit & Administrative)			175%	$0.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$0.00
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$0.00

PART III - OTHER COSTS

9. Miscellaneous Direct Costs Reproduction, Rental Meeting Rooms, VMB, Misc., etc.	($7,216.02)	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		($7,216.02)
10. SUBCONTRACTS (Lump Sum) Community Solutions Group	$ ($2,594.87)	
SUB-CONTRACT SUB-TOTAL		($2,594.87)
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		($9,810.89)
11. REIMBURSABLE COSTS (Limiting Amount)		
GAI Consultants (Post Design Services)	$ 77,263.46	
Johnson Surveying & Mapping (Survey)	$ (1,490.00)	
Kevin Smith Irrigation (irrigation)	$ (4,850.00)	
Additional Services	$ (45,000.00)	
Adkinson Eng. Utility Coordination	$ 25,234.20	
GAI Consultants (Signal Design)	$ 8,500.00	
GAI Consultants (Misc. Expenses)	$ (878.04)	
SUB-TOTAL REIMBURSABLES		$58,779.62

PART IV - SUMMARY

TOTAL AMOUNT OF AMENDMENT #6 (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$48,968.73**
12. PRIOR CONTRACT AMOUNT (Through Amendment # 1)	$765,116.00
AMENDED AMOUNT OF CONTRACT	**$814,084.73**

CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Riverplace Blvd. Bike & Ped. Imp.	2. Proposal Number GAI Project # 9366-02
3. Name of Consultant Adkinson Engineering, P.A.	4. Date of Proposal 07/02/18

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$57.50	0	$0.00	
Project Manager	$54.54	0.0	$0.00	
Design Engineer or Architect	$49.09	0	$0.00	
Senior Project Engineer	$48.50	0	$0.00	
Designer or Technician	$32.73	0	$0.00	
Drafter	$28.50	0	$0.00	
Field Inspector	$28.75	0	$0.00	
Clerical	$21.00	0	$0.00	
TOTAL DIRECT LABOR		0	Hours	$0.00
6. Overhead (Combined Fringe Benefit & Administrative)			150%	$0.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$0.00
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$0.00

PART III - OTHER COSTS

9. Miscellaneous Direct Costs		
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$0.00
10. SUBCONTRACTS (Lump Sum)	$	
SUB-CONTRACT SUB-TOTAL		$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$0.00
11. REIMBURSABLE COSTS (Limiting Amount)		
Misc Utility Coordination (Adkinson Eng.)	$ 25,234.20	
	$	
	$	
	$	
	$	
	$	
	$	
SUB-TOTAL REIMBURSABLES		$25,234.20

PART IV - SUMMARY

TOTAL AMOUNT OF AMENDMENT #6 (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$25,234.20**
12. PRIOR CONTRACT AMOUNT (Through Amendment # 1)	
AMENDED AMOUNT OF CONTRACT	**$25,234.20**

EXHIBIT G

ADKINSON ENGINEERING

4639 Trevor Creek Dr. S., Jacksonville, FL 32257
(904) 881-4206 ❖ FAX: (904) 886-4675

ADDITIONAL SERVICES ADDENDUM

Notice to Proceed from: _____

THIS ADDENDUM TO THE AGREEMENT dated October 8, 2015, by and between ADKINSON ENGINEERING, P.A. (Adkinson) and the CLIENT identified herein is for the Professional Services described below.

CLIENT: GAI Consultants, Inc.

ADDRESS: 1301 Riverplace Blvd., Suite 900, Jacksonville, FL 32207

TITLE: Riverplace Blvd Bicycle & Pedestrian Improvements

ADKINSON PROJECT #: GAI01 – **ASA #2: Contruction Services related to Utility Coordination**

1. Description of Additional Professional Services to be provided by Adkinson:

   A. Adkinson will complete post design services on an hourly basis, at the direction of GAI Consultants, Inc.

2. Estimated Completion Date: 12/31/18

3. The compensation to be paid Adkinson for providing the requested services shall be:
   A. Lump Sum amount of:

   X B. A Not to Exceed Time and Materials charge of: **$25,234.20**

   ___ C. Unit Cost/Time Charges.

IN WITNESS WHEREOF, this Addendum is accepted on the date first above written subject to the terms and conditions above stated and the provisions set forth in the above described Agreement.

