

**Solicitation
For Participation in
Construction Services for the Arlington East WRF Expansion Project
for**



Jacksonville, FL

Solicitation Number 1411852047

Mandatory Pre-Proposal Meeting in Person on October 11, 2024, at 1:00 PM

Located at:

**Arlington East WRF
1555 Millcoe Road, Jacksonville, FL 32211**

Email Marline McDonald (mcdomv@jea.com) 24 hours before the Pre-Bid Meeting so that your attendance can be confirmed.

Mandatory Site Walkthrough on

October 11, 2024, immediately following Pre-Bid Meeting

Arlington East WRF

1555 Millcoe Road, Jacksonville, FL 32211

(Appropriate PPE for the site visit will be safety boots, vest, hard hat, and safety glasses)

Bids are due on November 19, 2024, by 12:00 PM ET

All Responses shall be submitted through JEA's E-Procurement and Contract Management Portal which is provided by Zycus Supplier Network which can be accessed at <https://zsn.zycus.com/guest>. Instructions on how to login to Zycus are provided below in this Solicitation.

JEA will publicly open all Bids received from qualified Bidders on the Bid Due Date, via WebEx. A meeting link will be provided within 48 hours of Proposal opening on jea.com

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Solicitation

1. SOLICITATION

1.1. SCOPE OF WORK

The purpose of this solicitation for Arlington East WRF Expansion Project (this "Solicitation") is to evaluate and select a vendor to provide furnishing all equipment, superintendence, labor, skill, material, and all other Items necessary for the construction of the Arlington East WRF Expansion work as described in this Solicitation (the "Work") and to determine the best method for JEA to procure the Work with regards to pricing, quality, design, and workmanship.

Additional information can be found in Appendix A - Technical Specifications and Appendix A - Drawings.

1.2. BACKGROUND

JEA owns, operates, and manages the electric system established by the City of Jacksonville, Florida since 1895. In June 1997, JEA also assumed operation of the water and sewer system previously managed by the City. JEA is located in Jacksonville, Florida, where we proudly serve an estimated 522,469 electric, 396,566 water and 316,441 sewer and 26,902 reuse water customers. JEA is Florida's largest community owned utility and the eighth largest municipal in the United States.

1.3. INVITATION - SUBMITTING A RESPONSE

Respondents that meet the Minimum Qualification stated herein are invited to submit a Response to this Solicitation to perform the Work. A complete copy of this Solicitation, the Technical Specifications, forms and all other documents referenced in this Solicitation are on JEA's E-Procurement and Contract Management Portal which is provided by Zycus Supplier Network which can be accessed at <https://zsn.zycus.com/guest/genericRegister/JEA074>. Instructions on how to login to Zycus is provided below in this Solicitation.

All Responses are due at the time indicated on the title page of this Solicitation. Section 1 of this Solicitation are the instructions for submitting a Response for this Solicitation. Section 2 of this Solicitation contain the definitions and commercial contract terms associated with this procurement.

A Contract will be presented to the Respondent awarded this Work and the Contract will incorporate by reference this entire Solicitation and all associated Addenda. A sample of the JEA Contract can be found on jea.com.

All documentation submitted with a Response must reference the Solicitation Title and Number stated herein. All Responses must be made on the appropriate forms and formats as specified by this Solicitation and uploaded to JEA's procurement platform.

All Responses should be delivered electronically to JEA via the Zycus platform. An automated, detailed auditing system provides sealed Response integrity. Responses remain sealed on the platform until the Close Date & Time (Due Date & Time).

A Respondent shall be solely responsible for timely delivery of its Response to the Zycus Supplier Network. Respondents are strongly encouraged to acquire log in credentials early as possible. Additionally, Respondents are encouraged to submit Responses early to ensure uploading process goes smoothly. **If Respondent is not able to submit its Response via Zycus, then please email the Response to the JEA Buyer identified in the Section below titled "Questions".**

A.

Responses are due by the time and on the date stated on the cover page of this Solicitation. **LATE RESPONSES MAY BE REJECTED.**

1.4. ZYCUS INSTRUCTIONS

I. How to Log Into Zycus

A. New Users – Zycus

1. New Users will need to register to login. Registration will require Company name, address, phone, contact, title, phone, and email address. Also, it is recommended users use Google Chrome to access Zycus.
2. Note if the company is already doing business with JEA, you may find the company is already registered in Zycus. To find out if you are registered, try entering your email address in the New User Registration screen. If you receive a message stating, "Email ID already registered", log in as an Existing User Log-in". If you don't know your password, enter your email address, and click on "Forgot Password".

B. Existing Users or New Users with Previously Registered Emails

- A. Once the user has a login on the sourcing platform select "Existing User Log-in", the user may navigate to the solicitation by selecting the icon for the applicable solicitation.

II. How to Submit a Response Using Zycus

1. Once logged in, users will see all JEA Sourcing Events, then select the applicable event.
2. Once in the Sourcing Event. The Sourcing Event has prompts for actions required to respond to the solicitation.
3. For the user to proceed to submit a Response to JEA using Zycus, the user will be required to provide its acceptance of the of the Zycus iSource Terms & Conditions associated with the work. Such Terms and Conditions may cover non-disclosure, safety, cyber security, Invitation for Bid contract terms, etc.
4. Once all terms are accepted, additional Solicitation information will be available for viewing and submitting a Response by selecting "Confirm Participation". JEA will then have a record indicating the company intends to submit a Response.
5. A user then can respond to each section of the Solicitation, once completed with each section, select "Save". Note each section has a red, yellow, green light code. Items will turn green once completed. Yellow and red lights mean there is additional action required. Users may also note under each tab, there are multiple questions to respond to scroll down the list to ensure all questions are answered.
6. In most Solicitations, JEA will provide Technical Specifications, pricing tables in Excel which the user will need to download. Additionally, Excel pricing tables may need to be uploaded once completed to as part of the Response. Users can download the required attachments by selecting the "Buyers Attachments" icon.
7. Once the required forms are uploaded and saved, the section light will turn green. Once all sections are completed and green lighted, the User may select "Submit Response".
8. Once the user selects "Submit Response", the user will receive a "Success" pop-up when submitted.
9. Once submitted users may recall and modify submitted documentation and submit information until the Response Due Date and Time.

1.5. QUESTIONS

All questions must be submitted in writing to the JEA Buyer listed below at least five (5) business days prior to the opening date. Questions received within five (5) business days prior to the opening date will not be answered.

For All Questions:
Buyer: Marline McDonald

E-mail: mcdomv@jea.com

1.6. MANDATORY PRE-BID AND SITE VISIT - IN PERSON

There will be a Mandatory Pre-Bid and Site Visit meeting. All interested Respondents will be required to sign in at the beginning of the meeting. A Respondent should only sign in representing one company, unless otherwise specified by JEA. Required PPE for this site visit are safety boots, vest, hard hat, and safety glasses. Attendance to the Pre-Bid/Site Visit is required for a Respondent to submit a Response.

PLEASE BE AWARE DUE TO JEA SIGN IN AND/OR SECURITY PROCEDURES IT MAY TAKE UP TO FIFTEEN (15) MINUTES TO OBTAIN ACCESS TO A JEA FACILITY. PLEASE PLAN ACCORDINGLY SO AS TO ARRIVE TO THE PRE-BID MEETING ON TIME.

Pre-Bid Site Visit Meeting Date: October 11, 2024

Pre-Bid Site Visit Meeting Time: 1:00 PM

Pre-Bid Site Visit Meeting Location: Arlington East WRF - 1555 Millcoe Road, Jacksonville, FL 32211

1.7. TENTATIVE TIMELINE

TENTATIVE SOLICITATION TIMELINE	
CALENDAR EVENT	DATE
Solicitation Posting and Release	October 2, 2024
Pre-Bid Meeting/Site Visit	October 11, 2024 @ 1:00 PM
Solicitation End Date (Bids Due)	November 19, 2024
Low Bid Review by JEA Board Capital Committee	February 2025 (Day TBD)
Contract approval by JEA Board	February 2025 (Day TBD)
Contract Execution	March 2025
Purchase Order Issued (to allow for material ordering)	April 2025
Notice to Proceed Issued	TBD

1.8. OPENING OF RESPONSES

All Responses received shall be publicly announced and recorded via WebEx at the date and time indicated on the cover page of this Solicitation.

The details for the WebEx will be on jea.com at the following website: <https://www.jea.com> approximately 48 hours before the Response opening.

At the opening of Responses, a JEA representative will publicly open each Response that was received prior to the Date and Time, except for those Responses that have been properly withdrawn. JEA has the right to waive irregularities or informalities in the Responses to the extent allowable under applicable laws.

1.9. MINIMUM QUALIFICATIONS

Respondent must meet the following Minimum Qualifications to be considered eligible to have its Response evaluated by JEA. Respondent must complete and submit the Minimum Qualification Form provided in this Solicitation. Respondents that are working or have worked for JEA in the past 2 years involving similar work must submit JEA as a reference. JEA reserves the right to ask for additional back up documentation or additional reference projects to confirm the Respondent meets the requirements stated above.

JEA will reject Responses from Respondents not meeting all of the following Minimum Qualifications:

- I. Adequate and available bonding capacity to enter into a contract with a cost of \$100,000,000 as evidenced by a letter from a Surety.
- II. A minimum of two (2) Wastewater Treatment Plants constructed in the past ten (10) years: one (1) expanding a Wastewater Treatment Plant to 5 million gallon per day (MGD) Annual Average Daily Flow (AADF) or larger **and** one (1) project constructing and/or expanding a 5 MGD AADF or larger Wastewater Treatment Plant. Responses must include the following information:
 - List of services provided by the prime Contractor and those that were subcontracted to other companies, with a total percentage of the work subcontracted.
 - Project name, owner name, engineer name, owner contact person, phone numbers and emails for both engineer and owner.
 - Description of project.
- III. Respondent shall have a valid State of Florida General Contractor's license number.

Any Respondent whose contract with JEA was terminated for default within the last two years shall have its Response rejected.

1.10. NUMBER OF CONTRACTS TO BE AWARDED

JEA intends to Award one (1) Contract for the Work. JEA reserves the right to Award more than one Contract based on certain groupings of the Work items, or JEA may exclude certain Work items, if JEA determines that it is in its best interest.

1.11. INSURANCE REQUIREMENTS

Prior to JEA issuing a Purchase Order to the Company to begin the Work, the Company shall submit a certificate of insurance (COI) that is in compliance with amounts and requirements as indicated in this Solicitation. Note that the COI shall specifically indicate JEA as additional insured on all required insurance except Worker's Compensation and Professional Liability (if applicable). Furthermore, waiver of subrogation must be provided for all required insurance in favor of JEA, including its board members, officers, employees, agents, successors, and assigns.

1.12. LIQUIDATED DAMAGES IN CONTRACT

The Contract issued pursuant to this Solicitation contains liquidated damages tied to project completion deadlines. The Respondent should review the specific time frames and liquidated damage amounts prior to submitting its Response.

1.13. JACKSONVILLE SMALL AND EMERGING BUSINESS (JSEB) PARTICIPATION GOAL

The specific JSEB participation requirement for the Scope of Work described in this Solicitation is: **5%**. This percentage is the percentage of the Respondent's total bid price, less the Supplemental Work Authorization (SWA), General/Special Conditions, and other allowances as listed in the Bid Workbook, and as noted in the Award documentation, that must be awarded or subcontracted to JSEB firms. Failure to fully comply with the JSEB requirements stated herein may disqualify the Response. Respondents are required to complete and submit with their Response the List of Subcontractors Form, which can be found at www.jea.com. Respondents must specify on the List of Subcontractors Form how they intend to comply with the JSEB participation requirement stated herein. Respondents that do not meet the JSEB participation requirement and/or do not submit a List of Subcontractors Form with their Response may have their Responses rejected, unless they are exempted under the good faith exception described below.

In no case shall the Respondent make changes to the JSEB firms listed in its Response, revise the JSEB Scope of Work or Dollar Amount as stated in its Response without prior written notice to the JEA Project Manager and JEA Manager Supplier Diversity Programs, and without subsequent receipt of written approval from JEA Project Manager and JEA Manager Supplier Diversity Programs. JSEB firms that qualify for this Contract are those shown on the current City of Jacksonville JSEB Directory appearing at <https://jaxseb.coj.net>. Certification of JSEB firms

must come from the City of Jacksonville. No other agency or organization is recognized for purposes of this Contract.

If the Response does not comply with the JSEB participation requirement established in this Solicitation, the Respondent must submit documentation as part of its Response describing in detail its good faith efforts to comply with the JSEB participation requirement of the Solicitation. This documentation shall include at a minimum the following items:

1. The Respondent shall contact the JEA Manager Supplier Diversity Programs for assistance when all independent attempts (emails, phone calls, faxes, and letters) to contact qualified JSEB firms have failed and shall do so in adequate time for JSEB firms to be identified and to allow JSEB firms adequate time in which to respond.
2. A written and signed statement describing the level of effort for each of the requirements listed below, including dates and times, people whom the Respondent contacted and phone numbers to enable JEA to confirm good faith efforts.
3. Emails and copies of written solicitations of participation the Respondent sent to qualified JSEB firms, showing adequate response time was provided, defining the scope and nature of the work the JSEB firm is asked to perform, Respondent contact information for questions and follow-up, and an offer to meet to review plans, specifications, and scope.
4. A statement of the Respondent's efforts to negotiate a suitable agreement with JSEB firms including call logs showing participants, dates, times, topics discussed, and open issues.
5. A statement of the Respondent's efforts to help qualified firms that may require assistance in obtaining bonding, insurance, financing, technical support, procedural information, or other items necessary to compete for and perform the Work.
6. For each offer received from a qualified JSEB firm but rejected by Respondent, a statement explaining why such offer was not made part of the Response.
7. For each qualified JSEB firm contacted but considered unqualified by the Respondent to perform a portion of the Work, a statement of the reasons Respondent considered firm to be unqualified.

Failure by the Respondent to contact the JEA Manager Supplier Diversity Programs as required herein will be considered when determining if the Respondent has made a good faith effort. The Respondent understands and agrees that receipt of a lower bid from a non-JSEB qualified firm, will not in and of itself, be sufficient reason to justify failing to meet the JSEB requirements of the Solicitation. The determination as to whether the Respondent made a good faith effort in trying to achieve the JSEB participation requirement of this Solicitation will be made solely by JEA and prior to Award.

All questions and correspondence concerning the JSEB program should be addressed to the following contact:

Bill Hickey
Manager, Supplier Diversity Programs and Procurement Services
JEA
hickwj@jea.com or jsebprogram@jea.com

1.14. BASIS OF AWARD

JEA will Award a Contract to the responsive and responsible Respondent whose Response meets or exceeds the Minimum Qualifications set forth in this Solicitation, and whose Response is the highest evaluated based off the Selection Criteria stated herein.

Please note, JEA may reject Responses that request material changes or take exceptions to JEA commercial terms and conditions.

Responses will be scored and ranked by a committee of evaluators. Each evaluator will individually score the Responses using the evaluation matrix attached to this Solicitation. Using these scores, each evaluator will rank the Responses using "1" for the Response receiving the highest number of points from the matrix. Responses with an equal number of points will receive the same numerical ranking. JEA will total the numerical rankings for each Response and consider the Response with the lowest total to be the most highly qualified Response. Any tie will be broken using the total of the numerical matrix scores of all evaluators. If a tie persists, the tie will be broken in accordance with the JEA Procurement Operational Procedures.

1.15. SUBMISSION FORMAT

A Response must not exceed twenty (20) total pages (most or all formatted 8.5" x 11" pages), excluding JEA supplied forms and resumes. A maximum of two (2) of the total pages may be formatted 11" x 17". Font size must be ten (10) point or greater throughout the Response.

1.16. SELECTION CRITERIA

The following criteria will be used by JEA to evaluate and rank Responses from Respondents who meet the Minimum Qualifications specified in this Solicitation.

1.16.1. TOTAL RESPONSE PRICE

Maximum score: 50 Points

Respondent shall provide a firm price quote for all Work in this Solicitation by completing the Response Form and Response Workbook included in Appendix B. The prices quoted must include all profit, taxes, benefits, travel, percent mark-up, and all other overhead items. The prices quoted by Respondent on the Response Form must be firm-fixed prices, not estimates. JEA may, at its sole discretion, choose either Bid Alternate Total listed on the Response Workbook as the basis of evaluation in lieu of the Total Response Price.

1.16.2. KEY STAFF EXPERIENCE

Maximum score for this criterion is: 15 points

The Respondent will provide a proposed team organization chart, including identification of all Key Personnel as defined below, including their name and description of their proposed roles and responsibilities. Subcontractors holding key roles in the team organization should be included and clearly identified as such. If the Respondent is a Joint Venture (JV), each individual's firm affiliation should be indicated in the organization chart. The organization chart should be accompanied by a narrative summary indicating the functional responsibilities and designated authority of personnel and entities identified.

A. Key Personnel

The Respondent shall provide a maximum of four (4) resumes of the key staff to be assigned to perform the Work. The resumes provided shall identify the Project Executive, Project Manager, Construction Manager or General Superintendent, Project Health, and Safety Manager (collectively, the "Team Members or Key Personnel"). Team Members (as detailed above) shall only serve in one (1) Team Member role.

Note, the Project Manager must be from the company or JV submitting the Response and not a Subcontractor. Persons whose resumes are submitted as a Team Member must actually perform the Work unless Respondent receives prior approval by JEA to use a backup Team Member. Finally, if the Respondent submits a resume of a Subcontractor that is employed by a JSEB firm, please note this on the resume.

At a minimum, each resume shall present the Team Member's name, title, years of service with company, applicable professional registrations, education, and work experience as related to this project. For each Key Personnel, a minimum of three (3) similar projects of size, type, and scope on which they held a key delivery role should be included. Resumes should clearly describe the role of the Key Personnel in each project listed. Resumes shall also identify any specialty or technical process expertise. Resumes shall not be more than two (2) pages each on 8.5" x 11" sized paper. No more than four (4) resumes will be evaluated.

The Project Manager's resume should include water/wastewater plant projects on which he or she served in a Project Management capacity. Each project referenced should include contact information for primary and secondary references. The review team will select a minimum of one or up to the total number of projects and contacts listed on the Project Manager's resume for reference checks. The Respondent shall be responsible for verifying the contact numbers submitted on the resume, as the Selection Review Committee, or their designee, will make a reasonable effort to contact references based on the contact information provided.

B. Provide a summary of the experience the team being presented has working with one another on similar projects.

C. Provide an organization chart for proposed key personnel and any other proposed staff, including subconsultants.

Points will be awarded as described on the Evaluation Matrix attached to this RFP.

1.16.3. RELEVANT PROJECT EXPERIENCE

Maximum score for this criterion is: 15 points

Respondent's record of successful performance accomplishing similar services on past projects.

The Respondent will provide past project experience and performance information for, five (5) relevant projects that the Respondent's team has worked on in the past ten (10) years, or that will be at least 50% complete (construction) by the RFP Due Date.

Relevant project experience refers to projects with comparable scope, type, size, and number of common team members. Emphasis on project selection should include projects in the United States, which provided similar site characteristics, potential types of temporary and permanent works structures, geotechnical conditions, climate, and surrounding wetlands. Please refer to Appendix A - Technical Specifications for more details on the project scope.