ADKINSON ENGINEERING, P.A.		CLIENT:	GAI Consultants, Inc.
SIGNED:		SIGNED:	
TYPED NAME:	Timothy L. Adkinson, P.E.	TYPED NAME:	Nicholas E. Mousa
TITLE:	President	TITLE:	Director
DATE:	7/18/18	DATE:	

Return one fully executed copy to Adkinson Engineering, P.A.

EBO FORM 1.
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION.

Name of Proposer: GAI Consultants, Inc.

Project Title: Riverplace Blvd. Roadway and Streetscape Improvements

Proposal Number: p-19-15

Total Base Proposal Amount (if applicable): $48,968.73 (Net Amendment Total)

***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
Adkinson Engineering	Non-MBE	Misc. Post Design Services	$25,234.20

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	
Non-MBE Participation Total	$ 25,234.20

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: Nicholas E. Mousa Title: Director Date: August 2, 2018

Print Name: Nicholas E. Mousa

PROCUREMENT DIVISION

Jacksonville
Where Florida Begins.

June 2, 2016

The Honorable Lenny Curry, Mayor
City of Jacksonville
4th Floor, St. James Building
Jacksonville, FL 32202

Dear Mayor Curry:

Ref: P-19-15 Riverplace Boulevard Bicycle and Pedestrian Improvements (Amendment No. 1)
Department of Public Works

The Professional Services Evaluation Committee met today in Board Room 851 on the eighth floor of the Ed Ball Building, for the purpose of amending the above-referenced contract.

The following motion/recommendation was adopted:

That Contract No. 9366-02, originally executed August 4, 2015, between the City and JBC Planning & Engineering, LLC, for the Riverplace Boulevard Bicycle and Pedestrian Improvements, be amended to (i) incorporate the attached Scope of Services identified as Exhibit "C"; (ii) incorporate the Contract Fee Summary identified as Exhibit "D"; (iii) change the name of the company from JBC Planning & Engineering to GAI Consultants, Inc., (iv) incorporate the Assignment & Assumption Agreement documents identified as Exhibit "E"; (v) increase the lump-sum amount for Design Services by $475,742 to a new limit of $645,658.00; and (vi) add not-to-exceed limits for: Survey in the amount of $7,500.00; Geotechnical in the amount of $26,620.00; Irrigation in the amount of $6,000.00; Utility Coordination in the amount of $28,950.00; thereby (vii) increasing the maximum indebtedness to the City by $595,200.00 to a new not-to-exceed maximum indebtedness of $765,116.00. All other terms and conditions shall remain the same. Nothing contained herein shall be amended, modified or otherwise revised without prior approval from the PSEC and the Mayor.

If the foregoing meets your approval, please affix your signature and return to my office.

Respectfully submitted,

Gregory Pease, Chief
Procurement Division
Chairman, Professional Services
Evaluation Committee

APPROVED:

MR

Lenny Curry, Mayor

This 3rd day of June, 2016

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No. 2015-05

cc: Council Auditor
James McCain, OGC
Philip Boston, GAD
Subcommittee Members

ENTERED 6/6/16 JWD

DEPARTMENT OF PUBLIC WORKS

Jacksonville
Where Florida Begins.

MEMORANDUM May 31, 2016

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

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

FROM: Tom Fallin, P.E.
Chief, Engineering & Construction Management Division

Guy Parola, P.G
Downtown Development Manager

SUBJECT: P-19-15 Riverplace Boulevard Bicycle and Pedestrian Improvements
Consultant Services Account Nos.: DICP32UTID-06505-DI0100-01
Internal Services Account No.: PWEN011AD Amendment 1

Based on the approved concept plan for the redevelopment of Riverplace Blvd the city has negotiated with the consultant to develop construction documents, permits and bid documents resulting in the Scope of Services, Exhibit C and Contract Fee Schedule, Exhibit D, attached. This project is designated to be under the Equal Business Opportunity Program with a 15% JSEB Participation Goal. JSEB firms to be utilized to meet the Participation Percentage Plan for this contract are detailed on a separate attachment. In addition, GAI Consultants, Inc. has acquired 100% of the assets and liabilities of JBC Planning & Engineering, LLC effective April 18, 2016, based on the attached assignment memorandum, Exhibit E.

Accordingly, this is to recommend that Contract 9366-02, originally executed August 4, 2015, with JBC Planning & Engineering, LLC, for the Riverplace Boulevard Bicycle and Pedestrian Improvements, be amended to incorporate the attached Scope of Services, Exhibit C and Fee Summary, Exhibit D and name change documents, Exhibit E to change the consultant's name from JBC Planning & Engineering, LLC to GAI Consultants, Inc., and to increase the Lump Sum amount for Design Services by $475,742.00 to a new limit of $645,658.00 and to add not to exceed limits for: Miscellaneous Expenses in the amount of $5,388.00, Additional Services in the amount of $45,000.00, Survey in the amount of $7,500.00, Geotechnical in the amount of $26,620.00, Irrigation in the amount of $6,000.00 and Utility Coordination in the amount of $28,950.00, thereby increasing the maximum indebtedness to the city by $595,200.00 to a new maximum of $765,116.00. All other terms and conditions of the Contract shall be as provided in the Request for Proposals and the Department of Public Works Prototype Agreement for professional services, as applicable.

TF/lw

Attachments: Exhibits C, D & E
MBE Participation

cc: Lori A. West, Engineering Contract Specialist

214 Hogan Street, 10th Floor Jacksonville, FL 32202 Phone: 904.255.8762 Fax: 904.255.8926 www.coj.net

N2

Exhibit C

SCOPE OF SERVICES
Design, Permitting and Bidding Phase Services

CLIENT: City of Jacksonville – Department of Public Works

PROJECT: Riverplace Boulevard Bicycle and Pedestrian Improvements

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

ITEM 1 - DESCRIPTION OF PROJECT

The Riverplace Boulevard Bicycle and Pedestrian Improvement Project proposes a re-construction of Riverplace Boulevard which will reduce the existing number of vehicle travel lanes, and include the development of bicycle and pedestrian improvements, as well as on-street parking which will facilitate the public's access to the Southbank Riverwalk, City's Water Taxi, and other development along the roadway. The location of these improvements will be between the Main Street Bridge/Museum Circle to the west and Prudential Drive to the south and east.

The length of road intended for redevelopment consists of approximately 2,000± LF of five (5) lane roadway, bound by curb and gutter and sidewalk on both sides of the road. Currently, there are no dedicated bike lanes, and there is limited on-street parking. Some sections of sidewalk are obstructed by above ground utilities, hindering the movement of pedestrians. Adjacent uses on the north and south sides of the roadway consist of office buildings, multi-family residential development, commercial development, as well as one (1) public access to the Southbank Riverwalk located between the Strand and Peninsula multi-family developments on the north side of the roadway. The right-of-way varies in width. Most of the right-of-way is 105', although the right-of-way narrows as it approaches the Prudential Drive right-of-way to the south.

This is a multi-phased design and construction project. A detailed scope of services and fee will be negotiated for each phase of the project as the City requests services from the Consultant. Overall project services may include but are not necessarily limited to: surveying, professional planning, engineering, landscape and hardscape design, environmental assessment (if necessary), geotechnical engineering, environmental permitting (if necessary), and any other services as may be required by the City for the full design, permitting and redevelopment of Riverplace Boulevard as described above.

The first scope of work referred to as the "Basis of Design Phase" has been completed by the Consultant. That scope of services resulted in an approved concept plan for the redevelopment of Riverplace Blvd., which serves as the basis for this phase of services.

The overall deliverable from this Phase includes approved construction documents, permits, and bid packages required for the City of Jacksonville to put this project out for construction bids.

ITEM 2 - CLIENT'S OBJECTIVES/PROGRAM

Under this phase's scope of work, the Client's objective is to develop construction documents, permits, and bid documents required to enter the project bidding phase.

ITEM 3 - SCOPE OF SERVICES

The Consultant will provide professional services and supporting Sub-Consultant services to execute the following activities:

Project Management, Geotechnical Services, Sub-surface Utility Locate Services, Utility Coordination, Supplemental Surveying, Civil Engineering, Landscape Design, Hardscape Design, Street Lighting Design, Mast Arm and Traffic Signal Design and Modifications, Permitting, Sub-Consultant Coordination, Presentations to the DDRB, Permitting and Bidding Phase Services.

Throughout the duration of this project phase, the Consultant will perform project management services, civil engineering consulting, Sub-Consultant management and coordination and perform/attend presentations as generally itemized below:

Design Assumptions and Specific Exclusions:

1. No SJRWMD Permitting will be required. It is anticipated that the design can be completed without exceeding the SJRWMD Permitting Exemption Thresholds. Project details will not consider any water quality requirements and post flow will not be increased since it is assumed system drainage will connect to existing outfall within roadway right-of-way, and net impervious area will be reduced.