Respondent may use the same projects as used for meeting the minimum qualifications. For each project listed, include the following:

- a) Description of the project including scope and delivery model
- b) List of Key personnel proposed on this project that worked on the relevant project
- c) The type and percent of work self-performed
- d) Project's original contracted construction cost and final construction cost along with the explanation of any differences
- e) Original construction dates and actual construction dates along with the explanation of any differences
- f) JSEB or similar program goals along with actual metrics achieved
- g) Any claims made or LD's assessed
- h) Project Owner and Engineer (please provide contact details)

1.16.4. UNDERSTANDING OF SCOPE OF WORK AND APPROACH TO PERFORMING REQUIRED SERVICES

Maximum score for this criterion is: 15 points

Please explain Respondent's understanding of the scope of work requested for this project and its approach to successful completion by providing the following:

1. Discuss the major challenges your Company has identified on this project, and how you intend to address those challenges.
2. Based on your understanding of the project and the major challenges, describe your Company's approach to successfully deliver the project. This should include approaches to the following:
 - a) Planning/ Construction Sequence and Phasing
 - b) Percentage of self-performed work vs. subcontracting
 - c) Critical Path Method (CPM) Scheduling
 - d) Constructability
 - e) Scope/Change Management

- f) Risk Management and contingency development process
- g) Quality Control/Quality Assurance
- h) Health and safety
- i) Meeting or exceeding JSEB program goals
- j) Project Controls
- k) Project and Construction Management
- l) Collaboration with all project stakeholders

1.16.5. JACKSONVILLE SMALL AND EMERGING BUSINESS PROGRAM PARTICIPATION

Maximum Score: 5 points

Respondent shall indicate (Yes or No) if Company is certified as a Jacksonville Small and Emerging Business Program (JSEB) as defined by Jacksonville Ordinance 2004-602; Chapter 126, Part 6A and 6B. Proposer shall also indicate whether it intends to subcontract any services to JSEB certified firms. Points in this category will be assigned as follows:

If Respondent is not a certified JSEB, the Respondent shall list any JSEB certified subcontractors that it intends to utilize in the performance of this Work. The listing should include names of the JSEBs, the type of service they will provide, and the percentage of work being subcontracted. Points will be awarded based on the type and amount of work that will be conducted by JSEB firms.

The point will be awarded as follows:

- I. Respondent is a COJ/JEA certified JSEB = 5 pts,
- II. Respondent is not a JSEB but will subcontract Work to JSEBs
Non-JSEB with JSEB partner
 - i. Greater than or equal to 5% of work = 4 pts
 - ii. Greater than or equal to 4% of work, but less than 5% of work = 3 pts.
 - iii. Greater than or equal to 2% of work, but less than 4% of work = 2 pts.
 - iv. Greater than or equal to 1% of work, but less than 2% of work = 1 pt.

1.17. BID BOND

All Responses shall be accompanied by a bid security in the amount stated on the Response Form. The bid security must be furnished by the Respondent at or before the opening of the Responses. The bid security shall either be issued by a surety company authorized to do business in the State of Florida, or Respondent shall furnish a certified check or cashier's check in the amount of five percent of the total amount shown on the Response Form. The JEA Bid Bond form can be found at jea.com. Failure to furnish the required bid security will disqualify the Response. If the Respondent is awarded the Work and fails to execute the Contract within ten (10) days of postmarked date on the Contract Documents, JEA shall retain the Bid Bond or check as liquidated damages.

1.18. SAFETY QUALIFICATION REQUIREMENT

Respondent shall be approved as JEA Safety Qualified. JEA may reject the company's Bid and proceed to Award to the next responsive and responsible Respondent.

JEA Safety Qualification information is available online at http://www.jea.com/About/Procurement/Contractor_Safety under Contractor Safety Reference Materials. A Respondent must have a three-year average Experience Modification Rating (EMR) of 1.0 or less and agree to the provisions of the Contractor Safety Management Process (CSMP) in order to become JEA Safety Qualified. It is the Respondent's responsibility to ensure it is JEA Safety Qualified. A list of the JEA's Safety Qualified vendors can be found on https://www.jea.com/About/Procurement/Contractor_Safety/. For additional information, contact Jim Fisher at (904) 226-5045 or Curtis Stothers at (904) 665-7736.

Each Company once awarded a JEA Contract is required to provide regular and continuing training for their employees. Such training shall not be charged to JEA as a separate billable fee. Company (including General / Prime Contractors) will also monitor the training activities of Subcontractors under their direction. All training outside of

JEA specific training must meet OSHA requirements. Company employees working on JEA projects or sites shall receive JEA Safety Orientation and JEA Site-Specific Training before beginning work.

1.19. PAYMENT AND PERFORMANCE BOND AMOUNT AND REQUIREMENTS

After receipt of the Contract, the Company awarded the Work shall furnish a Payment and Performance Bond in the amount indicated on the Response Form, made out to JEA in forms and formats approved and provided by JEA, as security for the faithful performance of the Work of Contract. JEA will send the approved bond forms to the Company for execution along with the Contract, however, in no case shall the date on the bond forms be prior to that of the executed Contract. The surety must be authorized and licensed to transact business in Florida. A fully executed Payment Bond and Performance Bond must be recorded with the Clerk of Duval County Court and delivered to JEA before JEA will issue a Purchase Order to begin the Work. No Purchase Order shall be issued until the Payment and Performance Bonds are recorded and delivered to the JEA Procurement Department. If the Company fails or refuses to furnish or record the required bonds, JEA will retain the Company's Bid Bond as liquidated damages.

The Payment and Performance Bond requirements may be less than the full Contract amount. The Company should be aware that their bond premiums may be adjusted by their bonding company, if actual Work exceeds the amount of the bond, however, any increase in total premiums required will not be approved by JEA for any change in Contract price as either a change order or as an adjustment through the use of a Supplemental Work Authorization. Unless otherwise specified on the Bid Form, the Company shall be solely responsible for obtaining and maintaining the required Payment and Performance Bonds throughout the term of the Contract. To be acceptable to JEA as Surety for Performance and Payment Bonds, a Surety Company shall comply with the following provisions:

- I. The Surety Company shall have a current and valid Certificate of Authority, issued by the State of Florida, Department of Insurance, authorizing it to write surety bonds in the State of Florida.
- II. The Surety Company shall have a current and valid Certificate of Authority issued by the United States Department of Treasury under Sections 9304 to 9308 of Title 31 of the United States Codes.
- III. The Surety Company shall be in full compliance with the provisions of the Florida Insurance Code.
- IV. The Surety Company shall have at least twice the minimum surplus and capital required by the Florida Insurance Code during the life of this agreement.
- V. If the Contract Award Amount exceeds \$500,000, the Surety Company shall also comply with the following provisions:

The Surety Company shall have at least the following minimum ratings in the latest issue of A.M. Best's Key Rating Guide.

POLICY HOLDER'S CONTRACT AMOUNT AND REQUIRED FINANCIAL RATING:

\$500,000 TO 1,000,000: A-CLASS IV
\$1,000,000 TO 2,500,000: A-CLASS V
\$2,500,000 TO 5,000,000: A-CLASS VI
\$5,000,000 TO 10,000,000: A-CLASS VII
\$10,000,000 TO 25,000,000: A- CLASS VIII
\$25,000,000 TO 50,000,000: A- CLASS IX
\$50,000,000 TO 75,000,000: A- CLASS X

The Surety Company shall not expose itself to any loss on any one risk in an amount exceeding ten (10) percent of its surplus to policyholders, provided: Any risk or portion of any risk being reinsured shall be deducted in determining the limitation of the risk as prescribed in this section. These minimum requirements shall apply to the reinsuring carrier providing authorization or approval by the State of Florida, Department of Insurance, to conduct business in this state has been met.

In the case of the surety insurance company, in addition to the deduction for reinsurance, the amount assumed by any co-surety, the value of any security deposited, pledged or held subject to the consent of the surety and for the protection of the surety shall be deducted.

1.20. SUBCONTRACTORS USE FOR THE PERFORMANCE OF THE WORK

The Respondent must list the names of the major Subcontractors that it intends to use for this Work unless the Work will be self-performed by the Respondent. The Subcontractors must be listed on the Subcontractors Form which is available at jea.com. Failure to submit this form with the Response may result in rejection of Respondent's Response. The Respondent shall not use Subcontractors other than those shown on the Subcontractor Form unless it shows good cause and obtains the JEA Representative's prior written consent. If the Respondent plans to use Subcontractors to perform over 50% of the Work, the Respondent shall obtain JEA's approval at least five days prior to the Response Due Date. Failure to obtain JEA approval may result in rejection of the Respondent's Response.

1.21. SHIPPING, FREIGHT, AND TRAVEL--F.O.B. DESTINATION

The Respondent shall include the price for travel, shipment of materials and equipment in its pricing shown on its Response unless otherwise stated herein. The shipment of all materials shall be F.O.B. Destination.

If the Solicitation allows for travel expenses to be billed separately, then all the Respondent's travel expenses will be reimbursed in accordance with JEA's Contractor Travel Policy.

1.22. REQUIRED FORMS TO BE SUBMITTED

The following forms must be completed and submitted to JEA at the timeframes stated below. The Respondent can obtain the required forms, other than the Minimum Qualification Form, Response Form and Response Workbook, by downloading them from JEA.com.

- A. The following forms are required to be submitted with the Response:
 - I. Minimum Qualifications Form- This form can be found in Appendix B of this Solicitation
 - II. Response Form- This can be found in Appendix B of this Solicitation
 - III. Response Workbook - This can be found in Appendix B of this Solicitation
 - IV. Freeform Response – Freeform responses to section 1.14 Selection Criteria
 - V. List of JSEB Certified Firms (if any)
 - VI. Subcontractor Form (if any).

If the above listed forms are not submitted with the Response by the Response Due Time and Date, JEA may reject the Response.

- B. JEA also requests the following documents to be submitted prior to Contract execution. A Response will not be rejected if these forms are not submitted at the Response Due Date and Time. However, failure to submit these documents prior to Contract execution could result in Response rejection.
 - I. Conflict of Interest Certificate Form - This form can be found at JEA.com
 - II. Insurance certificate
 - III. W-9
 - IV. Evidence of active registration with the State of Florida Division of Corporations (www.sunbiz.org)
 - V. Any technical submittals as requires by the Technical Specifications

1.23. ADDENDA ISSUANCE

JEA may issue Addenda prior to the opening of Responses to change or clarify the intent of this Solicitation. The Respondent is responsible for ensuring it has received all Addenda prior to submitting its Response and must acknowledge receipt of all Addenda by completing the Confirmation of Receipt of Addenda. JEA will post Addenda when issued online at JEA.com. Companies must obtain Addenda from the JEA.com website. It is the responsibility of each Respondent to ensure it has received and incorporated all Addenda into its Response. Failure to acknowledge receipt of Addenda may be grounds for rejection of a Response.

1.24. CONTRACT EXECUTION AND START OF WORK

Within 30 days from the date of Award, JEA will present the successful Respondent with the Contract. Unless expressly waived by JEA, the successful Respondent must execute a Contract for the Work within 10 days after receiving the Contract from JEA. If the Respondent fails to execute the Contract or associated documents as required, JEA may cancel the Award with no further liability to the Respondent and retain any bid security or bond.

Upon JEA's receipt of the executed Contract, certificate of insurance, and recorded Payment and Performance bonds (if applicable), JEA will issue a PO, in writing and signed by an authorized JEA representative as acceptance of the Response and authorization for the company to proceed with the Work, unless otherwise stated in the Contract or PO.

For Construction Services: In the event that JEA intends to authorize the successful Respondent to proceed with administrative work only, or with only a portion of the Work, then the PO shall state the specific limitations of such authorization and JEA will issue a separate written Notice to Proceed to authorize the Respondent to begin Field Work, when applicable, or to perform the remainder of the Work, or any portion thereof. The Respondent shall ensure that it is prepared to begin Field Work upon receipt of Notice to Proceed. Any Work performed outside of this partial authorization shall be at the Respondent's risk and JEA shall have no obligation to pay for such Work.

1.25. EX PARTE COMMUNICATION

Ex Parte Communication is defined as any inappropriate communication concerning a Solicitation between any officers, employees or other representatives of Respondent and a JEA representative during the time in which the Solicitation is being advertised through the time of Award. Examples of inappropriate communications include: private communications concerning the details of the Solicitation in which a company becomes privy to information not available to the other Respondents. Social contact between companies and JEA Representatives should be kept to an absolute minimum during the Solicitation process.

Ex Parte Communication is strictly prohibited. Failure to adhere to this policy will disqualify the noncompliant Respondent. Any questions or clarifications concerning this Solicitation must be sent in writing via email to the JEA Buyer at least five business days prior to the opening date. If JEA determines that a question should be answered or a requirement should be clarified, JEA will issue an Addendum to the Solicitation.

1.26. CONFLICT OF INTEREST

This conflict-of-interest policy applies to all JEA construction projects ("Project"). Any company bidding the construction phase of a Project cannot at the time of Response/bid submittal, be affiliated with or have any direct or indirect ownership interest in the architect/engineer ("Designer") of record. The company will also be prohibited from bidding if the Designer has any direct or indirect ownership interest in the Contractor. Should JEA erroneously award a contract in violation of this policy, JEA may terminate the contract at any time with no liability to company, and company shall be liable to JEA for all damages, including but not limited to the costs to rebid the Project. The purpose of this policy is to encourage bidding and eliminate any actual or perceived advantage that one Respondent may have over another.

1.27. CERTIFICATIONS AND REPRESENTATIONS OF THE COMPANY

By signing and submitting its Response, the Respondent certifies and represents as follows:

- A. That the individual signing the Response is duly authorized to contractually bind the Respondent to the terms and conditions of this Solicitation and the Contract. Respondent shall provide satisfactory evidence of such authority within three days of JEA's request.
- B. That every aspect of the Response and the detailed schedule for the execution of the Work, are based on its own knowledge and judgment of the conditions and hazards involved, and not upon any representation of JEA. JEA assumes no responsibility for any understanding or representation made by any of its representatives during or prior to execution of the Contract unless such understandings or representations are expressly stated in the Contract and the Contract expressly provides that JEA assumes the responsibility.
- C. That, if successful, the Respondent will be registered to conduct business in the State of Florida and in active status with the Florida Division of Corporations at the time of execution of a Contract.
- D. That the Respondent maintains in active status any and all licenses, permits, certifications, insurance, bonds and other credentials including, but not limited to, all licenses necessary to perform the Work. The

Respondent also certifies that, upon the prospect of any change in the status of applicable licenses, permits, certifications, insurances, bonds or other credentials, the Respondent shall immediately notify JEA of status change.

1.28. ETHICS

By submitting a Response, the Respondent certifies that its Response is made without any previous understanding, agreement or connection with any other person, firm, or corporation submitting a Response for the same Work other than as a Subcontractor or supplier, and that the Response is made without outside control, collusion, fraud, or other illegal or unethical actions. The Respondent shall comply with all JEA and City of Jacksonville ordinances, policies and procedures regarding ethics.

The Respondent shall submit only one Response to this Solicitation. If JEA has reasonable cause to believe the Respondent has submitted more than one Response for the same Work, other than as a Subcontractor or sub-supplier, JEA shall disqualify the Response and may pursue debarment actions.

The Respondent shall disclose the name(s) of any public officials who have any financial position, directly or indirectly, in Respondent or its Response by completing and submitting the Conflict-of-Interest Certificate Form available at jea.com. Failure to fully complete and submit the Conflict-of-Interest Certificate will disqualify the Response. If JEA has reason to believe that collusion exists among the Respondents, JEA shall reject any and all Responses from such Respondents and will proceed to debar the Respondents from future JEA Awards in accordance with the JEA Procurement Code.

JEA is prohibited by its Charter from awarding contracts to JEA board members, officers, or employees, and is prohibited from awarding contracts in which a JEA officer or employee has a financial interest. JEA shall reject all Responses from JEA board members, officers or employees, as well as all Responses in which a JEA officer or employee has a financial interest.

C.

In accordance with Florida Statutes Sec. 287.133, JEA shall reject Responses from any persons or affiliates convicted of a public entity crime as listed on the Convicted Vendor list maintained by the Florida Department of Management Services. JEA shall not make an Award to any officer, director, executive, partner, shareholder, employee, member, or agent active in management of the Respondent listed on the Convicted Vendor list for any transaction exceeding \$35,000 for a period of 36 months from the date of being placed on the Convicted Vendor list.

1.29. JEA PUBLICATIONS

Applicable JEA publications are available at jea.com.

D.

1.30. MATHEMATICAL ERRORS

In the event of a mathematical error in calculation of the prices entered on the Response, the Unit Prices will prevail. The corrected price utilizing the Unit Prices quoted by Respondent will be used to determine if the Company is awarded a Contract for the Work and the corrected pricing will be used throughout the Term.

1.31. MODIFICATION OR WITHDRAWAL OF RESPONSES

The Respondent may modify or withdraw its Response at any time prior to the Response Due Date and Time by giving written notice to JEA's Chief Procurement Officer by submitting an updated Response. JEA will not accept modifications submitted by telephone, telegraph, email, or facsimile, or those submitted after the Response Due Date and Time. The Respondent may not modify or withdraw its Response for a period of 120 days following the opening of Responses.

1.32. NOTICE OF PROHIBITION AGAINST CONSIDERING SOCIAL, POLITICAL, OR IDEOLOGICAL INTERESTS

Pursuant to Section 287.0501, Florida Statutes, JEA may not:

- i. Request documentation of or consider a vendor's social, political, or ideological interests when determining whether a vendor is a responsible vendor; or

- ii. Give preference to a vendor based on the vendor's social, political, or ideological interests.

1.33. PROHIBITION AGAINST CONTINGENT FEES

The Respondent warrants that it has not employed or retained any company or person, other than a bona fide employee working for the Respondent, or an independent sales representative under contract with the Respondent, to solicit or secure a contract with JEA, and that it has not paid or agreed to pay any person, company, corporation, or other individual, other than a bona fide employee working solely for the Respondent, or an independent sales representative under contract with the Respondent, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the Award or the Contract. If a breach or violation of the provisions occurs, JEA shall have the right to terminate the Contract without liability, and at its discretion, to deduct from the Contract Price, or otherwise recover, the full amount of such fee, commission, percentage, gift or consideration.

1.34. PROTEST OF SOLICITATION AND AWARD PROCESS

Any protests regarding this Solicitation must be filed in writing and in accordance with the JEA Procurement Code, as amended from time to time. The JEA Procurement Code is available online at www.jea.com.

1.35. AVAILABILITY OF RESPONSE AFTER OPENING

In accordance with the Florida Public Records Law, Florida Statutes, Chapter 119, copies of all Responses are available for public inspection thirty (30) days after the opening of Responses or on the date of Award announcement, whichever is earlier. Respondents may review opened Responses once they are available for public inspection by contacting the designated JEA Buyer or JEA's Public Records custodian whose contact information can be found at jea.com. JEA will post a summary of the Response results immediately after the Response opening.

1.36. RESERVATION OF RIGHTS OF JEA

This Solicitation provides potential Respondents with information to enable the submission of written offers. This Solicitation is not a contractual offer or commitment by JEA to purchase products or services. JEA reserves the right to reject all Responses, and to waive informalities if JEA deems such action to be in its best interest. JEA may reject any Responses that it deems incomplete or irregular including, but not limited to, Responses that omit a price on any one or more items for which prices are required, Responses that omit Unit Prices if Unit Prices are required, Responses that offer equal items when the option to do so has not been stated, and Responses that fail to include a Bid Bond, where one is required. JEA reserves the right to cancel, postpone, modify, reissue, and amend this Solicitation at its discretion. JEA reserves the right to cancel or change the date and time announced for opening of Responses at any time prior to the time announced for the opening of Responses. JEA may Award the Contract in whole or in part. JEA may award multiple or split Contracts if it is deemed safe to be in JEA's best interest.

1.37. SUNSHINE LAW

Article I, Section 24, Florida Constitution, guarantees every person access to all public records and Chapter 119, Florida Statutes, provides a broad definition of public records. JEA is subject to these laws and related statutes ("Florida's Public Records Laws"). All responses to this Solicitation are public record and available for public inspection unless specifically exempt by law.

If a Respondent believes that any portion of the documents, data or records submitted in response to this Solicitation are exempt from Florida's Public Records Law, Respondent must (1) clearly segregate and mark the specific sections of the document, data, or records as "Confidential," (2) cite the specific Florida Statute or other legal authority for the asserted exemption, and (3) provide JEA with a separate redacted copy of its Response (the "Redacted Copy"). The cover of the Redacted Copy shall contain JEA's title and number for this Solicitation and Respondent's name and shall be clearly labeled "Redacted Copy." Respondent should only redact those portions of records that Respondent claims are specifically exempt from the Florida Public Records Laws. If Respondent fails to submit a redacted copy of information it claims is confidential, JEA is authorized to produce all documents, data and other records submitted to JEA in answer to a public records request for such information.