2. Approved typical section from initial project study phase will not be significantly changed by the City of Jacksonville or Downtown Development Review Board.

3. Signal plans will consist of the construction of new mast arms for Riverplace Blvd at the entrance to Riverplace Tower.

   It is assumed that the typical section developed during conceptual planning stage can be modified during engineering to match two (2) existing intersection configurations at each end of Riverplace Blvd. (Main Street and Prudential Drive.) It is assumed that the southernmost, eastbound lane of Museum Circle can be converted to a Right-Turn Only, with minimal striping and signage improvements. It is further assumed that the continuation of this lane underneath the Main Street Bridge will be striped-out accordingly.

   Should the design effort or permitting requirements result in detailed evaluation and/or re-design of these Prudential and/or the Main Street Intersection with Riverplace Blvd., additional services not covered under this scope and fee will be required.

4. No traffic studies or modeling is included in this scope and fee. Consultant will coordinate with the City and FDOT on signal timing modifications if any are required.

Any traffic study desired by Public Works to assess potential impacts to the Southbank transportation network by this project is not included in this scope and fee.

5. It is assumed that improvements associated with Prudential Drive and Main Street as part of this proposal will be handled with FDOT driveway connection permits.

6. There is known contamination in the corridor however it is unknown at this time if the proposed construction will require any special environmental permitting. Accordingly, no environmental services are included in this scope and fee at this time. Should design dictate that dewatering will be a necessary part of construction, and/or soil removal as part of roadway reconstruction will require an environmental permit, it is assumed that the City's continuous environmental consultant will provide support services to the CONSULTANT, or this scope and fee will be amended to include those services.

7. Pre-Construction Metric Measurement Services are not included in this scope and fee as it is understood that the City's Bicycle and Pedestrian Master Planning Consultant may be providing certain metric measurements for the subject project corridor already. Upon City advisement of their desire to measure certain pre-construction metrics, an amendment to this scope of services can be provided.

8. Utility relocations and design will be by others (ex: utility companies), although coordination of this effort and incorporation of this information into the project plans is included in this scope of work as outlined below.

9. The access to The Southbank Riverwalk in between The Peninsula and The Strand will remain unchanged.

10. This scope includes a limited amount of meetings (2) with adjacent property owners to discuss potential driveway modifications and/or other coordination matters at the AvMed Building and at the Strand/Peninsula Building. All other existing driveways will be matched and kept in place.

11. Two (2) DDRB meetings are included in this scope of work. One will be at the 30% Design Stage and will serve as an update/workshop to the DDRB. The other will be seeking final project approval at the 90% Design Stage.

12. Client Update Meetings are included for the kickoff of the design, and at the 30, 60, and 90% Design stages.

13. 30% Design plans will identify major project components, and placement of same. Any changes required by the Client after the 30% designs stage is completed will be considered out of scope and subject to additional fees.

14. Specialty Placemaking Signage and Gateway Features are excluded from this scope of services.

15. Improvements to Prudential Drive and Main Street other than those noted in the scope below.

16. Evaluation of existing storm water infrastructure is excluded. It is assumed that the new roadway drainage system will connect to existing infrastructure and upgrades to that infrastructure will not be required as there are no known existing drainage deficiencies within the corridor.

17. Stormwater attenuation design or permitting is excluded. It is assumed that post-development conditions will be equal or less than pre-developed conditions.

18. All JEA Water and Sewer Design and Permitting is excluded. None is anticipated nor has any been requested.

19. No right of way or temporary construction easement acquisition. It is assumed that the City's Survey Dept. will coordinate these needs or an amendment to this scope of services will be provided.

20. Unless an item is specifically addressed in the scope of services below, it should be considered excluded unless otherwise advised by the CONSULTANT.

Task 1: Data Collection and Review

1. Meet with FDOT to discuss project and for input on signal and traffic operations for Riverplace Blvd. at both Prudential Drive and at Main Street.

2. Collect existing outfall plans from FDOT, existing private development drainage plans from SJRWMD, City of Jacksonville Master Stormwater Plans and the new Riverwalk plans.

3. Authorize additional surveying services included herein to verify exact dimensions of right-of-way encroachments found on the initial topographic survey.