In the event of a request for public records to which documents that are marked as confidential are responsive, JEA will provide the Redacted Copy to the requestor. If a requestor asserts a right to any redacted information, JEA will notify Respondent that such an assertion has been made. It is Respondent's responsibility to respond to the requestor

to assert that the information in question is exempt from disclosure under applicable law. If JEA becomes subject to a demand for discovery or disclosure of Respondent's redacted information under legal process. JEA shall give Respondent prompt notice of the demand prior to releasing the information (unless otherwise prohibited by applicable law.) Respondent shall be responsible for defending its determination that the redacted portions of its response are not subject to disclosure.

By submitting a Response to this Solicitation, Respondent agrees to protect, defend, and indemnify JEA from and against all claims, demands, actions, suits, damages, losses, settlements, costs, and expenses (including but not limited to reasonable attorney fees and costs) arising from it relating to Respondent's determination that the redacted portions of its response to this Solicitation are not subject to disclosure.

IF THE COMPANY HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE COMPANY'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**JEA
Attn: Public Records
225 North Pearl Street
Jacksonville, FL 32202
Ph: 904-665-8606
publicrecords@jea.com**

1.38. SCRUTINIZED COMPANIES

Pursuant to Section 287.135(2), Florida Statutes, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with an agency or local government entity for goods or services of:

- 1) Any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, contractor is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel; or
- 2) One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, contractor:
 - i. Is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List created pursuant to Section 215.473, Florida Statutes; or
 - ii. Is engaged in business operations in Cuba or Syria.

Pursuant to Section 287.135(3)(a)4, Florida Statutes, JEA may terminate this Contract at JEA's option if this Contract is for goods or services in an amount of one million dollars or more and the Company:

- 1) Is found to have submitted a false certification under Section 287.135(5), Florida Statutes;
- 2) Has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List created pursuant to Section 215.473, Florida Statutes;
- 3) Is engaged in business operations in Cuba or Syria.

Pursuant to Section 287.135(3)(b), Florida Statutes, JEA may terminate this Contract at JEA'S option if this Contract is for goods and services of any amount and Company:

- 1) Is found to have been placed on the Scrutinized Companies that Boycott Israel List; or
- 2) Is engaged in a boycott of Israel.

1.39. DEFINED TERMS

Words and terms defined in the section entitled "Definitions" of this document are hereby incorporated by reference into the entire document.

2. CONTRACT TERMS AND CONDITIONS

2.1. CONTRACT DOCUMENT AND TERMS AND CONDITIONS

Section 2 of this Solicitation contains JEA's general terms and conditions that will govern the Contract awarded under this Solicitation. The Contract Documents will incorporate by reference all of the terms and conditions of this Solicitation, including all Technical Specifications, Appendices, Exhibits, Schedules, and Forms included with this Solicitation. An example of the Contract that the Company will be required to execute is available for review at jea.com.

2.2. DEFINITIONS

2.2.1. DEFINITIONS

Capitalized words and terms used in this Solicitation shall have the meaning given to them in this Section 2. The Technical Specifications to this Solicitation may define additional words and terms where necessary to clarify the Work. Unless otherwise stated in this Solicitation or the Contract Documents, definitions set forth in Technical Specifications shall apply only within the Technical Specifications.

2.2.2. ACCEPTANCE

JEA's written notice by the Project Manager to the Company that all Work as specified in the Contract, or a portion of the Work as specified in a Task or Work Order, has been completed to JEA's satisfaction. Approval or recognition of the Company meeting a Milestone or interim step does not constitute Acceptance of that portion of Work. Acceptance does not in any way limit JEA's rights under the Contract or applicable laws, rules, and regulations.

2.2.3. ADDENDUM/ADDENDA

An amendment to the Solicitation which is issued by JEA before the Response Due Date and Time.

2.2.4. ADMINISTRATIVE WORK

Actions primarily performed in an office environment and associated with preparing to perform or administer the Work including, but not limited to, preparing Work schedules, obtaining bonds, executing Contracts, securing resources and other actions specified in the Solicitation, or otherwise prudent to ensure a timely, safe, and otherwise compliant start and performance of Field Work. Administrative Work is not performed at the Work Location.

2.2.5. APPLICATION FOR PAYMENT

The form required for payment which shall include all items required pursuant to the contract for the payment to be processed by JEA. Such form shall require the Contractor expressly state that the Contractor has fulfilled all obligations for the previous payments issued to the Contractor, including payment for subcontractors and materials. The Application for Payment includes all forms and supporting documentation as required by the Contract documents.

2.2.6. AWARD

The written approval of the Contract by JEA's Awards Committee and Chief Executive Officer.

2.2.7. CHANGE ORDER

A written order issued by JEA after execution of the Contract, authorizing an addition, deletion, or revision of the Work, or an adjustment in the Contract Price or the Contract Time. Change Orders do not authorize expenditures greater than the maximum indebtedness shown in the Contract. A Change Order that involves a material change to the Contract may require a Contract Amendment.

2.2.8. COMPANY

The legal person, firm, corporation or any other entity with whom JEA executes the Contract.

2.2.9. COMPANY REPRESENTATIVE

The individual responsible for representing the Company in all activities concerning the fulfillment and administration of the Contract.

2.2.10. COMPANY SUPERVISOR

The individual employed or contracted by the Company, to manage the Work on a day-to-day basis and ensure the Work is performed according to the Contract. The Company Supervisor may be authorized by the Company Representative to act on Contract matters. Such authorization shall be in writing and delivered to the JEA Project Manager and shall clearly state the limitations of any such authorization. In the event that the Company Supervisor and the Company Representative is the same person, the Company shall notify the JEA Project Manager of such situation.

2.2.11. CONTRACT

The written agreement executed by JEA and the Company which describes the rights and obligations of JEA and the Company with respect to the Work and incorporates all of the Contract Documents.

2.2.12. CONTRACT AMENDMENT

A written document signed by JEA and the Company issued after the execution of the Contract which authorizes an addition, deletion or revision of the Scope of Work, or the Contract Price, the Term or any other provision of the Contract

2.2.13. CONTRACT DOCUMENTS

Contract Documents means the executed Contract, this Solicitation, all documents required by or submitted in connection with this Solicitation or the Contract, and any written Change Orders, contract amendments and Purchase Orders executed by JEA.

2.2.14. CONTRACT PRICE

The total amount payable by JEA to the Company during the Term in accordance with the terms and conditions of the Contract.

2.2.15. CONTRACT TIME

The number of calendar days or the period of time from when the written Purchase Order is issued to the Company, to the date Company has agreed to complete the Work, as set forth in the Contract Documents.

2.2.16. CUSTOMER SERVICE PLAN

The Company's plan to achieve customer satisfaction requirements as determined by JEA and JEA Project Outreach, which shall include, as a minimum, the name and office phone number, cell phone number, email address, Nextel Direct Connect number, and fax number of Company's Customer Service Representative, a detailed flow chart on how the Company will handle customer concerns, preemptive customer satisfaction control measures (such as door hangers provided by JEA, and neighborhood meetings in conjunction with JEA staff) and a plan to reduce the number of customer concerns surrounding construction Work addressing, as a minimum, the construction practices that will eliminate damage to customers' property including, but not limited to, cracked driveways, tire ruts in customers' yards, blocking customers' access to driveways, cutting customers' services during tie-in, excessive noise from construction equipment, and elimination of dust during construction Work.

2.2.17. DEFECT

Work that fails to reach Acceptance, or Work that fails meet the requirements of any test, inspection or approval required or permitted by the Contract Documents, and any Work that meets the requirements of any test or approval, but nevertheless does not meet the requirements of the Contract Documents.

2.2.18. ENVIRONMENTAL REGULATIONS

All laws, ordinances, statutes, codes, rules, regulations, agreements, judgments, orders, and decrees, now or hereafter enacted, promulgated, or amended, of the United States, the states, the counties, the cities, or any other political subdivisions in which the Work Location is located, and any other political subdivision, agency or instrumentality exercising jurisdiction over JEA, the Work Location, or the use of the Work Location, relating to pollution, the protection or regulation of human health, natural resources, or the environment, or the emission, discharge, release or threatened release of pollutants, contaminants, chemicals, or industrial, toxic or hazardous substances or waste or Hazardous Materials (as defined in this Contract) into the environment (including, without limitation, ambient air, surface water, ground water or land or soil).

2.2.19. EQUAL ITEM

A schematic display of the sequential and logical relationship of all activities that comprise the Work. Using a combination of duration, early and late start dates, and early and late finish dates, a critical path is established as the path of interdependent activities that must be sequentially performed and that require a longer total time to perform than any other such series. CPM Schedules suitable for use on this Contract use GANNT Precedence formats.

2.2.20. FIELD WORK

Actions associated with meeting the requirements of the Contract other than Administrative Work. Field Work is primarily performed at the Work Location.

2.2.21. FINAL COMPLETION

The point in time after JEA makes the determination that the Work is completed and there is Acceptance by JEA, and the Company has fulfilled all requirements of the Contract Documents.

2.2.22. FINAL PAYMENT

The final payment for all Work performed. The Final Payment shall not be made until the Company has complied with all the Contract requirements and provided as necessary close-out documents as contained in the Contract.

2.2.23. HAZARDOUS MATERIALS

Any substance which is or contains (i) any "hazardous substance" as now or hereafter defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 U.S.C. '9601 et seq.) ("CERCLA") or any regulations promulgated under or pursuant to CERCLA; (ii) any "hazardous waste" as now or hereafter defined in the Resource Conservation and Recovery Act (42 U.S.C. '6901 et. seq.) ("RCRA") or regulations promulgated under or pursuant to RCRA; (iii) any substance regulated by the Toxic Substances Control Act (15 U.S.C. '2601 et seq.); (iv) gasoline, diesel fuel, or other petroleum hydrocarbons; (v) asbestos and asbestos containing materials, in any form, whether friable or non-friable; (vi) polychlorinated biphenyls; (vii) radon gas; and (viii) any additional substances or materials which are now or hereafter classified or considered to be hazardous or toxic under Environmental Requirements (as hereinafter defined) or the common law, or any other applicable laws relating to the Licensed Property. Hazardous Materials shall include, without limitation, any substance, the presence of which on the Licensed Property, (A) requires reporting, investigation or remediation under Environmental Requirements; (B) causes or threatens to cause a nuisance on the Licensed Property or adjacent property or poses or threatens to pose a hazard to the health or safety of persons on the Licensed Property or adjacent property; or (C) which, if it emanated or migrated from the Licensed Property, could constitute a trespass.

2.2.24. HOLIDAYS

The following days: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Day after Thanksgiving, Christmas Eve Day, and Christmas Day. If a Holidays falls on a weekend, the Holiday is the day that JEA observes the Holiday.

2.2.25. INVOICE

A document seeking payment to the Company from JEA for all or a portion of the Work, in accordance with the Contract Documents.

2.2.26. JEA

JEA, a body politic and corporate, which is authorized to own, manage, and operate for the benefit of the City of Jacksonville a utilities system within and without the City of Jacksonville.

2.2.27. JEA ENGINEER

The individual assigned by JEA (either an employee or a third party) to provide licensing, engineering, design review, and/or construction management including, but not limited to, overseeing, and resolving engineering/design issues, conveying JEA's instructions to the Company and enforcing the faithful performance of the Work. The JEA Engineer's authority includes interpreting the technical portion of the Contract Documents, deciding on matters relating to the execution and progress of the Work and evaluating the Company's performance. The JEA Engineer may stop the Work when deemed necessary by JEA. The JEA Engineer will receive and adjudicate any claim of ambiguity or error in the technical portion of the Contract Documents and shall reduce any determination to writing, and the decision shall be final and binding. The JEA Engineer is not a party to the Contract. The JEA Engineer has no authority to approve changes to the Work or Contract, or to commit JEA to any expenditure of money except as expressly designated in writing by the JEA Project Manager.

2.2.28. JEA INSPECTOR

The individual(s) or company(ies) designated by the JEA Project Manager to inspect and test the Company's performance and Contract compliance including materials, workmanship, safety, environmental compliance, JSEB compliance, project controls, administration and accounting, and other aspects of Contract compliance. The JEA Inspector has no authority to approve changes to the Work or Contract, or to commit JEA to any expenditure of money except as expressly designated in writing by the JEA Project Manager.

2.2.29. JEA PROJECT MANAGER

The individual assigned by JEA to have authority to administer the Contract, including the authority to issue Change Orders.

2.2.30. JSEB

The City of Jacksonville Small and Emerging Business Enterprises as defined in Chapter 126, Part 6 of the City of Jacksonville, Ordinance Code, as may be amended from time to time

2.2.31. MILESTONE

A point in time representing a key or important intermediate event in the Work. A Milestone is to be capable of validation by meeting all of the items prescribed in a defining checklist as agreed to in writing by JEA.

2.2.32. NOTICE TO PROCEED

The written notice, duly authorized and delivered by JEA that authorizes the Company to begin the Work. The Notice to Proceed is normally issued in the form of a Purchase Order, unless otherwise specified in the Contract Documents.

2.2.33. OVERTIME

Work approved in writing by the JEA Project Manager that is required to be performed beyond an employee's scheduled workday or work week, including Work performed on Holidays.

2.2.34. PAYMENT AND PERFORMANCE BONDS

The common-law Performance Bond and the statutory Payment Bond contemplated by Section 255.05, Florida Statutes in the form required by JEA.

2.2.35. PRE-WORK MEETING

A meeting conducted after Award and prior to the start of any Field Work between JEA and the Company. The purpose of the meeting may include, but is not limited to orientation, schedule, certification and permitting, and other preparatory or Work execution details.

2.2.36. PERFORMANCE – BELOW EXPECTATIONS

The Company averages less than 2.80 across all scorecard evaluation metrics or scores a 2 or less on an individual evaluation metric.

2.2.37. PERFORMANCE – EXCEEDS EXPECTATIONS

The Company averages 4.0 or more across all scorecard evaluation metrics.

2.2.38. PERFORMANCE – MEETS EXPECTATIONS

The Company averages more than 2.9 and less than 4.0 across all performance scorecard evaluation metrics.

2.2.39. PURCHASE ORDER (PO)

A commercial document issued by JEA, authorizing work, indicating types, quantities, and agreed prices for products or services the Company will provide to JEA. Sending a PO to a Company constitutes a legal offer to buy products or services. The words "Purchase Order" are clearly marked across the top, a PO number is used for reference and invoicing purposes, includes an authorized JEA signature, and states the dollar amount of the lawfully appropriated funds.

2.2.40. QUALITY ASSURANCE

Actions that JEA takes to assess the Company's performance under the Contract.

2.2.41. QUALITY CONTROL

Actions that JEA takes to assess the Company's performance under the Contract.

2.2.42. RESPONSE

The document describing the Company's offer submitted in response to this Solicitation.

2.2.43. RESPONDENT

The respondent to this Solicitation.

2.2.44. SCHEDULE

All documentation related to the planning and scheduling of the Work as described in these Terms and Conditions.

2.2.45. SHOP DRAWINGS

Drawings, electronic and hard copy, that detail the fabrication, erection, layout and setting drawings; manufacturer's standard drawings; schedules; descriptive literature, catalogs and brochures; performance and test data; wiring and control diagrams; all other drawings and descriptive data pertaining to materials, equipment, piping, duct and conduit systems, and method of construction as may be required to show the JEA Engineer that the proposed materials, equipment or systems and the position thereof are in compliance with the requirements of the Contract Documents.

2.2.46. SOLICITATION

All documents issued by JEA to solicit Responses from Respondents including, but not limited to, all documents required to be submitted by a Respondent in connection with this Solicitation, the Technical Specifications, and any Addenda to the Solicitation issued by JEA.

2.2.47. SUBCONTRACTOR

A legal person, firm, corporation or any other entity that provides a portion of the Work to JEA on behalf of the Company or provides supplies or materials in connection with the Work.

2.2.48. SUBSTANTIAL COMPLETION (DEFINITION)

The time when JEA determines that the Work (or a specified part thereof) is substantially complete, in accordance with the Contract Documents. Additionally, all work other than incidental corrective and incidental

punch list work items shall be completed. Substantial Completion shall not have been achieved if all systems and parts are not functional, if utilities are not connected and operating normally, if all required regulatory permits and approvals have not been issued, or if all vehicular and pedestrian traffic routes affected by the Work have not been restored. The date of Substantial Completion shall be established in writing by JEA. Recognition of the Work as Substantially Complete, as evidenced by issuance of a Certificate of Substantial Completion, does not represent JEA's Acceptance of the Work.

2.2.49. SUPPLEMENTAL WORK AUTHORIZATION (SWA)

A written order, issued at the sole discretion of the JEA Representative, which incorporates cost or schedule changes into the Contract. The SWA shall be used for increases or decreases in the Contract Price within the SWA amount set forth on the Bid Form, or to make changes in the schedule for performance of the Work, or to authorize the Company to perform changes in the Work.

2.2.50. TASK ORDER

A document that describes the Work or describes a series of tasks that the Company will perform in accordance with the Contract Documents.

2.2.51. TERM

The period of time during which the Contract is in force.

2.2.52. UNIT PRICE

The Company charges, rounded to the nearest cent, to JEA for the performance of each respective unit of Work or Services as defined on this Solicitation.

2.2.53. WORK

Any and all actions, products, documentation, electronic programs, reports, testing, transport, administration, management, services, materials, tools, equipment, and other deliverables to be furnished or performed by the Company under the Contract, together with any and all additional such deliverables that are not specifically provided in the Contract but can be reasonably inferred as necessary to complete the Company's obligations under the Contract.

2.2.54. WORK LOCATION

The place or places where the Work is performed, excluding the properties of the Company and/or the Subcontractor(s). Work shall be performed with the footprint shown in Exhibit B attached to the Solicitation of this Contract. The Company must maintain all operations, storage, parking, and other support activities within the designated area on Exhibit B. Access to this area will be maintained for deliveries and personnel however any use of space outside of the designated area will be subject of JEA approval.

2.3. ORDER OF PRECEDENCE

The Contract shall consist of all of the following documents which, to the extent of any conflict, shall have priority in the order listed below:

- I. Contract Amendments
- II. Executed Contract Documents
- III. Addenda
- IV. This Solicitation, including all Appendices, Exhibits and Attachments to this Solicitation
- V. Company's Response
- VI. JEA's Purchase Order

2.4. START AND COMPLETION OF WORK

After the Contract is executed by both parties, the Company shall begin Work within ten (10) days from the date of receipt of JEA's written Notice to Proceed and shall complete the Work by the date set forth in the Contract Documents. The Company further understands and agrees that time is of essence, and should the Company fail to

complete the Work on or before the completion dates established in the Contract, the Company may be responsible for additional costs, such as Liquidated Damages, pursuant to the Contract.

2.5. PAYMENT METHOD

JEA shall pay the Company monthly for the Work performed by the Company during the preceding month in accordance with the rates stated on the Company's Response Workbook upon receipt of a proper invoice from the Company.

2.6. INVOICING AND PAYMENT TERMS

Within sixty (60) days from completion of the Work, the Company shall submit all Invoices or Applications for Payment in accordance with the payment method agreed upon in these Contract Documents. Invoices shall be submitted to the following email address: ACCTPAYCUSTSRV@JEA.COM.

JEA will pay the Company the amount requested within thirty (30) calendar days after receipt of an Invoice from the Company subject to the provisions stated below.

JEA may reject any Invoice or Application for Payment within 20 calendar days after receipt. JEA will return the Invoice or Application for Payment to the Company stating the reasons for rejection. Upon receipt of an acceptable revised Invoice or Application for Payment, JEA will pay the Company the revised amount within ten (10) days.

JEA may withhold payment if the Company is in violation of any conditions or terms of the Contract Documents.

In the case of early termination of the Contract, all payments made by JEA against the Contract Price prior to notice of termination shall be credited to the amount, if any, due the Company. If the parties determine that the sum of all previous payments and credits exceeds the sum due the Company, the Company shall refund the excess amount to JEA within ten (10) days of determination or written notice.

2.7. JEA CONTRACTOR TRAVEL POLICY

To the extent the Company's fees include reimbursement for travel and travel related expenses, only the authorized expenses described here in will be reimbursed. The Company must request approval in writing from the JEA Project Manager for all travel for a specific person on official JEA business prior to commencement of travel. JEA will only reimburse the Company for actual cost of travel expenses that are documented with receipts submitted with the expense statement (the "Traveler"). The Traveler shall choose the most economical means of transportation, considering the nature of the business, the Traveler's time, cost of transportation, meals, lodging, and incidental expenses required. Reimbursement shall be made only for travel performed over usually regularly traveled routes to the destination. When travel is by indirect route for the Traveler's own convenience, reimbursement for expenses shall be based only on such charges as would have been incurred over the usually traveled route.

Authorized Expenses:

Airplane

Travel by common carrier shall be reimbursed at the lowest coach fare rate available (except that the first-class rate is authorized if coach fare is not available). Reservations for a Saturday night stay over are encouraged if it results in a net savings after considering all incremental travel related expenses.

Reimbursement for rented aircraft shall be based on the hourly rental rate for the aircraft, including fuel, if the cost of renting the aircraft can be demonstrated to be less than the lowest available common carrier coach fare.

A copy of the itinerary showing the cost must be submitted along with the expense statements.

Private Automobiles

If the total miles from the departure point to destination exceeds 400 miles round trip, the mileage reimbursement for use of a private motor vehicle shall be limited to the lesser of:

- I. IRS-authorized mileage rates described in Section 106.706 of the Ordinance Code, City of Jacksonville; or
- II. the lowest airline common carrier coach fare available to the nearest airport plus IRS-authorized mileage rate per mile from the airport to the destination.

If travel is by private automobile, reimbursement shall be based on IRS authorized mileage rate in existence at the time of travel. All mileage shall be completed from the constructive point of origin to the point of destination. Vicinity mileage incurred while driving on official business may also be reimbursed. No other reimbursement for expenses related to the operation, maintenance and ownership of a vehicle shall be allowed when a private motor vehicle is used on public business.

Car Rental

Rental cars shall be approved only if taxis or other means of transportation are less economical or otherwise impractical.

Every effort shall be made to coordinate travel so that Travelers share a rental car and thereby eliminate multiple cars at the same location. Travelers shall use the intermediate or midsize class vehicles unless the number of passengers or the volume of equipment makes the intermediate/midsize class impractical. Personal accident insurance purchased by the traveler will not be reimbursed by JEA.

A copy of itemized rental car charges will be made and submitted with the expense statement.

Lodging

Reasonable reimbursement will be made for the cost of overnight lodging when a Traveler is away from his/her place of residence. Travelers shall select lodging, which is the most economically available, consistent with the duties being performed. Travelers will be reimbursed for a single room rate; double occupancy rates may be obtained if two Travelers share a room.

Travelers must document all lodging expenses with itemized statement and paid receipt from lodging facility. A copy of the receipt must be submitted with the expense statement. Personal expenses such as entertainment, in-room movies, in-room services, in-room concessions (i.e., mini-bar charges) and other personal charges will not be reimbursed.

Meals

Reimbursement is authorized for meals for all travelers while in a business travel status at the Federal Meal Per-Diem for Jacksonville which can be found at Per diem rates | GSA.

Incidental Transportation Expenses

The following expenses incidental to transportation of the Traveler may be reimbursed:

- I. Taxi fare
- II. Ferry fares, bridge, rail and tunnel tolls
- III. Storage and parking fees
- IV. Valet parking may be selected when there is not a more economical means of parking or where less economical options present a safety concern. Justification for the use of valet parking must be provided.
- V. One of the long-term (non-valet) airport parking options (vs. hourly parking) must be utilized for approved travel greater than 24 hours.
- VI. Reasonable gratuities for services incurred at a cost (not to exceed 20% of the cost of the service or to exceed the total subsistence allowance in the case of meals)
- VII. Reasonable gratuities for services incurred without a cost (limited to \$10 per day) (receipt not required, but service justification must be indicated)

2.8. JSEB -INVOICING AND PAYMENT

If the Company utilizes JSEB certified firms, regardless of whether these Contract Documents require or encourage the use of such firms, the payment terms for participating JSEB firms shall be the same or better than the payment terms the Company receives from JEA, except that in all cases JSEB firms shall be allowed to submit invoices to the Company at least bimonthly, and the Company shall pay proper invoices no later than 3 days after its receipt of JEA payment. The Company shall obtain written approval from the JEA Project Manager and JEA Manager Supplier Diversity Programs prior to withholding any payment from JSEB firm.

The Company will be required to self-report all payments made to the JSEB certified firms. The payment data will be entered into the B2Gnow JSEB Compliance & Diversity Outreach System (JCDOS) located at the following

website: <https://jea.gob2g.com/>. This system tracks contract payments made by the Company to any subcontractor (i.e., JSEB or Diverse Business), the timeliness of those payments and the payments JEA makes to the Company.

The Company is required to submit the monthly payments made to the JSEB certified firms by the audit date of the 30th of each month, for the life of the contract and respond to any requests for information within the B2Gnow JSEB Compliance & Diversity Outreach System (JCDOS). The JCDOS must be checked frequently.

The Company and JSEB certified firms will be provided with access information for the JCDOS post the contract award. B2Gnow provides vendor training, and additional information can be obtained by contacting JEA's Manager Supplier Diversity Programs.

2.9. GENERAL CONDITIONS/SPECIAL CONDITIONS

The line item shown on the Response Form titled "General/Special Conditions Lump Sum Price" shall be used for general and special expenses which do not appear as separate line items on the Response Form, including, but not limited to, costs and expenses related to the following:

1. the execution and recording of the Payment and Performance Bonds
2. safety requirements
3. Quality Control
4. preparation of daily reports
5. maintenance of traffic
6. attendance of meetings, project scheduling
7. testing (if not included elsewhere)

Except as provided below for expenses related to Bonds and Surveying, JEA's payment for the General/Special Conditions line item shall be based upon the percentage of Work completed.

Bonds- Company will be permitted to invoice JEA, in its first payment application, for the direct costs associated with the execution and recording of the Payment and Performance Bonds. The amount paid by JEA for the Payment and Performance Bonds will be deducted from the General/Special Conditions line-item total.

Surveying- Prior to construction, the Company will be permitted to invoice JEA for the direct costs associated with the survey of the existing roadway horizontal alignment. The amount paid by JEA for these costs will be deducted from the General/Special Conditions line-item total.

SWA- In the event that JEA authorizes changes to the Work under a Supplemental Work Authorization (SWA), the amount of the Bid Form line item for SWA Allowance will not be increased unless the total value of all SWA Work exceeds the Original SWA Allowance provided on the Bid (RESPONSE) Form.

2.10. PROMPT PAYMENT TO SUBCONTRACTORS, SUB-SUBCONTRACTORS AND SUPPLIERS

When the Company receives payment from JEA for labor, services or materials furnished by Subcontractors and suppliers that are hired by the Company, the Company shall remit payment due (less proper retainage) to those Subcontractors and suppliers within 10 days after the Company's receipt of payment from JEA. Nothing herein shall prohibit the Company from disputing, pursuant to the terms hereof, all or any portion of a payment alleged to be due to its Subcontractors and suppliers. In the event of such dispute, the Company may withhold the disputed portion of any such payment only after the Company has provided written notice to JEA and to the Subcontractor and supplier whose payment is in dispute, stating the amount in dispute and specifically describing the actions required to cure the dispute. The Company shall deliver such notice to JEA and to the said Subcontractor or supplier within 10 days following the Company's receipt of payment from JEA. The Company shall pay all undisputed amounts due within the time frames specified herein. JEA shall not be liable for fees incurred by the Company as a result of late payments made to a subcontractor or supplier.

The prompt payment requirements herein shall, in no way, create any contractual relationship or obligation between JEA and any Subcontractor, supplier, JSEB, or any third-party, nor create any JEA liability for the Company's failure to make timely payments as required. The Company's failure to comply with the prompt payment requirements, however, shall constitute a material breach of its contractual obligations to JEA. As a result of such

breach, JEA, without waiving any other available remedy it may have against the Company, may issue joint checks, and charge the Company a 0.2% daily late payment interest charge or charges as specified within the Florida Statutes, whichever is greater.

2.11. PUNCH LIST: SECTION 218.735, FLORIDA STATUTES

Within 30 calendar days after reaching Substantial Completion, as defined herein, the parties shall jointly develop a final list of items required to render the Work complete, satisfactory, and acceptable (the "Punchlist"). If the parties cannot agree on the Punchlist, JEA will develop a Punchlist and deliver it to Company within 35 days after Substantial Completion. If the Work involves more than one building or structure or involves a multi-phased project, one Punchlist should be developed for each building, structure, or phase. Failure to include corrective work on the Punchlist does not relieve the Company from its responsibility to complete the Work required by the Contract.

Final Completion must be achieved within 30 days after delivery of the Punchlist to Company. Notwithstanding anything in the Contract Documents to the contrary, damages may not be assessed against Company for failing to complete the Work unless Company fails to complete the Work within such 30-day period.

2.12. CERTIFICATE OF CONTRACT COMPLETION AND FINAL PAYMENT

Company shall complete and submit to JEA the Certificate of Contract Completion, which can be found on jea.com, as notice that the Work, including the correction of all deficiencies outlined in the Punchlist, are complete.

By submitting the certificate, the Company certifies the following:

1. the Work, including all Punchlist items, has been satisfactorily completed; and
2. no liens have attached against the property and improvements of JEA; and
3. no notice of intention to claim liens are outstanding; and
4. no suits are pending by reason of the Work; and
5. all workers' compensation claims known to the Company have been reported to JEA; and
6. the surety provides a release; and
7. all warranties, equipment manuals and other documentation have been provided; and
8. no public liability claims are pending.

The Company shall submit its final Invoice with the completed Certificate of Contract Completion. JEA shall make Final Payment in accordance with the Contract. Final Payment includes payment of any retainage held.

2.13. COST SAVINGS PLAN

During the Term, JEA and Company are encouraged to identify ways to reduce the total cost to JEA related to the Work provided by the Company. JEA and Company may negotiate Contract Amendments that allow such reductions in total costs including, but not limited to, the sharing of savings resulting from implementation of cost-reducing initiatives between JEA and Company. The decision to accept any cost savings initiative shall be in the sole discretion of JEA, and JEA shall not be liable to Company for any cost that may be alleged to be related to a refusal to accept a cost savings initiative proposed by Company.

2.14. DISCOUNT PRICING

JEA offers any or all of the following optional payment terms, one of which may be elected at the request of the Company by sending an email to the JEA Buyer listed in this Solicitation:

- I. -1% 20, net 30
- II. -2% 10, net 30

The Company may request alternate payment terms for JEA's consideration; however, alternate payment terms are not effective until acceptance by JEA in writing. All payment dates are calculated from the date of receipt of a proper Invoice by JEA's Accounts Payable department.

2.15. OFFSETS

If the Company is in violation of any requirement of the Contract, JEA may withhold payments that may otherwise be due the Company and may offset existing balances with any JEA incurred costs against funds due the Company

under this and any other Company Contract with JEA, as a result of the violation, or other damages as allowed by the Contract Documents and applicable law.

2.16. TAXES

JEA is municipally owned utility and is exempt from paying Florida Sales and Use Tax and is exempt from Manufacturer's Federal Excise Tax when purchasing tangible personal property for its direct consumption. Additionally, pursuant to Florida Statute 212.08(5) (c) 3, if Company or Subcontractor is buying materials for JEA's electric generating stations, other than Northside Unit 3, JEA can issue the Company or Subcontractor an affidavit that will allow Company or Subcontractor to purchase materials tax free on behalf of JEA.

2.17. WORK INFORMATION

In the event the Company requires additional information regarding the scope, technical specifications, Work Locations, personnel requirements, or other information pertinent to the Work or Contract, the Company shall request such information or clarifications from the JEA Project Manager in writing.

2.18. QUANTITIES

Where the total on the Company's Response was based on estimated quantities, prior to making final payment, JEA will determine actual quantities using sampling, surveying and other industry recognized means and prepare a Change Order adjusting the Contract Price to reflect actual volumes.

The Company shall immediately notify the JEA Project Manager in writing of any unauthorized change in the scope of the Work or significant change in the quantities of the Work that may increase the Contract Price, require an extension of Work schedule, or negatively impact permitting or other regulatory requirements.

2.19. COMPANY'S REQUEST FOR A CHANGE TO THE WORK OR SCHEDULE

To request any change in the Work including, but not limited to, changes in scope, quantities, price, or schedule, the Company shall submit a written request in the form of a Request for Information ("RFI") to the JEA Project Manager within ten (10) business days from the date that the event that prompted the change was discovered or should have been discovered. The RFI shall contain sufficient information regarding the nature of the requested change, including an itemized estimate of cost, either positive or negative, in relation to the change, and any effect on contract time which is related to the changed condition, and work descriptions and other information necessary to evaluate the merits of the change. The JEA Project Manager may reject RFI's which do not provide sufficient supporting information. Upon receipt of the Company's RFI, the JEA Project Manager will provide written direction as to the procedures that will be used to address the request. JEA shall have the right to approve or disapprove any RFI, request or claim for change as it deems necessary and in its best interests consistent with the other Contract requirements. Where JEA and the Company are unable to reach a mutually acceptable resolution for the RFI, JEA will make a commercially reasonable determination which shall be final.

2.20. EFFECTIVENESS OF A CHANGE ORDER

Any change in the Contract resulting from the RFI will be incorporated into the Contract through the use of a Change Order, Supplemental Work Authorization or Purchase Order. Whether requested by the Company, claimed by the Company, or contemplated by JEA, no change shall be authorized and effective unless made through an approved Supplemental Work Authorization (SWA) or on a JEA Change Order signed by the JEA Project Manager or through a formal written amendment to this Contract. All Work defined on Change Orders shall be subject to the conditions of the Contract, unless specifically noted on the Change Order.

2.21. DISCRETIONAL USE OF SUPPLEMENTAL WORK AUTHORIZATION

The SWA may be authorized to address contingencies and shall be authorized for increases or decreases to the contractor's bid price, up to the maximum amount allocated in the Contract Price for Supplemental Work Authorization. Changes in the schedule or the completion date for performance of the Work may also be authorized in conjunction with the issuance of an SWA.

2.22. USE OF SUPPLEMENTAL WORK AUTHORIZATION

The JEA Project Manager will issue a written SWA to incorporate cost or schedule changes into the Contract. Issuance of an SWA is solely at the discretion of the JEA Project Manager. The SWA shall be used for increases or decreases in the Contract Price, within the SWA amount set forth in the Response bid form, or to make changes in schedule for performance of the Work. An SWA shall authorize the Company to perform changes in the Work. The Company shall not start on SWA work until the Company receives a fully authorized, written SWA form, signed by the appropriate JEA personnel. The Company shall not consider verbal statements as authorization to proceed with the changes. The Company should not expect that any SWAs will be issued. JEA shall have no obligation to pay for SWA work unless the same is performed pursuant to a written SWA form signed by the JEA Project Manager before the SWA work is commenced.

2.23. WHEN SUPPLEMENTAL WORK AUTHORIZATION (SWA) IS EFFECTIVE

The Company shall not start on SWA work until the Company receives a fully authorized, written SWA form, signed by the appropriate JEA personnel. The Company shall not consider verbal statements as authorization to proceed with the changes. An SWA shall authorize the Company to perform changes in the Work. JEA shall have no obligation to pay for SWA work unless the same is performed pursuant to a written SWA form signed before the SWA work is commenced.

In determining costs for Work associated with any Change Order or an SWA, the following methods may be used:

1. Agreed Upon Lump Sum Method
 - a. The Company and the JEA Representative shall mutually agree to the pricing of a change order or an SWA. Any negotiated increase or decrease in the Contract Price shall be based on the Company's costs for labor, materials and supplies directly applicable to the increase or decrease plus 10% thereof for Company's supervision, overhead, bonds and profit. For any negotiated increase or decrease, the Company will provide a complete detailed breakdown for all labor, material, and equipment, etc. associated with the change. The detailed breakdown shall include applicable labor rates for all trades used, equipment rates, labor, and equipment hours. A lump sum figure submitted with no breakdown will be returned to the Company without review.
 - b. Where the work is covered by established Unit Prices contained in the Contract, and JEA agrees that the Unit Price in the Contract is a fair and reasonable price, the Unit Price will be applied to the quantity of work. In the event that JEA does not agree that the Unit Price in the Contract is a fair and reasonable price, a negotiated price will be applied to the quantity of work at the discretion of the JEA.
2. Cost Reimbursable (Time and Materials) Method
 - a. Whenever the Company and the JEA are unable to agree on costs for an increase in the Work, JEA or JEA Representative shall order the Company to proceed with the Work on a cost reimbursable (time and material) basis. JEA will pay the Company for the SWA work in the manner hereinafter described, and the compensation thus provided shall constitute full payment for said work. JEA shall issue the SWA for the Company to perform the specific work with payment determined as follows:
 - b. For materials purchased by the Company and used in the work, the Company shall be paid the actual cost of such materials, including sales taxes if required, and freight and delivery charges as shown by original receipted bills. A mark-up amount equal to 10% of the sum thereof shall be added to this cost. JEA reserves the right to select and approve, or to reject the materials to be used and the sources of supply of any materials furnished by the Company.
 - c. The Company will be paid the cost of wages for all labor that is engaged in the Work, plus the actual cost chargeable to the Work for workers compensation insurance, social security taxes, unemployment compensation insurance and such additional amounts as are paid by the Company. A total mark-up shall be added equal to 10% of wages and other cost listed above. In evidence of the costs of labor the Company shall provide a certified statement of wages actually paid, together with copies of supporting payrolls. Wage rates used in determining the amount of the payment will be the actual wage rates paid

by the Company for Work under this Contract, except that no rate used shall exceed the rate of comparable labor currently employed on the project.

- d. Payment for the services of foremen in direct charge of the specific operation will be made. Payment for the service of superintendents, timekeepers or other overhead personnel will not be made nor will payment for the services of watchmen be made unless required specifically by the SWA Work. The actual function performed by an employee rather than its payroll title will be the criterion used in determining the eligibility of an employee's services for payment under this provision.
- e. The types and amounts of equipment and machinery used by the Company in carrying out its work under the SWA shall be made in keeping with normal practice for work of similar nature. JEA may, at its discretion, limit by specific instruction the types and amounts of equipment and machinery to be used. For all equipment and machinery used in the SWA work, JEA will pay the lowest of the following options to which no mark-up percentages will be added (note that these options apply to rented or contractor owned equipment): 80% of the rental value as set forth in the Blue Book value, or Actual cost, or Current local equipment rental company quote as produced by JEA. In computing the hourly rental of such equipment, the following applies: The lowest calculated hourly equipment rental rate shall be used based on the duration that the equipment is at the site and/or the actual cost the Company is paying. For example, if the equipment used has been on the project for more than one month, then the hourly rate used shall be derived/calculated from the monthly equipment rate. Less than 30 minutes shall be considered 1/2 hour except when the minimum rental time to be paid is one hour. Rental time will not be allowed while equipment is inoperative due to breakdowns. The rental time of equipment to be paid for shall be the time the equipment is in operation on the SWA work being performed. The Company shall be reimbursed for the time required to move the equipment to the Work, and return it to its original location, only if the Company is charged this cost by the renting agency. Excess rental time of equipment due to inefficient work practices will not be reimbursed. Actual costs must be supported by invoices or other similar documentation provided by the Company.
- f. No payment will be allowed for the use of small tools and minor items of equipment, which, as used herein, are defined as individual tools or pieces of equipment having a replacement value of \$500.00 or less.
- g. The Company and JEA Representative shall compare records of the Work performed on a Cost Reimbursable basis at the end of each day. These records shall be prepared by the Company and shall be signed by both JEA and the Company Representative. A copy of these records shall be submitted to JEA with the invoice for the work.
- h. Payment for cost reimbursable SWA work will be included in monthly progress payments.
- i. The Company's Subcontractors will be allowed a 10% mark-up on Work performed by their own forces. The Company will be allowed a 5% mark-up on the Subcontractor's costs (i.e., labor and materials) only, no mark-up on the Subcontractor's profit.
- j. Subcontractor's costs in excess of fifty thousand dollars (\$50,000) shall be justified for competitiveness through the submission of at least 3 bids or proposals for the work, or other cost justification satisfactory to JEA.