4. Authorize geotechnical services as outlined below.

Task 2: Analysis/Engineering

A. Drainage Analysis/ Plan Development

Where applicable/feasible within existing infrastructure, all drainage recommendations shall be based on the City Standard Specifications and Details, the Land Development Procedures Manual and the regulations and policies of applicable permitting agencies. The preliminary drainage assessment to be completed will consider concept plans. The final design will ensure that post-improved conditions do not increase stormwater runoff from the project area. Detailed drainage analysis of the complete drainage network outside the project area is not included in the scope of this work. It is assumed that water quality requirements and subsequent treatment volumes will not be considered as part of the drainage analysis and design. CONSULTANT will design a drainage plan that retro-fits and utilizes existing infrastructure where feasible.

Storm Drainage Analysis/Design Services will include:

- Storm Sewer Design

- Drainage Structure Sheets
- Summary of Drainage Structure Sheets
- SJRWMD permit exemption request.
- NPDES Details including SWPPP, Erosion and Sedimentation Control Plans.

B. Roadway Plans

Design Analysis:

- Design will be inside existing right-of-way limits.

- Typical Section Package: CONSULTANT will prepare Typical Sections for the project to be submitted to the City of Jacksonville for review and approval. This package will include the recommended pavement design.

- Geometrics- CONSULTANT shall design the geometrics for the project using the design standards that are most appropriate with proper consideration given the design traffic volumes, design speed, capacity and levels of service, functional classification, adjacent land use, design consistency and driver expectancy, aesthetics, pedestrian concerns, ADA requirements, elder road user policy, access management, and scope of work.

  The design elements will include: the horizontal and vertical alignments, lane widths, shoulder widths, cross slopes, borders, sight distance, lane transitions, and intersection features.

Roadway Plans: As may be necessary, CONSULTANT will prepare plan sheets, notes, and details to include, if required, the following: key map, typical Section sheet(s) with notes, summary of quantities sheets, plan/profiles sheets, intersection detail sheets, back of sidewalk profile sheet(s), soil data sheets, cross sections, baseline control data and curve data, and any other detail sheets necessary to convey the intent and scope of the project for the purposes of construction. The roadway design will also include the design necessary to provide required improvements to all intersecting roadways identified by CONSULTANT during the design process.

C. Utility Adjustment Sheets

SUB-CONSULTANT will schedule a Utility Pre-Design meeting. The purpose will be to determine the effects the project has on existing and proposed facilities. Subsequent to the pre-design conference, utility owners will provide SUB-CONSULTANT with required relocation design and details. SUB-CONSULTANT will incorporate these details into the utility adjustment sheets. 90% utility adjustment plans will be forwarded to all affected utilities for concurrence.

D. Subsurface Utility Locates (Limited Amount)

A limiting amount of underground utility information will be needed to address storm sewer reconstruction over the project limits and utility locations as they may interfere with proposed mast arm foundation locations. Subsurface utility locates or "soft dig" test holes will be utilized to vertically and horizontally verify key existing utilities locations. All "vvh"

data will be shown in the utility adjustment sheets. This information will used in determining where utility conflicts exist, designing improvements to avoid conflicts, and minimizing the chance of unforeseen conflicts during construction. Due to the unknown scope of these required services, an allowance has been included for these locate services as a reimbursable direct expense.

E. Traffic Control, Business and Pedestrian Maintenance Plans

CONSULTANT will design a safe and effective Traffic Control Plan to move vehicular and pedestrian traffic during all phases of construction. This scope of services assumes two (2) phases of MOT will be required. If more than two (2) phases of MOT are required, additional services may be submitted as an amendment to this scope and fee.

Elements and key construction measures addressed in the plans may include:

- **Pedestrian traffic**: temporary protected pedestrian walkways, pedestrian detours, temporary easements, construction steps and sequencing techniques with appropriate construction limitations.
- **Vehicular access:** major phasing requirements, lane limitation requirements, traffic detours and rerouting, special signage, limited mainline and side street closures, maintaining side street circulation, temporary signals as required.
- **Emergency vehicle access**
- **On-street parking** will not to be maintained during construction.
- **Maintaining utility services:** minimizing interrupted service by construction sequencing, limiting switch-over times, coordination with JEA engineering during design of utility.
- **Maintenance of bus routes** and stops will be considered in the traffic control plan.