2.24. INITIATION OF A CHANGE BY JEA

When it is in JEA's best interest, the JEA Project Manager may request that the Company provide pricing information to accommodate a requested change in the Work, including a change to the scope of Work, quantity, schedule, or completion date. Upon the written request by JEA, the Company shall submit a cost estimate, including all pricing elements requested by JEA. The Company shall not proceed with any changes to the Work until such change is authorized in writing.

2.25. WARRANTY

Unless otherwise stated herein, the Company unconditionally warrants to JEA for a period of not less than 2 years from the date of issuance of the Certificate of Substantial Completion, that all Work furnished under the Contract, including but not limited to, materials, equipment, workmanship, and intellectual property, including derivative works will be:

- performed in a safe, professional and workman like manner; and
- free from Defects in design, material, and workmanship; and
- fit for the use and purpose specified or referred to in the Contract; and
- suitable for any other use or purpose as represented in writing by the Contractor; and
- in conformance with the Contract Documents; and
- merchantable, new and of first-class quality.

The Company warrants that the Work shall conform to all applicable standards and regulations promulgated by federal, state, local laws and regulations, standards boards, organizations of the Department of State, and adopted industry association standards. If the Work fails to conform to such laws, rules, standards and regulations, JEA may return the Work for correction or replacement at the Company's expense or return the Work at the Company's expense and terminate the Contract.

If the Company performs services that fail to conform to such standards and regulations or to the warranties set forth in the first paragraph of this Section, the Company shall make the necessary corrections at Company's expense. JEA may correct any services to comply with standards and regulations at the Company's expense if the Company fails to make the appropriate corrections within a reasonable time after notice of the Defect from JEA.

If Work includes items covered under a manufacturer's or Subcontractor's warranty that exceeds the requirements stated herein, Company shall transfer such warranty to JEA. Such warranties do not in any way limit the warranty provided by the Company to JEA.

If, within the warranty period, JEA determines that any of the Work is defective or exhibit signs of excessive deterioration, the Company at its own expense, shall repair, adjust, or replace the defective Work to the complete satisfaction of JEA. The Company shall pay all costs of removal, transportation, reinstallation, repair, and all other associated costs incurred in connection with correcting such Defects in the Work. The Company shall correct any Defects only at times designated by JEA. The Company shall extend the warranty period an additional 12 months for any portion of the Work that has undergone warranty repair or replacement, but in no case shall the maximum warranty period be extended beyond thirty-six (36) months.

JEA may repair or replace any defective Work at the Company's expense when the Company fails to correct the Defect within a reasonable time of receiving written notification of the Defect by JEA, when the Company is unable to respond in an emergency situation or when necessary to prevent JEA from substantial financial loss. Where JEA makes repairs or replaces defective Work, JEA will issue the Company a written accounting and invoice of all repair work required to correct the Defects.

Where spare parts may be needed, Company warrants that spare parts will be available to JEA for purchase for at least 75 percent of the stated useful life of the product.

The Company's warranty excludes any remedy for damage or Defect caused by abuse, improper or insufficient maintenance, improper operation, or wear and tear under normal usage.

Note that JEA intends to perform a warranty inspection prior to the expiration of the warranty period. JEA will notify the Company and the Company Representative shall attend the inspection. All discrepancies identified at said inspection shall be corrected by the Company within a reasonable timeframe.

2.26. PERFORMANCE OF THE WORK

The Company represents and warrants that it has the full corporate right, power, and authority to enter into the Contract and to perform the acts required of it hereunder, and that the performance of its obligations and duties

hereunder does not and will not violate any Contract to which the Company is a party or by which it is otherwise bound. The Company warrants that all items provided under the Contract shall be free from Defect and services shall be performed in a professional manner and with professional diligence and skill, consistent with the prevailing standards of the industry. The Company warrants that the Work will meet the functional and performance requirements defined in the Contract.

2.27. INDEMNIFICATION

The Company shall hold harmless and indemnify JEA against any claim, action, loss, damage, injury, liability, cost and expense of whatsoever kind or nature (including, but not by way of limitation, reasonable attorney's fees and court costs) arising out of injury (whether mental or corporeal) to persons, including death, or damage to property, arising out of or incidental to the negligence, recklessness or intentional wrongful misconduct of the Company and any person or entity used by Company in the performance of the Contract or Work performed thereunder. For purposes of this Indemnification, the term "JEA" shall mean JEA as a body politic and corporate and shall include its governing board, officers, employees, agents, successors and assigns. This indemnification shall survive the term of a Contract entered into pursuant to this solicitation, for events that occurred during the Contract term. This indemnification shall be separate and apart from, and in addition to, any other indemnification provisions set forth elsewhere in the Contract.

2.28. ENVIRONMENTAL INDEMNIFICATION

The Company shall hold harmless and indemnify JEA, including without limitation, its officers, directors, members, representatives, affiliates, agents and employees, successors and assigns (the "Indemnified Parties") and will reimburse the Indemnified Parties from and against any and all claims, suits, demands, judgments, losses, costs, fines, penalties, damages, liabilities and expenses (including all costs of cleanup, containment or other remediation, and all costs for investigation and defense thereof including, but not limited to, court costs, reasonable expert witness fees and attorney fees) arising from or in connection with (a) the Company's, including, but not limited to, its agents, affiliates or assigns ("Parties"), actions or activities that result in a violation of any environmental law, ordinance, rule, or regulation or that leads to an environmental claim or citation or to damages due to the Company's or other Parties' activities, (b) any environmental, health and safety liabilities arising out of or relating to the operation or other activities performed in connection with this Contract by the Company or any Party at any time on or after the effective date of the Contract, or (c) any bodily injury (including illness, disability and death, regardless of when any such bodily injury occurred, was incurred or manifested itself), personal injury, property damage (including trespass, nuisance, wrongful eviction and deprivation of the use of real property) or other damage of or to any person in any way arising from or allegedly arising from any hazardous activity conducted by the Company or any Party. JEA will be entitled to control any remedial action, any proceeding relating to an environmental claim. This indemnification agreement is separate and apart from, and is in no way limited by, any insurance provided pursuant to this Contract or otherwise. This section relating to indemnification shall survive the Term of this Contract, and any holdover and/or Contract extensions thereto, whether such Term expires naturally by the passage of time or is terminated earlier pursuant to the provisions of this Contract.

2.29. INSURANCE

Before starting the Work, and without further limiting its liability under the Contract, Company shall procure and maintain throughout the Term at its sole expense, insurance of the types and in the minimum amounts stated below:

Workers' Compensation

Florida Statutory coverage and Employer's Liability (including appropriate Federal Acts); Insurance Limits: Statutory Limits (Workers' Compensation) \$500,000 each accident (Employer's Liability).

Commercial General Liability

Premises-Operations, Products-Completed Operations, Contractual Liability, Independent Contractors, Broad Form Property Damage, Explosion, Collapse and Underground, Hazards (XCU Coverage) as appropriate; Insurance Limits: \$1,000,000 each occurrence, \$2,000,000 annual aggregate for bodily injury and property damage, combined single limit.

Automobile Liability

All autos-owned, hired, or non-owned; Insurance Limits: \$1,000,000 each occurrence, combined single limit.

Excess or Umbrella Liability

(This is additional coverage and limits above the following primary insurance: Employer's Liability, Commercial General Liability, and Automobile Liability); Insurance Limits: \$1,000,000 each occurrence and annual aggregate.

Company's Commercial General Liability and Excess or Umbrella Liability policies shall be effective for two years after Work is complete. The Indemnification provision provided herein is separate and is not limited by the type of insurance or insurance amounts stated above.

Company shall specify JEA as an additional insured for all coverage except Workers' Compensation and Employer's Liability. Such insurance shall be primary to any and all other insurance or self-insurance maintained by JEA. Company shall include a Waiver of Subrogation on all required insurance in favor of JEA, its board members, officers, employees, agents, successors and assigns.

Such insurance shall be written by a company or companies licensed to do business in the State of Florida and satisfactory to JEA. Prior to commencing any Work under the Contract, certificates evidencing the maintenance of the insurance shall be uploaded to JEA's ISupplier Portal which can be found at https://www.jea.com/about/procurement/isupplier_portal/

The insurance certificates shall provide that no material alteration or cancellation, including expiration and non-renewal, shall be effective until 30 days after receipt of written notice by JEA.

It shall be the sole responsibility of Company to ensure that any Subcontractors performing work for Company are properly insured against any claim, action, loss, damage, injury, liability, cost, and expense (including, but not by way of limitation, reasonable attorney's fees, and court costs) to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the Subcontractors.

2.30. TITLE AND RISK OF LOSS

Ownership, risks of damage to or loss shall pass to JEA only upon Acceptance. The Company shall retain the sole risk of loss to the Work up to and including the time of Acceptance. In the event of loss or damage to the Work, the Company shall bear all costs associated with any loss or damage.

2.31. SUSPENSION OF WORK

JEA may suspend the performance of the Work, in whole or in part, by providing Company with five days' prior written notice of such suspension. In the event of a suspension of Work, the Company shall resume performance of the Work when and to the extent directed in writing to do so by JEA.

Suspension of Work shall not affect any other rights or remedies JEA may have under this Solicitation and the Contract.

2.32. ACCEPTANCE OF WORK - RECEIPT, INSPECTION, USAGE AND TESTING

The JEA Project Manager will make the determination when Work is completed and there is Acceptance by JEA. Acceptance will be made by JEA only in writing, and after adequate time to ensure Work is performed in accordance with Contract Documents. JEA will reject any items delivered by Company that are not in accordance with the Contract and shall not be deemed to have accepted any items until JEA has had reasonable time to inspect them following delivery or, if later, within a reasonable time after any latent defect in the items has become apparent. JEA may partially accept the Work items. If JEA elects to accept nonconforming items, it may in addition to other remedies, be entitled to deduct a reasonable amount from the price as compensation for the nonconformity. Any Acceptance by JEA, even if nonconditional, shall not be deemed a waiver, or settlement or acceptance of any Defect.

2.33. INSPECTIONS AND TESTING

JEA, or its designated representatives, will perform inspections at the Company facilities during normal business hours and in a manner that minimizes disruption to the normal day-to-day work activities of the Company. Company

shall provide safe and proper facilities for inspection access and observation of the Work and also for any inspection or testing by others.

If the Company has covered or concealed any Work from inspection in any way that the JEA Representative has not specifically requested prior to the JEA Representative's inspection, or if the JEA Representative considers it necessary or advisable that covered Work be inspected or tested by others, the Company, at the JEA Representative's request, shall uncover, expose or otherwise make available the portion of the Work in question for observation, inspection or testing as the JEA Representative may require. The Company shall furnish all necessary labor, material and equipment to make such Work available.

If such Work is defective, the Company shall bear all expenses of uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including, but not limited to, compensation for additional professional services required by JEA, and no change in Contract Time will be considered as a result of the foregoing.

If such Work is not defective, JEA will reimburse the Company for actual time, material, and equipment costs for uncovering and reconstruction of the portion of the Work in question. JEA may also, at its sole discretion, grant the Company an extension of the Contract Time directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction.

All materials and equipment used in the construction of the Contract shall be subject to adequate inspection and testing in accordance with accepted standards. The Company shall select the laboratory or inspection agency for making all tests required by the specifications, and shall pay for this laboratory service direct, as a part of this Contract.

The Company shall pay for all required testing of materials and equipment. Two copies of each test showing certification of each test shall be furnished to the JEA Engineer immediately after such test has been made and with the exception of concrete, prior to delivery of the materials or equipment tested to the Work Location. JEA will not accept the materials or equipment until tests have been approved.

Materials of construction, particularly those upon which the strength and durability of the structure may depend, shall be subject to inspection and testing to establish conformance with specifications and suitability for uses intended. Test requirements for all materials are set out in the detailed specifications for that particular material. All materials and equipment prior to being incorporated in the Work, and required by the JEA Engineer to be tested, shall be tested for conformance with contractual requirements. Standard items of a uniform nature may be accepted on the manufacturer's certification. Where specific performance and/or quality is referred to, it is the Company's responsibility to have the necessary tests performed by qualified persons to show that the contractual requirements are being met except those tests named in the Contract Documents to be performed by JEA. Certified test results shall be submitted promptly in quadruplicate to the JEA Engineer for review. All tests shall be performed in accordance with referenced standards. Where no reference is made, tests shall be performed in accordance with the methods prescribed by the American Society for Testing and Materials, or such other organization as would be applicable.

The Company shall pay for any retests resulting from its failure to provide Work that passes required tests.

The JEA Engineer may appoint JEA Inspectors to inspect any and all materials and Work. Such inspection may extend to any or all parts of the Work and to the preparation and manufacture of the materials to be used. The JEA Inspectors shall not be authorized to alter, revoke, enlarge or relax the provisions of the Contract, nor will they be authorized to approve or accept any portion of the completed Work, nor to issue instructions contrary to the Contract. The JEA Inspector shall inform the JEA Engineer of the progress of the Work and the manner in which it is being done and notify the Company of any infringement upon the Contract Documents. The JEA Inspector will have the authority to reject defective materials or to suspend any Work that is being improperly done subject to the final decision of the JEA Engineer.

2.34. DENSITY TEST ALLOWANCE

JEA will provide funds as specified in the Solicitation to reimburse Company at cost for hiring one or more testing laboratory(ies) to perform all sampling, field testing and laboratory testing as specified herein, or as directed by the

JEA Project Manager. All testing is to be performed under the direct supervision of a registered geotechnical engineer paid for with the allowance. The testing allowance is to be used for first tests only. Any retesting due to failed first tests shall be at Company's expense. Company shall clearly mark on its invoices costs associated with testing services identifying the cost to Company of the testing service. Company agrees to invoice JEA for testing services at its cost with no mark-up.

2.35. DELAY IN ACCEPTANCE

JEA may delay delivery or acceptance of goods in the event of any unforeseen event. The Company shall hold the goods pending JEA's direction, and JEA will be liable only for direct increased costs incurred by the Company by reason of JEA's instructions.

2.36. LIQUIDATED DAMAGES

If the Company fails to obtain Substantial Completion of the Work on or before 1180 days after date the Notice to Proceed is issued, the Company shall pay JEA the sum of \$2,000.00 per day for each and every calendar day, including Sundays and Holidays, starting on this day until the date the Work obtains Substantial Completion.

If the Company fails to obtain JEA's Acceptance of the Work on or before 1240 days after the date of Notice to Proceed, the Company shall pay JEA the sum of \$1,000.00 per day for each and every calendar day, including Sundays and Holidays, starting on the day the Work was deemed by JEA to be Substantially Complete until the date the Work is Accepted by JEA.

Liquidated Damages are capped at a maximum of ten percent (10%) of the Contract Price.

The Company understands and agrees that said daily sum is to be paid not as a penalty, but as compensation to JEA as a fixed and reasonable amount for damages and losses that JEA will suffer because of such default, whether through increased administrative and engineering costs, interference with JEA's normal operations, other tangible and intangible costs, or otherwise, which costs will be impossible or impractical to measure or ascertain with any reasonable specificity.

Liquidated Damages may, at JEA's sole discretion, be deducted from any monies held by JEA that are otherwise payable to Company. The Company's responsibility for Liquidated Damages shall in no way relieve the Company of any other obligations under the Contract.

2.37. DELAYS

Neither party shall be considered in default in the performance of its obligations hereunder to the extent that the performance of such obligation is prevented or delayed by any cause beyond the reasonable control of the affected party, and the time for performance of either party hereunder shall be extended for a period of equal to any time lost due to such prevention or delay.

2.38. NO DAMAGE FOR DELAY

Damage, loss, expense, or delay incurred or experienced by the Company in the prosecution of the Work by reason of unforeseen circumstances, unanticipated difficulties and obstructions, bad weather, or other mischances that are generally considered to be a part of the usual hazards associated with Work, shall be borne entirely by the Company and shall not be the subject of any claim for additional compensation or change in Approved Schedule.

The Company agrees that its sole remedy for any claims, damages or losses related to any delay, disruption or hindrance alleged to be caused by JEA or any of JEA's agents or other contractors, shall be an extension of the Contract completion date.

Any demand for equitable time adjustment must be served in writing to JEA within five days of the event giving rise to the delay, disruption, or hindrance. Any request for an equitable time adjustment shall be accompanied by a logical time impact analysis, demonstrating the nature and magnitude of the event to the critical path.

Failure to strictly comply with these requirements shall be deemed a waiver of any right to seek equitable time adjustment.

In the event the "no damage for delay" clause is inapplicable, there shall be no recovery for home office overhead and any damages claimed shall be proven by discreet accounting of direct project costs and no theoretical formula or industry estimating reference manuals shall be permissible.

2.39. FORCE MAJEURE

No party shall be liable for any default or delay in the performance of its obligations under the Contract due to an act of God or other event to the extent that: (a) the non-performing party is without fault in causing such default or delay; (b) such default or delay could not have been prevented by reasonable precautions; and (c) such default or delay could not have been reasonably circumvented by the non-performing party through the use of alternate sources, work-around plans or other means. Such causes include, but are not limited to: act of civil or military authority (including but not limited to courts or administrative agencies); acts of God; war; terrorist attacks; riot; insurrection; inability of JEA to secure approval, validation or sale of bonds; inability of JEA or the Company to obtain any required permits, licenses or zoning; blockades; embargoes; sabotage; epidemics; pandemics; outbreaks of communicable disease; quarantines; fires; hurricanes, tornados, floods; other natural disasters; or strikes.

In the event of any delay resulting from such causes, the time for performance of each of the parties hereunder (including the payment of monies if such event actually prevents payment) shall be extended for a period of time reasonably necessary to overcome the effect of such delay, except as provided for elsewhere in the Contract Documents.

In the event of any delay or nonperformance resulting from such causes, the party affected shall promptly notify the other in writing of the nature, cause, date of commencement and the anticipated impact of such delay or nonperformance. Such written notice shall indicate the extent to which it is anticipated that any delivery or completion dates will be thereby affected within seven calendar days.

2.40. UNFORESEEN CONDITIONS

The Company understands and agrees that it is its responsibility to conduct due diligence prior to the Work. Such due diligence includes, but is not limited to, verifying all Work conditions, measurements, dimensions and latent and patent obstructions, the accuracy of drawings, test results, inspections and other informational materials provided in the Contract Documents, and any other causes for existing or potential changes to the Work prior to initiating the Work.

In the event that the Work must be changed due to the Company's failure to fulfill the above requirements, the Company understands and agrees that it will be responsible for all costs associated with the changed condition.

In the event, however, that the Company exercises the requisite due diligence and a change to the Work becomes necessary resulting from conditions that are clearly unforeseen and that could not have been discovered, the costs for adjusting the Work in response to such unforeseen conditions shall be addressed in a Change Order or an amendment to the Contract executed by JEA and Company. Any Work the Company performs prior to receipt of such Change Order or approved Contract amendment will be at the Company's sole risk.

2.41. BOND AMOUNT

The Company shall furnish a Payment Bond and Performance Bond in the amount of indicated on the Bid Form, made out to JEA in forms and formats approved and provided by JEA, as security for the faithful performance of the Work of Contract. JEA will send the approved bond forms to the Company for execution along with the Contract, however, in no case shall the date on the bond forms be prior to that of the executed Contract. The surety must be authorized and licensed to transact business in Florida. A fully executed Payment Bond and Performance Bond must be recorded with the Clerk of Duval County Court and delivered to JEA before JEA will issue a Purchase Order to begin the Work. No Purchase Order shall be issued until the Payment and Performance Bonds are recorded and delivered to the JEA Procurement Department. If the Company fails or refuses to furnish or record the required bonds, JEA will retain the Company's Bid Bond as liquidated damages.

2.42. NOTIFICATION OF SURETY

The Company shall notify its surety of any changes affecting the general scope of the Work or altering the Contract Price. The amount of the applicable bonds shall be adjusted accordingly, and the Company shall furnish proof of such adjustment to JEA within ten (10) days of date of Purchase Order.

2.43. TERM OF CONTRACT

The Contract shall be in force through completion of all Work, Acceptance, and final payment, including resolution of all disputes, claims, or suits, if any. Certain provisions of this Contract may extend past termination including, but not limited to, Warranty and Indemnification provisions. This Contract, after the initial year shall be contingent upon the existence of lawfully appropriated funds for each subsequent year of the Contract.

2.44. TERMINATION FOR DEFAULT

JEA may give written notice to the Company to discontinue all or part of the Work under the Contract or to cure a material breach of the Contract in the event that:

1. The Company, at any time, violates any of the conditions or provisions of the Contract Documents, or the Company fails to perform as specified in the Contract Documents, or the Company is not complying with the Contract Documents;
2. The Company attempts to willfully impose upon JEA items or workmanship that are, in JEA's sole opinion, defective or of unacceptable quality; The Company assigns or subcontracts the Work without prior written permission;
3. Any petition is filed, or any proceeding is commenced by or against the Company for relief under any bankruptcy or insolvency laws;
4. A receiver is appointed for the Company's properties, or the Company commits any act of insolvency (however evidenced);
5. The Company makes an assignment for the benefit of creditors;
6. The Company suspends the operation of a substantial portion of its business;
7. The Company suspends the whole or any part of the Work to the extent that it impacts the Company's ability to meet the Work schedule, or the Company abandons the whole or any part of the Work;
8. The Company breaches any of the representations or warranties;
9. The Company is determined, in JEA's sole opinion, to have misrepresented the utilization of funds or misappropriate property belonging to JEA; or
10. There is an adverse material change in the financial or business condition of the Company.

If, within fifteen (15) days after service of such notice to discontinue or notice to cure upon the Company, an arrangement satisfactory to JEA has not been made by the Company for continuance of the Work or the material breach has not been remedied, JEA may declare the Company to be in default and terminate the Contract.

Once Company is declared in default and the Contract has been terminated, JEA may notify the Surety in writing of the termination. The Surety shall, at JEA's sole option, take one (1) of the following actions upon JEA's written notice:

- a) Within a reasonable time, but in no event later than thirty (30) days from JEA's written notice of termination for default, the Surety shall arrange for the Company, with JEA's consent, to complete the Contract. Subject to the provisions below, JEA shall promptly pay the balance of the Contract price to the Surety upon completion of the Contract; or
- b) Within a reasonable time, but in no event longer than sixty (60) days from JEA's written notice of termination for default, the Surety shall award a contract to a completion contractor to complete the Work required by the Contract, issue notice to proceed, and pay the cost of completion, less the balance of the Contract price or, alternatively, JEA may elect to have the Surety determine jointly with JEA the lowest responsible qualified bidder, to have the Surety arrange for a contract between such bidder and JEA to complete the Work required by the Contract, and the Surety shall promptly make available as Work progresses sufficient funds to pay the cost of completion, less the balance of the Contract price; or
- c) Within a reasonable time, but in no event later than thirty (30) days from JEA's notice of termination for default, JEA may begin work to complete the Work required by the Contract or arrange for completion of the Contract and, within twenty-one (21) days thereafter, JEA shall determine the amount necessary

to complete the Work required by the Contract. Upon notice to the Surety, the Surety shall promptly tender payment to JEA of the amount so determined to complete the Work required by the Contract, less the balance of the Contract price.

The phrase "balance of the Contract price," as used above, means the total amount payable by JEA to Contractor under the Contract and any approved change orders thereto, less the amount properly paid by JEA to or on behalf of Contractor and less any liquidated damages or other damages due from Contractor to JEA (or which JEA may retain or use as an offset of amounts owed to Contractor) pursuant to the Contract.

In addition to the costs to complete the Contract pursuant to the options above, the Surety shall indemnify and hold JEA harmless on account of all claims and damages arising from Contractor's default under the Contract, and pay JEA for all losses, delay and disruption damages, and all other damages, expenses, costs, and statutory attorney's fees, including appellate proceedings, that JEA sustains as the result of a default by the Contractor under the Contract.

It is understood and agreed that any liquidated damages assessed by JEA against the Company shall belong to JEA and shall not be considered part of the balance of the Contract price or otherwise reduce the amount due to JEA from the Surety.

JEA shall have the right to take possession of and use any of the materials, plant, tools, equipment, supplies and property of any kind provided by the Company for the purpose of this Work.

JEA will charge the expense of completing the Work to the Company and will deduct such expenses from monies due, or which at any time thereafter may become due, to the Company. If such expenses are more than the sum that would otherwise have been payable under the Contract, then the Company or Surety shall pay the amount of such excess to JEA upon notice of the expenses from JEA. JEA shall not be required to obtain the lowest price for completing the Work under the Contract, but may make such expenditures that, in its sole judgment, shall best accomplish such completion. JEA will, however, make reasonable efforts to mitigate the excess costs of completing the Work.

The Contract Documents shall in no way limit JEA's right to all remedies for nonperformance provided under law or in equity, except as specifically set forth herein. In the event of termination for nonperformance, the Company shall immediately surrender all Work records to JEA. In such a case, JEA may set off any money owed to the Company against any liabilities resulting from the Company's nonperformance.

JEA has no responsibility whatsoever to issue notices of any kind, including but not limited to deficient performance letters and scorecards, to the Company regarding its performance prior to default by Company for performance related issues.

JEA shall have no liability to the Company for termination costs arising out of the Contract, or any of the Company's subcontracts, as a result of termination for default.

Immediately upon termination or expiration of this Contract, Company must return to JEA all materials, documents and things used by Company and belonging to JEA, including proposals, computer files, borrower files, building keys, and any other property or information regarding continued business compliance or goodwill, whether in electronic or hard-copy form. Furthermore, upon JEA's request, Company shall certify in writing that all of the foregoing documents or materials, including archival or backup copies, whether in electronic or hard-copy form, have been returned to JEA, deleted from any computer system, or otherwise destroyed.

2.45. TERMINATION FOR CONVENIENCE

JEA shall have the absolute right to terminate the Contract, in whole or part, with or without cause, at any time upon written notification to the Company of such termination.

In the event of termination for convenience, JEA will pay the Company for all Work performed by the Company prior to the termination date.

Upon receipt of such notice of termination, the Company shall stop the performance of the Work except as may be necessary to carry out a termination and take any other action toward termination of the Work that JEA may reasonably request, including all reasonable efforts to provide for a prompt and efficient transition as directed by JEA.

JEA shall have no liability to the Company for any cause whatsoever arising out of, or in connection with, termination including, but not limited to, lost profits, lost opportunities, or any resulting change in business condition.

2.46. ACTIONS AFTER TERMINATION

Immediately upon termination or expiration of this Contracts, Company must return to JEA all materials, documents and things used by Company and belonging to JEA, including proposals, computer files, borrower files, building keys, and any other property or information regarding continued business compliance or goodwill, whether in electronic or hard-copy form.

Furthermore, upon JEA's request, Company shall certify in writing that all of the foregoing documents or materials, including archival or backup copies, whether in electronic or hard-copy form, have been returned to JEA, deleted from any computer system, or otherwise destroyed.

2.47. SELF HELP

Within thirty (30) business days after being notified by JEA in writing of defective work, unacceptable work or failure to perform any portion of the work required by this Contract, if the Company fails to correct such work or perform such work, JEA may cause the unacceptable or defective work to be corrected or perform the work. If JEA undertakes to correct the work or perform the services, JEA shall be entitled to set off against and deduct from any monies due, or which may become due to the Company, the reasonable cost incurred by JEA. If the corrective work or services cannot reasonably be completed within such thirty (30) business day period, and the Company immediately begins corrective work or services, and JEA reasonably determines that the Company is diligently pursuing completion of such corrective work or services, JEA agrees to allow the Company to complete correction of the defective or unacceptable work or perform services within a reasonable period of time.

If the Company fails to reimburse monies due to a subcontractor in accordance with the timelines provided in the Florida Prompt Payment Act, after determining the Company's negligence, JEA reserves the right to reimburse the subcontractor and set off against and withhold such monies from payments due to the Company.

All costs and expenses incurred by JEA pursuant to this Section shall be deducted by JEA from monies due, or which may become due, to the Company for performance of the work or services and its obligations herein.

This provision is cumulative to all other provisions of the Contract, and it is not intended that any deductions in payment taken pursuant to this Section shall diminish or waive JEA's right to declare the Company in default in accordance with applicable provisions of the Contract or to exercise any other right or remedy available to JEA.

2.48. DATA OBLIGATIONS AT TERMINATION OR SUSPENSION OF CONTRACT

In the event of the Contract expiration or termination, the Company shall implement an orderly return of JEA's data in a mutually agreeable format at a time agreed to by JEA and the Company, or upon JEA's request, the Company shall secure the disposal of all JEA data. During any period of service suspension, the Company shall not take any action to intentionally erase any JEA data or its customers. In the event of termination of any services or the Contract in its entirety, the Company shall not take any action intentionally to erase any data of JEA or its customers except as mutually agreed upon in writing by the Company and JEA. Upon JEA request, the Company shall securely dispose of all request data in all its forms.

2.49. COMPANY REPRESENTATIVES

The Company shall provide JEA with the name and responsibilities of the Company Representative, in writing after Award of the Contract and before starting the Work under the Contract. Should the Company need to change the Company Representative, the Company shall promptly notify JEA in writing of the change.

2.50. COMPANY REVIEW OF PROJECT REQUIREMENTS

The Company shall review all requirements and specifications prior to commencing Work. The Company represents that its total Response Price and the schedule for the execution of the Work are based on its own knowledge and judgment of the conditions and hazards involved, and not upon any representation of JEA. JEA assumes no responsibility for any understanding or representation made by any of its representatives during or prior to execution of the Contract unless such understandings or representations are expressly stated in the Contract and the Contract expressly provides that JEA assumes the responsibility.

The Company shall immediately notify the Project Manager in writing of any conflict with applicable law, or any error, inconsistency, or omission it may discover. JEA will promptly review the alleged conflicts, errors, inconsistencies, or omissions, and issue a Change Order or Contract Amendment as appropriate if JEA is in agreement with the alleged conflict, and issue revised specifications. Any Work the Company performs prior to receipt of approved Change Order will be at the Company's sole risk.

2.51. COORDINATION OF SERVICES PROVIDED BY JEA

The JEA Project Manager, or other designated JEA Representative, will, on behalf of JEA, coordinate with the Company and administer the Contract. It shall be the responsibility of the Company to coordinate all assignment related activities with the designated JEA Representative. A JEA Representative will be assigned to perform day-to-day administration and liaison functions, and to make available to the Company appropriate personnel, to the extent practical, and to furnish records and available data necessary to conduct the Work. The JEA Representative will also authorize the Company to perform work under the Contract.

2.52. WORK SCHEDULES

The Approved Schedule is referenced in the Technical Specifications attached to this Solicitation. If no schedule is provided, then the established schedule is based on working five (5) days per week, single shift, eight (8) hours per day or four (4) days per week, single shift, ten (10) hours per day. JEA may require the Company to base its schedule on an accelerated Work schedule or multiple shifts. The Company shall not schedule work on Holidays without obtaining prior written approval from JEA

The Company shall, at no additional cost to JEA, increase or supplement its working force and equipment and perform the Work on an overtime or multiple shift basis when directed by JEA and upon notification that the Company is behind schedule. The Company shall submit a revised schedule in writing demonstrating the Company's schedule recovery plans.

The Company understands and agrees that the rate of progress set forth in the Approved Schedule already allows for ordinary delays incident to the Work. No extension of the Contract Term will be made for ordinary delays, inclement weather, or accidents, and the occurrence of such events will not relieve the Company from requirement of meeting the approved schedule.

2.53. UNAUTHORIZED WORK

JEA will consider any Work performed beyond the lines and grades shown on the Contract or as given, or any extra Work performed without written authority or consent by JEA, JEA will not pay the Company for such Work. If so ordered by the JEA Project Manager, the Company shall remove such unauthorized Work and properly replace and repair as necessary at the Company's own expense.

2.54. VENDOR PERFORMANCE EVALUATIONS

Use of Vendor Performance Evaluation Scorecards

JEA may evaluate the Company's performance using the Vendor Performance Scorecard templates which are available online at jea.com. However, JEA is not required to use scorecards to terminate a contract.

When evaluating the Company's performance, JEA will consider the performance of the Company's Subcontractors and suppliers, as part of the Company's performance.

Vendors are scored on a scale from 1 to 5:

5 - Far Exceeds Expectations

- 4 - Exceeds Expectations
- 3 - Meets Expectations
- 2 - Below Expectations
- 1 - Far Below Expectations

The Scorecard averages all the scores for each criterion. If a Vendor scores a 3 or higher, they are considered to at least Meet Expectations.

Frequency of Evaluations

JEA may conduct performance evaluations and prepare scorecards at any time during performance of the Work or soon after the completion of the Work. JEA may conduct one or more evaluations determined solely at the discretion of JEA.

Scoring -Meets Expectations

JEA expects the Company's performance to be at a minimum evaluated as "Meets Expectations".

Scoring - Below Expectations

If at any time, JEA determines, using the criteria described on the scorecard, that the performance of the Company is Below Expectations or Far Below Expectations, the Project Manager may first meet with the Company and issue a deadline for the Company to be back in compliance with the Contract.

If the Company fails to achieve Contract compliance, the Chief Procurement Officer or her designated alternate may meet with the Company to review the scorecard and/or send a Notice to Cure letter to the Company describing the deficient performance. The Company shall respond as requested and shall also include in its response a statement of the timeframes and specific actions that the Company will take to bring the Company's performance up to at least Meets Expectations.

The Company's performance may again be evaluated by the JEA Project Manager and if the Company is evaluated as at least Meets Expectations, no further remedial action is required by the Company, as long as Company's performance continues to be at Meets Expectations.

If the scorecard shows the Company's performance is Below Expectations or Far Below Expectations, JEA will take such actions as it deems appropriate including, but not limited to, terminating the Contract for breach, suspending the Company from bidding on any JEA related solicitations, invoking the Self-Help clause, and other remedies available in the JEA Procurement Code and in law. Such action does not relieve the Company of its obligations under the Contract, nor does it preclude an earlier termination.

In the event that the Contract Term or the remaining Term of the Contract does not allow for the completion of the deficient performance notification cycles described above for those in danger of receiving a Below Expectations scorecard, JEA may choose to slow down or accelerate these cycles at its sole discretion.

If the Company receives five or more letters of performance deficiency within any 12-month period, then JEA will consider suspending the Company's JEA bidding privileges.

Disputes

In the event that the Company wants to dispute the results of its scorecard performance evaluation, the Company must submit a letter to the Chief Procurement Officer supplying supplemental information that it believes JEA failed to take into account when preparing the scorecard. Such letter, along with supplemental information, must be submitted no later than 10 days following the Company's receipt of the scorecard. If the Chief Procurement Officer decides to change the scorecard, the Company will be notified and a revised scorecard will be prepared, with a copy issued to the Company. If the Chief Procurement Officer decides that no change is warranted, the decision of the Chief Procurement Officer is final.

Public Records

There can be no expectation of confidentiality of performance-related data is subject to disclosure pursuant to Florida Public Records Laws. All scorecards are the property of JEA.

2.55. OBLIGATIONS OF THE COMPANY & SUBCONTRACTOR SUPERVISION

The Company shall provide everything necessary to successfully complete the Work except the materials and services specifically stated in the Contract to be provided by JEA. No payments, other than those shown in the Company's Response, will be made to the Company for performance of any requirements of the Contract Documents. The Company shall perform all Work in accordance with the Contract Documents and the applicable JEA standards manuals, safety manuals, policies, accepted commercial work practices, local, state, and federal, rules regulations and laws which may be amended from time to time. The Company shall provide all permits, certifications, insurances, and bonds necessary or required by good practice, except where specifically stated in the Contract to be provided by JEA.

The Company's personnel shall perform all Work in a professional, efficient, and competent manner. The Company is obligated to provide personnel possessing the skills, certifications, licenses, training, tools, demeanor, motivation, and attitude to successfully complete the Work. The Company is obligated to remove individuals from performing Work under this Contract when the Company recognizes an individual to not be working in a manner consistent with the requirements of this Contract, or when JEA notifies the Company, that JEA has determined an individual or group of individuals to not be working in a manner consistent with the requirements of this Contract. The Company is obligated to ensure that their officers and executives interact with JEA, JEA customers, whether direct or indirect customers of JEA, with the utmost level of professionalism and integrity.

In the event the Company chooses to use Subcontractors, the Company is obligated to provide Subcontractors possessing the skills, certifications, licenses, training, tools, demeanor, motivation, and attitude to successfully perform the work for which they are subcontracted. The Company is obligated to remove Subcontractors from performing Work under this Contract when the Company recognizes that a Subcontractor is failing to work in a manner consistent with the requirements of this Contract, or when JEA notifies the Company, that JEA has determined a Subcontractor is failing to work in a manner consistent with the requirements of this Contract.

The Company is obligated to ensure that sufficient supervision of the Work is provided. This includes ensuring that the appropriate Company Representative is at the Work Location when Work is being performed.

The Company shall bear sole responsibility for the efficiency, adequacy, and safety of the performance of the Work, including temporary Work and facilities, until Acceptance. The Company shall be solely responsible for any loss or damage to materials, tools, labor, and equipment used during the performance of, or in connection with, the Work. Any JEA verbal comments or approval regarding the Company's performance, materials, working force, or equipment will not relieve the Company of any responsibility.

2.56. QUALIFICATIONS OF EMPLOYEES, SUBCONTRACTORS, AND AGENTS

All employees, subcontractors and agents of the Company performing work under the Contract shall be properly trained and qualified. Upon request, Company shall furnish a copy of a technical certification or other proof of qualification. All employees, subcontractors and agents performing work under the Contract must comply with all reasonable administrative requirements of JEA and with all controlling laws and regulations relevant to the services they are providing under the Contract.

The Company shall take all actions necessary to ensure that the Company's employees, subcontractors, and agents are not considered employees of JEA. Such actions include, but are not limited to, ensuring that Company's employees, subcontractors, and agents receive payment and any legally mandated insurance (e.g., workers' compensation and unemployment compensation) from an employer other than JEA.

2.57. JEA ACCESS BADGES

If the Work requires an individual to access JEA's facilities or properties, the Project Manager or other JEA Representative will determine whether or not such individual must have a JEA access badge prior to accessing JEA facilities or properties. This determination will be made based upon the business need and in accordance with JEA's applicable security policies and procedures. In no event shall individuals share JEA access badges.

Individuals issued an access badge must adhere to all of JEA's security badge usage policies and procedures. Violation of the provisions of this Section or any of JEA's security policies may result in immediate termination of the Contract.

In particular, JEA shall be notified within 24 hours of a lost or stolen JEA access badge or when an individual leaves the Company or any subcontractor. The Company will bear any costs associated with issuance, and production, of any lost or stolen JEA access badge. The Company is required to report all badge loss, or termination, notifications to the JEA Representative and JEA Security. JEA Security can be contacted at (904) 665-8200 and security@jea.com. Failure to make the reports required in this paragraph may result in significant regulatory fines and penalties. The Company shall be responsible for all such costs and JEA shall have the right to immediately terminate the Contract.

The provisions in this Section shall apply to Company's Subcontractors and agents performing any of the Work and shall be included in Company's contracts with its Subcontractors for any part of the Work.

2.58. BACKGROUND CHECKS AND OTHER SECURITY POLICIES

The Company, at its expense, shall conduct appropriate background checks and screen each individual who will provide services to JEA as a part of the Work or who will have access to JEA's computer systems, either through on-site or remote access. The minimum background screening process shall include, but not be limited to, the following checks:

- I. Social Security Number (SSN) Trace;
- II. Criminal Records (County and State Criminal Felony and Misdemeanor, National Criminal Database, Federal Criminal);
- III. Background checks undertaken by JEA for its own employees who have duties similar to the duties of the Company's employee(s); and
- IV. Background checks which may be required pursuant to applicable background screening policies adopted by JEA from time to time.