CONSULTANT will prepare contract plan sheets, notes, and details to include: typical sections, general notes and sequencing information, plan sheets, temporary driveway details, and business access details.

F. Mast Arm and Signalization Plans

CONSULTANT will provide for Mast Arms Structural Design, and Signal Modification Design Plans. It is assumed that new mast arms and signal heads will be required for Riverplace Blvd. at the entrance to Riverplace Tower. It is anticipated that existing mast arms at Riverplace Blvd. and Prudential Drive and at Main Street will not need to be modified, although signal timing modifications may be required at this location. No traffic studies or modeling is included in this scope and fee. Consultant will coordinate with the City and FDOT on signal timing. Any traffic study desired by Public Works to assess potential impacts to the Southbank transportation network by this project will be provided by others. Design of the proposed mid-block pedestrian crosswalk with rapid flashing warning system is included in this scope of work.

G. Geotechnical Engineering

SUB-CONSULTANT will provide for geotechnical services consisting of exploratory pavement cores, and borings at the proposed mast arm location at Riverplace Blvd. at the Riverplace Tower. SUB-CONSULTANT will also take borings at the location of Main Street

and Riverplace Blvd. in the event new mast arms are required at this locations, although the design of any mast arms at that location are currently not anticipated or included in this scope of work. SUB-CONSULTANT's fee includes providing for the proper securing of cores taken on-site due to contamination concerns. The cores will then be sampled for contamination and removed accordingly.

H. Lighting Plans

CONSULTANT will model fixture photometrics for determining street light and sidewalk requirements. Unless otherwise directed by the City, illumination requirements will meet FDOT standards for both roadway and pedestrian sidewalk. Separate lighting for bicycle lanes is not planned. This scope does include some amenity lighting (landscape lighting). CONSULTANT will coordinate with the JEA to ensure consistency in the design of lighting appurtenances.

The following information will be incorporated into the Lighting Plans:

- Pull box and conduit locations and details
- Conductor requirements/ design/ phase determinations
- Photocell details
- Standard foundation and anchor details
- Supplemental Specifications if required.

I. Landscape/Hardscape/Streetscape Plans

CONSULTANT will provide for Landscape/Irrigation/Hardscape/Streetscape and Plans including working with the CLIENT to select finishes for street furniture, hardscape, pedestrian walkways, paths, seating areas, and site lighting fixtures. CONSULTANT will develop plans for review at the 30/60/90 and 100% Design Stages for review, including review meetings with City Staff. Note that there are no water features proposed for this project, and accordingly, all MEP services are excluded. Structural needs for a limited amount of amenity structures (ex: seating walls) are included in this scope and fee to be performed by CONSULTANT.

Task 3: Bidding Services

CONSULTANT will provide for bidding services which will include working with Public Works and the DIA on the preparation of City Standard Bid Package, Attendance at the Pre Bid Meeting, Review and respond to any questions and prepare addendums as necessary. Evaluation of bids, and a post-bid, pre-award conference with the apparent low bidder is also included. It is assumed that the City Project Manager will provide the Consultant with the City Standard Bid Forms which need to be edited and modified to accomplish this task. It is further assumed that electronic versions of the bid documents will be provided to the City for reproduction/dissemination among the bidders.

Task 4: Post Design Services: To be negotiated at a later date.

ITEM 4 - FEE

See the attached Exhibit D titled "Contract Fee Summary for Riverplace Blvd. Bicycle and Pedestrian Improvements – Design, Permitting, and Bidding Phase Services".

A contingency has been included in the fee summary direct expenses. The contingency may be authorized by the City Project Manager as the need may arise during this phase of the project.

ITEM 5 – SCHEDULE

Upon NTP, a design and permitting schedule will be provided to Public Works, and updated at the 30, 60 and 90% design stages. At this time, we estimate the design and permitting of this project to be a twelve (12) to thirteen (13) month process, depending upon the timely review of regulatory agencies, scheduling the project for review before the DDRB, etc.