The background screening must be conducted prior to the employee providing any services or performing any Work for JEA. JEA has the right to require more regular background checks and has the right to require that the Company provide background check results to JEA. JEA shall have the right to audit the Company's background check process to ensure compliance with JEA standards. If, at any time, the Company discovers that an individual providing services to JEA as a part of the Work has a criminal record that includes a felony or misdemeanor, the Company shall immediately inform JEA and JEA will assess the circumstances surrounding the conviction, time frame, nature, gravity, and relevancy of the conviction to the job duties. JEA, in its sole discretion, shall determine whether the individual will be placed on, or terminated from, a JEA assignment. Additionally, all individuals providing services to JEA shall have the responsibility to self-disclose any misdemeanor or felony conviction that occurs while assigned to JEA within three business days of the conviction. If the Company learns of any such conviction, the Company shall notify JEA immediately. The Company shall comply with all applicable laws and regulations governing the conduct of background checks, including but not limited to the Fair Credit Reporting Act (FCRA). Failure of the Company to comply with the terms of this paragraph may result in immediate termination of its contract with JEA.

2.59. DATA OWNERSHIP, PROTECTION AND LOCATION

JEA shall own all right, title and interest in all data of JEA and JEA's customers that is related to the Work. The Company shall only access JEA's data and JEA's customers' accounts and data if (i) required to provide the Work, (ii) required in response to service or technical issues, (iii) required by the express terms of the Contract, or (iv) at JEA's written request. Protection of personal privacy and data shall be an integral part of the Work to ensure that there is no inappropriate or unauthorized use of data of JEA or JEA's customers at any time.

The Company shall safeguard the confidentiality, integrity, and availability of all data of JEA and its customers and comply with the following:

The Company shall implement and maintain appropriate administrative, technical, and organizational security measures to safeguard against the unauthorized access, disclosure or theft of Personal Data or Non-Public Data. For

the purposes of the Contract, "Personal Data" shall mean data that includes information relating to a person that identifies the person by name and has any of the following personally identifiable information: government-issued identification numbers (e.g., Social Security, driver's license, passport); financial account information including account number, credit or debit card numbers; or protected health information relating to a person. Non-Public Data shall mean data, other than Personal Data, that is not subject to distribution to the public as public information and is deemed to be sensitive and confidential because it is exempt by statute, ordinance, or administrative rule from access by the general public as public information;

All data obtained by Company under the Contract shall become and remain the property of JEA:

- I. All Personal Data and Non-Public Data shall be encrypted at rest and in transit with controlled access. Unless otherwise agreed in writing by JEA and the Company, the Company shall be responsible for encryption of the Personal Data and non-Public Data;
- II. At no time shall any Personal Data or Non-Public Data of JEA or its customers be copied, disclosed, or retained by the Company or any party related to the Company for subsequent use in any transaction that is not a part of the Work to be provided under the Contract;
- III. The Company shall not use any Personal Data, Non-Public Data or any other information collected in connection with the Contract for any purpose other than providing the Work; The Company will prevent its employees, other than employees with a need to know, from gaining access to JEA's data and information. The Company will direct and take all reasonable steps to insure that any Company employee who encounters any such information during the course of performing the Company's responsibilities of the Contract shall maintain the confidentiality of such information, which shall not be passed onto other Company employees or any other person. The Company shall also enforce separation of job duties, require commercially reasonable non-disclosure agreements, and limit staff knowledge of JEA data to that which is absolutely necessary to perform job duties. The Company shall provide the Work solely from data centers in the United States. Storage of JEA data at rest shall be located solely in data centers in the United States. The Company shall not allow its personnel or its subcontractors to store JEA and JEA customer data on portable devices, including personal computers, except for devices that are used and kept only at its data centers in the United States. The Company shall permit its personnel and subcontractors to access JEA and JEA customer's data remotely only as required to provide technical support. The Company shall deploy reasonable steps and safeguards as part of a network security program in accordance with accepted industry practices, including but not limited to, Purchasing Card Industry-Data Security Standards (PCI-DSS), to prevent unlawful hacking to gain surreptitious access into JEA's and JEA's customer's data.

The Company shall promptly notify JEA within 48 hours of any confirmed breaches or issues regarding the security of systems that maintain JEA or JEA's customer data, or within 12 hours in the event of a ransomware incident. However, any such notification by the Company shall not affect the Company's obligations to secure JEA's data as provided under the Contract. The Company shall notify JEA within 48 hours if it learns that JEA or any of JEA's customers has been, have been, or may have been, the subject of a Security Incident (which is defined below) of any kind which may compromise data of JEA or its customers, except in the event of a ransomware incident, in which case the Company shall notify JEA within 12 hours of such incident. In any such event, the Company shall: (i) investigate the incident(s) and provide a report to JEA within 48 hours; (ii) conduct a forensic investigation to determine a cause and what data/systems are implicated; (iii) provide daily updates of its investigation to JEA and permit JEA reasonable access to the investigation; (iv) communicate and cooperate with JEA concerning communication with outside parties such as law enforcement and media; and (v) cooperate with JEA in determining whether and how notice, if any, will be provided to JEA's customers with all applicable laws and regulations.

The term "Security Incident" means the potentially unauthorized access by non-authorized persons to Personal Data or Non-Public Data that the Company believes could reasonably result in the use, disclosure, or theft of unencrypted Personal Data or Non-Public Data of JEA or its customers within the possession or control of the Company. If a Data Breach (defined below) with respect to Personal Data or Non-Public data has occurred, the Company shall promptly implement necessary remedial measures and document responsive actions taken related to the Data Breach, including any post-incident review and actions taken to make changes in business practices in providing the Work, if necessary.

If a Data Breach is a result of the Company's breach of its obligation to encrypt Personal Data or Non-Public Data or otherwise prevent the release of Personal or Non-Public Data or the Company's failure to comply with any of the security requirements comply with the Contract, the Company shall bear the costs associated with (i) the investigation and resolution of the Data Breach; (ii) notifications to individuals, regulators or others required by state law; (iii) a credit monitoring service required by state or federal law; (iv) a website or toll-free number and call center for affected individuals required by state law; and (v) completing all corrective actions as reasonably determined by the Company based on root cause.

The term "Data Breach" means the unauthorized access by a non-authorized person or persons that results in the use, disclosure or theft of unencrypted Personal Data, Non-Public Data or JEA's customer information.

2.60. JEA CRITICAL INFRASTRUCTURE PROTECTION (CIP)

Pursuant to federal regulations, JEA is required to implement Critical Infrastructure Protection (CIP) and comply with NERC/FERC reliability standards for identified assets (collectively the "Assets"). Assets include both physical and cyber Assets that are essential for JEA to maintain the integrity of the bulk electric system. Therefore, the Company must ensure that all individuals that have access to any Assets meet all requirements of JEA, including, but not limited to the background screenings required by this Contract, prior to the individual performing any services for JEA. The specific Assets an individual will access will determine the specific JEA training and criminal background check that will be required before an employee will be approved to perform services for JEA. The Company will be responsible for all labor costs associated with completion of the training. The provisions of this Section and the immediately preceding section shall apply to all of the Company's Subcontractors and agents and shall be included in Company's contracts with its Subcontractors for any part of the Work. JEA reserves the right to modify these terms if the applicable regulations change or additional regulations become applicable. JEA will provide sufficient notice in advance for Company to comply with JEA's requirements related to the updated regulations.

If applicable for all or any part of the Work, Company must also be able to certify and demonstrate to JEA's satisfaction that Company is able to comply with JEA's supply chain cyber security risk management plan and the requirements of NERC Reliability Standard NERC CIP-013, including, but not limited to CIP-013 R1. Company must demonstrate that Company has, in JEA's sole discretion, appropriate cyber security processes, including, but not limited to, addressing the following:

1. Notification by Company to JEA, within 12 hours or sooner, of any Company personnel, who have been terminated, retired, or ceased working on JEA projects.
2. Notification by the Company of Company-identified incidents related to the products or services provided to JEA that pose cyber security risk to JEA
3. Coordination of responses to Company-identified incidents related to the products or services provided to the JEA that pose cyber security risk to JEA
4. Notification by Company when remote or onsite access should no longer be granted to Company representatives
5. Disclosure by Company of known vulnerabilities related to the products or services provided to the JEA
6. Method for verification of software integrity and authenticity of all software and patches provided by the Company for use in JEA's Bulk Electric System's Cyber System
7. Coordination of controls for (i) Company-initiated Interactive Remote Access, and (ii) system-to-system remote access with Company
8. Compliance with JEA CIP Cyber Security Policy (MD-202).

2.61. LICENSES

The Company shall comply with all licensing, registration, and certification requirements pursuant to applicable laws, rules and regulations. The Company shall secure all licenses, registrations and certifications as required for the performance of the Work and shall pay all fees associated with securing them. The Company shall produce written evidence of licenses and other certifications immediately upon request from JEA.

2.62. LEGAL WORKFORCE

The Company's employment of unauthorized aliens shall be a violation of section 274A(e) of the Immigration and Nationalization Act and a breach of the provisions of the Contract. The Company and all Subcontractors must enroll

and participate in the federal E-Verify Program prior the performance of any part of the Work and appropriately screen all individuals performing any part of the Work. Proof of enrollment and participation must be provided to the JEA Representative upon request.

2.63. REPORTING

The Company shall provide all reports as defined in the Contract Documents. Where the reporting frequency is daily, reports shall be submitted by noon of the following workday. Where the reporting frequency is weekly, reports are due by Monday at noon, covering the prior workweek. Where Monday is a Holiday, the reports are due at noon on the next workday. Where reports are due monthly, reports are due by noon on the first business day of each month. Sample forms for reports may be included in the Contract Documents. Where they are included, they are to be used. Where they are not included, the Company shall provide a sample of its proposed report format for each report to the JEA Project Manager at least one-week prior to its initial due date. The JEA Project Manager will review and either approve or reject use of the report. Where proposed report is rejected, Company shall resubmit revised report formats, until JEA Project Manager approves format. Reporting cycle shall begin upon the Purchase Order date, or, if used, the issuance date of the Notice to Proceed. Where the Contract calls for reports to be submitted by Company, such reports shall be in both paper and electronic format, with the electronic version submitted electronically via email to the JEA Project Manager.

2.64. CPM SCHEDULE REQUIREMENTS

The Contractor shall use the Critical Path Method (CPM) to schedule and manage the Work. A qualified member of the Contractor's personnel shall create the schedule. If the Contractor does not have staff capable of preparing and managing CPM schedules, the Contractor shall obtain such qualified personnel on a subcontract basis for supporting this Contract.

All CPM scheduling will be performed using CPM precedence diagramming method (PDM) scheduling software such as Primavera P6, Primavera Contractor or a CPM scheduling software compatible with Primavera P6 import capabilities (.xer file format). The Contractor shall submit all schedules and associated reports to the Contract Administrator in paper and electronic formats as described below in order to allow both complete analysis of the schedules and accurate record keeping.

Construction contracts less than \$10 million will have a cost-loaded schedule. Construction contracts equal to or more than \$10 million will be cost and resource loaded.

Project Schedule Definitions

Activity - A single, continuous, and identifiable task in the total Work. The project work scope is sub-divided into work tasks that are represented in the schedule software as activities. How finely the project scope is subdivided into tasks determines the "level of detail" within the schedule. JEA retains the right to reject a schedule for insufficient levels of activity detail.

Baseline Schedule - The Baseline Schedule comprises the plan and schedule that the Contractor intends to use to perform and complete the Work. Upon approval by the JEA Representative, the Baseline Schedule shall be the schedule of record from which entitlement for adjustments in the completion deadline(s) shall be measured until a Revised Baseline Schedule is approved by the JEA Representative.

Contract Float - Contract Float is the number of days between the Contractor's anticipated date for early completion of the Work, or specified part, and the corresponding Contract Time.

Contract Milestone - A Contract Milestone is a Milestone required in every project schedule to identify significant Contract events. Required Contract Milestones include Notice to Proceed (NTP), Substantial Completion (SC) and Final Completion (FC).

CPM Network - The CPM Network is a transferable electronic copy of project software data and files. It includes, but is not limited to, activities, milestones, calendar definitions, precedence relationships including any relationship lag periods, date constraints, baseline schedules, project and activity code definitions, resource definitions, resource

assignments, project values (e.g. the data date/time now value, settings for project-activity processing options, etc.), and all information that can be generated from such data.

Critical Path - The Critical Path is defined as the longest continuous series of activities through the network to the Substantial Completion Contract Milestone.

Current Schedule - The Current Schedule has progress information (updates) reported against in-progress and completed activities. Update information is used to re-calculate / reforecast the most likely "early start" dates of the remaining incomplete activities as sequenced by the network. This calculation establishes the earliest forecasted completion date of the project, which allows Project Managers to determine if they are ahead, on, or behind schedule to meet the Contract Milestones. A current schedule is used to evaluate Contractor progress against the Baseline Schedule.

Interim Contract Milestone - An Interim Contract Milestone is a Milestone that is specifically called out by the Contract to be included in the project schedule. Example Interim Contract Milestones could be completion of specific phases of work at a specific number of contract days from NTP or required delivery dates of material or equipment.

Interim Schedule - The Interim Schedule and schedule narrative describes the activities to be performed within the first 120 calendar days after NTP and their interdependencies subject to all requirements of the Contract. The Interim Schedule shall include a separate proposed payment plan for its duration, which upon written approval by JEA, shall be used by the Contractor for payment purposes during the Interim Schedule period.

Milestone - A task with zero duration that identifies the instant of time at which a significant task within the project is starting or stopping. Start Milestones shall be used to represent the start of a significant task while Finish Milestones shall be used to represent the completion of a significant task.

Precedence Relationships - The logical relationships created in the scheduling software to sequence the performance of the work tasks identified by activities or milestones. Precedence relationships can be categorized in 4 groups - Finish-to-start, Start-to-Start, Finish-to-Finish, and Start-to-Finish. The interface between activities created by precedence relationships creates a PDM network logic. A PDM logic where estimated durations have not been assigned to the activities constitutes a network "Plan". Once activities are assigned estimated durations, the software interfaces durations and the network logic to calculate a "Schedule" based on the Plan.

Proposed Schedules - Proposed schedules are schedules in which the Contractor proposes revisions and/or changes to the Baseline Schedule for JEA's acceptance. If a Proposed Schedule is accepted by JEA, it shall be incorporated into a Revised Baseline Schedule and all work progress shall be reported against it going forward.

Revised Baseline Schedule - A Revised Baseline Schedule is submitted by the Contractor whenever changes in the Current Baseline Schedule are required to accurately reflect any changes in the Contractor's plan for performing the Work or the impact of any approved changes in the Work. The Revised Baseline Schedule, once approved by JEA, comes the Baseline Schedule from which progress and entitlement for adjustments to the Completion Deadline is measured.

Schedule Progress Updates - Schedule Progress Updates are submitted monthly by the Contractor to update the Current Schedule with status during the period of the update and to reflect the Contractor's current plan for performing the Work.

Three Week Look-ahead Schedule - A schedule, submitted by the Contractor, of all planned work to be performed over the next three weeks in sufficient detail to enable the tracking of the day-to-day field activities. The detail and format are as directed by the JEA project representative but a Three-Week Look-Ahead produced from the Current Schedule is preferred. These Three-Week Look-ahead Schedules are to be submitted weekly by the Contractor in PDF format.

Total Float - Total Float is the amount of time a scheduled activity can be delayed without delaying the completion of the Work beyond the Contract Milestones.

Purpose of the Project Schedule

Project schedules shall be used for evaluating all issues related to time for this Contract. The project schedules shall be used by JEA and the Contractor for the following purposes as well as any other purpose where the issue of time is relevant:

1. To communicate to JEA the Contractor's current plan for carrying out the Work;
2. To identify work paths that are critical to the timely completion of the Work;
3. To identify upcoming activities on the critical path(s);
4. To evaluate the best course of action for mitigating the impact of unforeseen events;
5. As the basis of establishing the predecessors for each contract milestone;
6. As the basis for analyzing the time impact of changes in the Work;
7. As a reference in determining the cost associated with increases or decreases in the Work;
8. To prioritize activities for which JEA is responsible;
9. To document the actual progress of the Work;
10. To evaluate the resource requirements of the Contractor;
11. To integrate the Work with the operational requirements of JEA's facilities;
12. To schedule and coordinate interfaces with adjacent contracts;
13. As a basis for determining valid acceleration plans;
14. To facilitate efforts to complete the Work in a timely manner;
15. To verify progress of the Work as it pertains to billing periods and invoices for payment.

The project schedules provide a basis for decisions that may affect the Work under this Contract, as well as other concurrent or future contracts. The Contractor shall submit schedule submittals per the requirements of this specification. Project schedules should always reflect the Contractor's current plan for the Work and be updated as described in this specification.

Schedule Type

All project schedules shall be a computer generated, Critical Path Method (CPM) network utilizing the precedence diagram method of scheduling.

Software

The Project Schedule in CPM format (the "CPM schedule") shall be created in a format compatible with the latest version of Primavera P6, or as otherwise specified by JEA. The Contractor shall purchase and maintain a valid software maintenance agreement for each license of software necessary to produce the Project Schedule. The Contractor shall not upgrade to a new version of the scheduling software during a project unless previously approved in writing by JEA. If the Contractor desires, they may procure the services of a third party to provide scheduling services at no additional cost to JEA.

JEA currently uses Primavera P6 version 15.1 and would prefer Contractor's use either Primavera P6 or Primavera Contractor.

Use of Float

Total Float and Contract Float are not for the exclusive use or benefit of either JEA or the Contractor but must be used in the best interest of completing the project within the Contract Time relative to the contract milestones. If the Early Dates in any Progress Schedule Submittal forecasts any slippage or overrun of the contract milestones, the Contractor shall indicate such slippage or overrun by reporting negative float. Total and Contract Float shall be available to JEA, consultants, or the Contractor to accommodate changes in the Work or to mitigate the effect of events which may delay performance or completion. Total and Contract Float are an expiring resource available to all parties, acting in good faith, as needed to meet the contract milestones. JEA will monitor and optimize the use of float for the benefit of the project.

Early Completion

An early completion schedule is one that anticipates completion of all or a specified part of the work ahead of the corresponding contract time. Since Contract Float belongs to the project, the contractor shall not be entitled to any

extension in contract time or recovery for any delay incurred because of extensions of an early completion date until all Contract Float is used or consumed and performance or completion of the work extends beyond the contract time.

Pacing

If the Work is delayed on the Critical Path due to a delay caused by JEA, thereby creating additional float on any other path, then use of such float shall be construed as a concurrent delay to any delay caused by JEA. The Contractor shall maintain its original schedule on the other paths and activities not affected by the delay.

Non-Compliance

JEA may refuse to recommend/authorize a progress payment in the event of the Contractor's failure, refusal, or neglect to provide the required schedule information, since this will preclude the proper evaluation of the Contractor's progress. Remedies for the Contractor's failure, neglect, or refusal to comply with the requirements of this section are in addition, and not limited to, those provided under other sections of the Contract.

Quality Assurance

The Contractor shall perform the Work covered by this section with personnel having substantial experience in the use of scheduling software on construction projects that required the development and maintenance of the schedule throughout the project duration.

It is the responsibility of the Contractor to work with each subcontractor and supplier to obtain information pertinent to the planning and updating of their respective activities in the schedule.

Baseline Schedule Preparation and Submittal

In achieving an approved Baseline Schedule there will be no adjustment in the Contract Price. In general, the Baseline Schedule shall demonstrate a complete understanding of the Work, inclusive of all phasing and sequencing considerations and shall include, but not be limited to:

1. The order in which the Contractor intends to prosecute the Work, outlining the intended flow of Work, including submittals, submittal reviews, procurement of equipment and materials, maintenance of traffic, pollution control measures, utility interfaces, right-of-way, and other information as required by the contract;
2. All relevant work constraints to performing the Work including, but not limited to, right-of-way access constraints (with clear logical connections to the commencement of various work), accommodation of utility relocations, permitting restrictions, and environmental/seasonal constraints;
3. The dates on which the Contractor plans to start and complete various Work stages, operations, and principle items of Work, including the Contract Milestones; and
4. Interfaces with other entities such as Utility Owners, Third Parties, adjacent contractors, and other stakeholders;
5. The Baseline Schedule will be accompanied by a payment breakdown. This breakdown will identify the costs associated with each schedule activity.
6. All schedule submittals shall be in accordance with Section 7: Review, Acceptance and Approval of Project Schedule Submittals.

Completion, Timeliness and Review of Baseline Schedule Submittals

To promote the efficient use of Contractor and JEA scheduling resources, the submittal requirements have been phased. The Contractor shall complete and submit schedules in accordance with the submittal deadlines contained in Table 1. For the determination of submittal deadline dates and total contract schedule duration, the date of NTP shall be working day number one.