ITEM 6 – PROJECT SUBMITTAL REQUIREMENTS

30% Submittal

- Roadway plans including: typical sections, drainage map, plan and profile roadway sheets, drainage structures, cross sections, MOT (typical sections and general phasing), utility relocation plans, signing and pavement marking plans. Lighting and signal locations will be shown in plan for reference to the intent.
- Schematic LS/HS Plans
- Prepare Initial Opinion of Probable Construction Cost (OPC)
- Meet with COJ to review comments on 30% submittal
- Participate in DDRB Workshop

60% Submittal

- Roadway plans including: typical sections, drainage map, plan and profile roadway sheets, drainage structures, cross sections, MOT, utility relocation plans, signing and pavement marking plans, lighting plans and signal plans, and structural plans.
- Design Development LS/HS Plans
- Update Opinion of Probable Construction Cost (OPC)
- Meet with COJ to review comments on 60% submittal
- Apply for/Obtain SJRWMD Permit Exemption

90% Submittal

- Roadway plans including: typical sections, drainage map, plan and profile roadway sheets, drainage structures, cross sections, MOT, utility relocation plans, signing and pavement marking plans, lighting plans and signal plans, and structural plans.
- 90% LS/HS Plans
- City Specifications
- Prepare Quantities and Update Opinion of Probable Construction Cost (OPC)
- Acquire FDOT Driveway Connection Permits for connections of Riverplace Blvd with Main Street (SR 10) and Prudential Drive (SR 13)
- Obtain DDRB Final Approval
- Meet with COJ to review comments on the 90% submittal.

100% Submittal / Final Submittal

- Roadway plans including: typical sections, drainage map, plan and profile roadway sheets, drainage structures, cross sections, MOT, utility relocation plans, signing and pavement marking plans, lighting plans and signal plans, and structural plans.
- Final LS/HS Plans
- City Specifications
- Prepare Quantities and Opinion of Probable Construction Cost (OPC)
- Prepare and Finalize Bid Documents

Deliverables: Plan Submittal copies, bid documents, original signed sealed documents and permits will be provided and billed under reimbursable expenses as noted in fee estimate.

ITEM 7 – RESPONSIBILITIES OF THE CLIENT

It is understood that the Client will work with the Consultant to provide any existing information, data, and/or coordination efforts as mutually agreed to be efficient and effective to both parties.

ITEM 8 – ADDITIONAL SERVICES

This is a multi-phased project. Additional project phases will consist of services such construction administration services, and any other services deemed necessary beyond the scope of work contained herein.

The scope and fee for those additional services will be provided via a separate scope and fee proposal, and will be subject to negotiations between the Consultant and the Client.

ITEM 9 – DIRECT EXPENSES

Consultant has established a Reimbursable Direct Expense Allowance to be supported with receipts or invoices as necessary to seek reimbursement of direct expenses. Anticipated direct expenses are outlined on the attached fee summary "Exhibit D"

ITEM 10 – INVOICING

Project invoicing will occur on a monthly basis and will entail all labor costs and expenses incurred for the applicable month's services.

EXHIBIT D

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project **Riverplace Blvd Bicycle & Pedestrian Improvements - Final Design**	**2. Proposal No. / Contract No.** P-19-15 / 9366-02
3. Name of Consultant **GAI Consultants, Inc.**	**4. Date of Proposal** 5/25/2016

PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Sr Director	$ 100.00	65	$ 6,500.00	
Director (PM)	$ 50.00	200	10,000.00	
Engineering Manager	$ 55.29	200	11,058.00	
Senior Project Engineer	$ 48.50	512	24,832.00	
Project Engineer	$ 37.98	402	15,267.96	
Engineer Intern	$ 25.02	493	12,334.86	
Senior Designer	$ 35.00	402	14,070.00	
Sr. CADD	$ 30.00	450	13,500.00	
CADD	$ 26.50	274	7,261.00	
Sr Director (LS)	$ 83.78	40	3,351.20	
Director (LS)	$ 64.63	150	$ 9,694.50	
Manager (LS)	$ 49.00	200	$ 9,800.00	
Sr Project Professional (LS)	$ 36.05	220	$ 7,931.00	
Technician 2 (LS)	$ 29.13	380	$ 11,069.40	
Clerical	$ 15.00	40	$ 600.00	
TOTAL DIRECT LABOR	$ 39.04	4028		$ 157,270
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	175 % x Total Direct Labor			$ 275,223
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 432,493
8. PROFIT: Labor Related Costs (Item 7)		x	10%	$ 43,249
TOTAL LUMP SUM LABOR FEE (GAI)				$ 475,742

PART III - OTHER COSTS		
9. Miscellaneous Direct Costs		
Transportation	$	
Reproduction	$	
Other	$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 475,742
10. Expenses and Contingecies (Reimbursable/Not-to-Exceed)		
Expenses - Transportation, printing,VMBs, Rentals, Shipping, etc.	$ 5,388.00	
Additional Services (Contingency - A scope and fee/upset limit will need to be approved prior to any work being performed.)	$ 45,000.00	
SUB-CONTRACT SUB-TOTAL		$ 50,388
11. SUBCONSULTANTS (Reimbursable Costs - Limiting Amount)		
Johnson Survey and Mapping (JSEB)	$ 7,500.00	
Meskel & Associates Engineering, PLLC (JSEB) - Geotech	$ 26,620.00	
Kevin Smith Irrigation	6,000.00	
Adkinson Engineering (JSEB) - Utility Coordination	$ 28,950.00	
SUB-TOTAL REIMBURSABLES		$ 69,070

PART IV - SUMMARY	
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 595,200**
12. PRIOR CONTRACT AMOUNT	$ 169,916
AMENDED AMOUNT OF CONTRACT	**$ 765,116**

EXHIBIT E

JBC | PLANNING & ENGINEERING LLC

May 24, 2016

Lori A. West
Engineering Contract Specialist
Department of Public Works
Engineering and Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202

Re: Acquisition of JBC Planning & Engineering, LLC

Dear Lori:

Please be advised that effective April 18, 2016, JBC Planning & Engineering, LLC (JBCPE) was acquired in its entirety by GAI Consultants, Inc. (GAI).

As referenced in the attached assignment and assumption agreement, GAI has purchased 100% of the assets and liabilities of JBCPE. GAI's acknowledgement of this acquisition is evidenced by their signature on the attached agreement.

At this time we are asking you to take the necessary action to assign the Riverplace Blvd. Bicycle and Pedestrian Improvements Contract (#9366-02) from JBC Planning & Engineering, LLC to GAI Consultants, Inc.

If you have any questions, please do not hesitate to contact me.

Regards,

JBC PLANNING & ENGINEERING, LLC

Nicholas E. Mousa

Nicholas E. Mousa, AICP
Managing Principal

Attachment: Assignment and Assumption Agreement

Assignment and Assumption Agreement

THIS Assignment and Assumption Agreement (hereinafter referred to as "Agreement"), effective this _____ day of _____, 2016, (the Effective Date), is made by and between the CITY OF JACKSONVILLE, located at 117 W. Duval Street, Jacksonville, FL 32202 (hereinafter referred to as the "CLIENT") and GAI Consultants, Inc. with offices at 1301 Riverplace Blvd, Suite 900 Jacksonville, FL 32207. (hereinafter referred to as GAI).

WHEREAS, Prior to the Effective Date of this Assignment and Assumption Agreement, the CLIENT had contracted with JBC PLANNING & ENGINEERING, LLC (JBCPE) for certain engineering services related to RIVERPLACE BLVD. BICYCLE AND PEDESTRIAN IMPROVEMENTS (#9366-02) pursuant to a certain contract, dated, August 4, 2015 (the subject contract).

WHEREAS, GAI has acquired 100% of the assets and liabilities of JBCPE effective April 18, 2016.

WHEREAS, JBCPE and GAI are desirous of CLIENT granting permission for the assignment of the subject contract to GAI Consultants, Inc. effective _____, 2016, from which date GAI shall be solely responsible for and assume all responsibilities for continued performance after _____, 2016,

WHEREAS, GAI is agreeable to assuming and performing remaining professional services on behalf of the CLIENT related to the subject contract, subject to the terms and conditions of this Agreement,

NOW WHEREFORE, GAI and the CLIENT do hereby agree as follows:

Article 1 **Scope of Services**

GAI shall assume responsibility for performing and completing all obligations and services that JBCPE was responsible for and had agreed to perform under the subject contract for the benefit of CLIENT.

Article 2 **Responsibilities of the CLIENT**

As necessary for GAI to perform the services agreed to under this Agreement, the CLIENT agrees to:

Continue performance of all obligations and services it is responsible for and had agreed to perform for JBCPE under the subject contract for the benefit of GAI.

IN WITNESS WHEREOF, GAI AND the CLIENT have executed this Agreement as of the date first above written.

CITY OF JACKSONVILLE

By _____

Name _____

Title _____

GAI CONSULTANTS, INC.

By _____

Title Gregory T. Nettuno, P.E.
Senior Vice President