Baseline schedule submittals will be reviewed for conformity with the Contract and the requirements in this specification. Each submittal required by this section shall reflect the incorporation of all of JEA's comments on the

Baseline Schedule to date. With each submittal, the Contractor shall provide a written response to each of JEA’s comments to date.

Failure of the Contractor to provide complete, timely Baseline Schedule submittals as specified, and in the sequence and timeframes specified below, may result in delays or extensions to JEA review periods. Baseline Schedule Submittals may be rejected for incompleteness or failure to meet the specification requirements and re-submittal will be required. The Contractor may submit information earlier than required in the Baseline Schedule Submittal Schedule in Table 1.

Once approved by JEA, the Baseline Schedule shall be assigned as the Project Baseline in the scheduling software used by the Contractor. All subsequent printed schedules produced by the Contractor shall show both the Current Schedule and Baseline Schedule Gantt Chart bars.

Baseline Schedule Submittals

In the course of developing the Baseline Schedule, the Contractor shall submit the deliverables below for JEA review in accordance with the following schedule:

		Construction Duration	
		6 - 12 Months	> 12 Months
Step	Description	Submittal Deadline (Working Days after NTP)	Submittal Deadline (Working Days after NTP)
1	Interim Schedule Submittal	10	10
2	Proposed Payment Breakdown	15	20
3	Baseline Schedule Submittal	20	60
4	Corrected Baseline Schedule Submittal	30	80

Table 1: Baseline Schedule Submittal Schedule

Step 1 - Interim Schedule Submittal

No later than the deadline specified in table 1, the Contractor shall submit an Interim Schedule detailing activities that are to be performed within the first 120 calendar days after NTP. JEA will review and may approve an acceptable Interim Schedule within 10 working days of submittal. JEA may require the full Interim Schedule, or parts thereof, to be resubmitted throughout the review period. The Interim Schedule Submittal shall include:

- o Narrative Report describing work to be performed during the Interim Schedule period using the Baseline Schedule Narrative format described below.
- o Electronic schedule file.
- o A proposed payment plan, which upon written approval by JEA, shall be used by the Contractor for payment purposes during the Interim Schedule period.

APPROVAL OF THE INTERIM SCHEDULE IS A CONDITION PRECEDENT FOR PAYMENT.

Step 2 - Proposed Payment Breakdown Submittal

No later than the deadline specified in table 1, the Contractor shall submit the proposed Schedule of Values (SOV), which upon approval by JEA, shall be used by the Contractor for payment application purposes. When preparing the SOV, consideration should be given to Enterprise Asset Management reporting requirements that are required at the end of the contract.

As part of the Proposed Payment Breakdown Submittal, the contractor shall also submit a list of all submittals required by the contract.

Step 3 - Baseline Schedule Submittal

No later than the deadline specified in table 1, the Contractor shall complete the Baseline Schedule submittal for approval representing all Work required by the contract. The Baseline Schedule submittal shall include:

- o Baseline Narrative Report;
- o Electronic schedule file;
- o Contract Payment Breakdown Report - a report forecasting monthly cash flow that details all costs loaded to the schedule;
- o Cumulative and monthly total project costs curves reflecting the total contract amount.

APPROVAL OF THE BASELINE SCHEDULE IS A CONDITION PRECEDENT FOR PAYMENT BEYOND THE INTERIM SCHEDULE.

Step 4 - Corrected Baseline Schedule Submittal

In the event the Baseline Schedule submittal (Step 3) is not approved, and no later than the deadline specified in table 1, the Contractor shall complete the Corrected Baseline Schedule Submittal. The Contractor shall correct the Baseline Schedule submittal for approval by incorporating all of JEA's comments on the initial Baseline Schedule submittal. No additional changes shall be made. The corrected Baseline Schedule submittal shall be revised and resubmitted until receipt of JEA approval.

Schedule Requirements

General - For the purpose of enabling both JEA and the Contractor to readily evaluate the Project Schedule, including derived data and reports, the Project Schedules shall be administered in accordance with the following requirements.

All schedules shall be prepared by the Contractor and reflect the Contractor's plans, means and methods, techniques and sequences for performing the Work.

The schedules shall break down the Work into distinct activities with interdependencies to the extent required to clearly depict the planned approach for completion of the Work and to effectively manage the execution of the Work. The schedules shall:

1. Divide the Work into manageable and logical segments and specify the progression from Notice to Proceed (NTP) to Substantial Completion (SC) to Final Completion (FC) within the Contract Time.
2. Include, at a minimum, appropriate time allowances for submittals, procurement, coordination with others, construction, start-up/check-out (if applicable), operational and performance testing (if applicable), commissioning (if applicable), and Contract closeout.
3. The NTP activity shall be the first activity in the schedule and shall be a Start Milestone with an assigned 7-day, no holiday calendar. The SC and FC activities shall be Finish Milestones with assigned "Finish on or Before" constraints, set to the contract milestone dates, with a 7-day no holiday calendar.
4. The NTP, SC and FC milestones may include the contract milestone dates in the activity description for quick reference by all parties.

Schedule Settings and Setup - If the Contractor will be using Oracle Primavera P6, the settings shall be as follows:

1. The Project ID will be the contract number between JEA and the Contractor. It will be appended as described in the following section titled "Project ID Suffix". The Project Name shall be as defined in the contract between JEA and the Contractor.
2. The Project WBS will, at a minimum consist of the following:

Level 1 - Project

Level 2 - Executive Summary

- a) Shall be populated with sufficient Level of Effort activities and milestones to provide management an overview of the contract. All Contract Milestones will be included at this level.

Level 3 - Submittal Preparation

Level 4 - Submittal Review and Acceptance

Delivery

The WBS for the remaining construction related work is at the discretion of the Contractor. The Contractor must ensure that the WBS structure is sufficiently robust to segregate, manage, and present the various work types, phases, segments, elements, and locations in a clear logical manner and convey the sequence at which the Contractor intends to construction the Work.

3. Project ID Suffix:

Each schedule submittal shall have a unique identifier appended to the Project ID specified in the previous section titled "Project ID/Name", in the form of:

- a. For Baseline Schedules, "-BL".
 - b. For Proposed Schedules, "-Pbbb", where "bbb" is sequential starting at 001.
 - c. For Revised Baseline Schedules, "-RBLccc", where "ccc" is sequential starting at 001.
 - d. For Schedule Progress Updates, "-PUyymm", where "yy" and "mm" correspond to the year and month of the monthly submittal.
4. Activity Codes must be maintained at the Project level.
 5. Calendars must be maintained at the Project level and account for all work scenarios in the Contract and planned by the Contractor.
 6. Units.
 7. Percent Complete Type shall be "Physical".
 8. Make Open Ended Activities Critical should be checked.
 9. Scheduling method for progressed activities shall be set to "Retained Logic".
 10. Total Float Calculations shall be set to "Finish Float = Late Finish - Early Finish".
 11. Define Critical Activities as "Longest Path".

Activity Identification - each activity in the Project Schedules shall have an activity identifier (Activity ID). The Contractor shall utilize an Activity ID that is simple and allows space between existing activities for the future addition of activities for continuing sort and display capability. The Activity ID of an existing activity shall not be modified or assigned to another activity. The scope of work for an activity shall not be substantially changed once the Baseline Schedule is approved since this would result in re-use of the Activity ID for a different scope of work.

If the Contactor opts to use an intelligent Activity ID, the contractor must provide a breakdown of what each character of the Activity ID represents.

Activity Description - the activity description shall identify the unique scope of the activity. There shall not be any two activities with the same activity description. It shall not be necessary to investigate activity code assignments or logic relationships to identify the scope of an activity. For example, the description "POUR FOOTINGS" or "INSTALL MANHOLE" will not be acceptable; the description "POUR FOOTINGS OF BIOSOLIDS BUILDING" or "INSTALL MANHOLE - Sta. 112+00" will be acceptable. At the same time, the Activity Description shall be concise enough to not require excessive column width in the Oracle Primavera P6 layout. The terms "Miscellaneous, Misc." or other vague adjectives shall not be used as an activity description. The Contractor shall standardize the use of terms and their spelling in all activity descriptions. Abbreviations used in activity descriptions shall be consistent with the abbreviations used throughout the Contract and the design drawings. Once the Baseline Schedule is approved, activity descriptions shall not be modified except at the direction or with the consent of JEA.

Activity Duration - unless otherwise specified, construction activities shall have a duration between one (1) and fifteen (15) working days. At the request of JEA, the Contractor shall substantiate the need for specific activities having shorter or longer durations than stated herein. Certain non-labor activities such as procurement or delivering of materials may have durations in excess of 15 working days. After approval of the Baseline Schedule, changes in activity durations shall be addressed exclusively with the Duration Remaining data field. JEA shall be the final authority regarding the appropriate level of schedule detail for all schedules submitted for approval.

Activity Dates - Early and Late start and finish dates of activities shall be calculated for each activity based upon the schedule data date, actual dates, schedule logic, schedule constraints, calendars, original duration, or remaining duration, in accordance with the schedule parameters defined in this specification.

Activity Predecessors and Successors - every activity shall have logically assigned predecessors and successors in conformance with the requirements of this section. The logical predecessors for each activity will be limited to those activities whose scope of work necessarily must be completed in order to perform the current activity. Unless otherwise specified, NTP shall be the only activity in the Project Schedules without predecessors and the Final Completion activity shall be the only activity in the Project Schedules without a successor.

Activity Constraints - Activity Constraints can affect activity float calculations and will not be used unless approved by JEA or allowed by this specification. The imposition of a date constraint on any activity other than the contract completion deadlines will only be permitted when the Contractor substantiates the need for the constraints to the satisfaction of JEA.

Activity Percent Complete - Activity remaining durations and percent complete shall be entered in the Project Schedules by the Contractor as appropriate to indicate activity progress and status as of the current Data Date for the update. The Contractor is to insure that progress is based on a current estimate of remaining duration to complete the Work and not the activity's percent complete which calculates the remaining duration based on the original estimated duration.

Activity Codes - The Project Schedules shall contain activity code classifications and code values. The coding shall also incorporate the appropriate JEA provided data elements to allow reporting by any individual element or a combination thereof. These activity codes shall be the first codes defined for the activities, followed by any other codes, and shall use the values provided by JEA following award. The Contractor may add additional codes to satisfy its own requirements. In addition to JEA's activity codes, the Contractor shall propose a coding structure for JEA's review and acceptance. The activity code structure combined with the activity identification number shall provide the capability to organize information by location, road or ramp, structure, work type, subcontractor, discipline, etc.

Activity Calendar -The planning unit for the Work shall be whole working days. The use of other calendars may be used as required with a clear definition within the calendar description and/or the Baseline Schedule Narrative as to what the calendar is intended to be used for and/or what specific non-working periods they include. Level of Effort or WBS Summary activities used to show project durations from NTP to a Contract Milestone shall use a seven-day

no holiday calendar. A common calendar base time of eight (8) consecutive hours (e.g., 8 AM to 4 PM) will be used on all calendars unless approved by JEA. To ensure activity start and finish dates are accurately calculated, time will be turned on when performing updates to the Project Schedule. This ensures activity durations are not inadvertently calculated as a partial workday or result in a 1-day duration activity spanning multiple dates.

Resource Loading -All Project Schedules on contracts in excess of \$10 million shall be resource loaded with labor man-hours for both the Contractor and all of its sub-contractors.

Cost Loading - Project Schedules shall be cost loaded. All costs necessary to meet the particular requirements of each payment activity will be included in the payment breakdown and that breakdown will total up to the Contract Price.

Change Orders/SWA - New activities will be added to the project schedules upon approval of a Change order or SWA. These new activities will also include the costs associated with the Change Order/SWA. The Activity ID of these new activities should clearly show it represents a Change Order or SWA. For example, an activity with an ID of "CO1-100" indicates that it represents Change Order #1. If multiple activities are to be added under a single Change Order or SWA they shall be sequentially numbered such as CO1-100, CO1-110, CO1-120, etc.

CPM Logic - The Contractor shall be responsible for developing the CPM logic of the Baseline Schedule and for updating that CPM logic each month to accurately reflect the progress of the Work to date and the Contractor's current plan for completion of the work. All paths through the Project Schedules shall proceed in the direction representing the progression of time. Activity lag durations shall not have a negative value. Activity lags shall not be used in lieu of activities. Redundant ties to preceding activities in a sequential series of activities will not be permitted. For example, if activity C is the successor in a Finish-Start relationship to activity B, and activity B is the successor in a Finish-Start relationship to activity A, then activity A shall not have a redundant Finish-Start relationship to activity C. A tie representing a different constraint will not be considered redundant. For example, a logic tie showing that the completion of the work scope of a predecessor is required before the successor can start is different from a logic tie representing a resource limitation and will not be considered redundant.

Timely Completion - Unless otherwise specified, timely completion shall refer to completion on or before a date that supports the Contract Milestones.

Use of Constraints or Float Suppression Techniques - Any use of Start constraints within the schedule shall be documented in the schedule narrative. The only instance where a Late Finish constraint may be used is for the Substantial Completion or Final Completion Milestones. Any other use of constraints is prohibited. The use of negative lags or the use of any other float suppression techniques is also prohibited from use in project schedules.

Resource Leveling - In schedule submittals to JEA, the Contractor shall not use restraints or constraints to optimize and/or level manpower and equipment requirements. Activities shall be duration and logic driven.

Default Progress Data -Actual Start and Finish dates shall not be automatically updated by default mechanisms that may be included in the CPM scheduling software systems.

Out-of-Sequence Logic -The Contractor shall correct all incorrect logic relationships in the schedule update to eliminate any out-of-sequence logic. The Contractor shall make all changes in the logic or other adjustments found to be incorrect by JEA.

Narratives

Baseline Schedule Narrative

The Baseline Schedule narrative shall demonstrate a feasible approach to achieving or improving the planned schedule and contains the following information:

Identification of the Data Date and schedule file name.

A description of the planned flow of work, identifying all key or driving resources. Identify key constraints and potential problems influencing the Contractor's approach to the work. Describe all construction interfaces with third

parties at the Project site. Also identify temporary Contractor plants, facilities, or fixed equipment that the Contractor or subcontractor plan to use within the right-of-way. Include in this discussion the length of time the plant is to be used, any planned moves, and any potential conflicts that could arise, if the plan is not adhered to.

A summary of planned labor utilization for the Contract, identifying the average and maximum number of workers on site each month based on the resource loaded Project Schedules. Identify actual and potential labor resource limitations. A summary of planned equipment utilization for the Contract, identifying each type of operated equipment to be used on the Work, the planned quantity of each type of operated equipment utilized each month, and the criteria for mobilizing and demobilizing each piece of equipment to and from the site. Identify actual and potential equipment resource limitations.

An explanation of how adverse weather conditions have been addressed in the Baseline Schedule. Identify all activities, if any, that contain contingency days for adverse weather conditions and the duration of such contingency included for each.

An explanation of special calendars that only allow work to take place during a pre-defined window of time.

The narrative shall address the Contractor's material procurement plan and identify the strategy for any long lead item(s). There shall be no fabrication and delivery activities for concrete and asphalt concrete. Fabrication and delivery activities for short lead-time items shall not be included in the project schedules. "Short lead-time" shall be defined as a period of two weeks or less from placement of order to delivery of material to the Project site.

Schedule Progress Update Narrative

All Schedule Progress Update submittals shall include a narrative containing the following information:

Identification of the update period, the Data Date, and the schedule file name.

Identification of activities with critical or near critical float (within 14 Days of the Critical Path) that were planned to occur during the update period, of which did not occur or occurred later than the scheduled Early Start or Early Finish date, and an explanation of these delays. Provide a listing of all activities that may overrun or have overrun their planned duration by more than 20 percent and any justification for maintaining original planned durations for future activities of like Work.

Identification of delays occurring to activities taking place off the Project site, e.g., submittal preparation, fabrication, and delivery activities.

A summary of planned labor utilization for the Contract, identifying the average and maximum number of workers on site each month. Identify actual and potential labor resource limitations. A summary of the actual labor utilization used over the past month.

A summary of planned equipment utilization for the Project, identifying each type of operated equipment to be used on the Work, the planned quantity of each type of operated equipment utilized each month, and all changes to the criteria for mobilizing and demobilizing each piece of equipment to and from the Project site. Identify actual and potential equipment resource problems. A summary of the actual equipment utilized over the past month.

Revisions to logic or duration(s) by the Contractor to effectively use labor and resources that have no adverse effect on Completion Deadlines or Contract Price shall be detailed in the update. These revisions shall contain the following information:

Identification of the activities changed.

A description of the scope of the logic change and identification of the advantages and disadvantages of implementing the change.

Identification of all driving resources, if any.

Identification of key constraints influencing the Contractor's approach to the Work.

Required Submittal and Delivery Activities

Submittal List

The Contractor shall submit a list of all submittals required by the Contract, as part of Step 2 no later than the deadline identified in Table 1.

The submittal list shall conform to the following format, or any other format approved by JEA:

Submittal List		
Submittal Reference Number	Description of Submittal	Activity ID

Table 2: Submittal List Format

Submittal Activities

Submittal activities shall be included in the Project Schedules in a manner consistent with the level of detail shown below:

Activity	Abbreviation in Activity Description
Prepare and Submit	P/S
Review and Approve	R/A
Revise and Re-submit	R/R
Fabricate and Deliver (Material or Equipment)	F/D or FAB or DEL

Table 3: Submittal Activity Detail

Submittals with Multiple Activities

When multiple items are included in a single submittal, that submittal shall be represented in the schedule by an activity in accordance with the following conditions:

The "Review and Approve" activity for that submittal shall be a predecessor to every activity representing the fabrication and delivery of any of the materials submitted.

If the submittal is returned and the disposition is sufficient to enable the commencement of a successor activity, then the original submittal activity shall be broken down into multiple activities, as necessary, to accurately reflect the logic of the Contractor's current plan.

As part of the monthly update procedure, submittal activities shall be reviewed and modified to ensure that the scope and logic of the activities are consistent with the Contractor's current plan.

Delivery Activities

Activities representing the delivery of materials or equipment for more than one installation activity will be permitted in accordance with the following conditions:

The material delivery activity shall be a predecessor to the first activity representing the installation of that material in each area;

When partial deliveries are received and those deliveries are adequate to enable the commencement of some, but not all, successor activities, then the original delivery activity shall be broken down into multiple activities, as necessary to accurately reflect the logic of the Contractor's current plan;

As part of the monthly update procedure, a discussion of delivery activities shall be reviewed and modified to ensure that the scope and logic of delivery activities are consistent with the Contractor's current plan; and

There shall be no fabrication and delivery activities for concrete and asphalt concrete. Fabrication and delivery activities for short lead-time items shall not be included in the project Schedules. "Short-lead time" shall be defined as a period of two weeks or less from placement of order to delivery of material to the Project site.

Timely Completion

Unless otherwise specified, timely completion shall refer to completion on or before a date that supports the Completion Deadlines.

Use of Constraints or Float Suppression Techniques

Any use of constraints within the schedule shall be documented in the schedule narrative. The only instance where a constraint may be used is a Finish on or Before constraint on Contract Milestones. Any other use of constraints is prohibited. This includes the following: Start On, Mandatory Start or Finish. The use of negative lags or the use of any other float suppression techniques is also prohibited from use in the project schedules.

Resource Leveling

In schedule submittals to JEA the Contractor shall not use restraints or constraints to optimize and/or level manpower and equipment requirements. Activities shall be duration and logic driven.

Default Progress Data

Actual Start and Finish dates shall not be automatically updated by default mechanisms that may be included in the CPM scheduling software systems.

Out-of-Sequence Logic

The Contractor shall correct all incorrect logic relationships in the schedule update to eliminate any out-of-sequence logic. The Contractor shall make all changes in the logic or other adjustments found to be incorrect by JEA.

Electronic Schedule Naming and Formatting

JEA will provide guidance on schedule name designation to be used. The Contractor shall not submit any two schedules with the same file name.

Electronic Project Schedule Files

Electronic schedule files shall be in "xer" format compatible with Oracle Primavera P6. Electronic narrative files shall be in readable PDF format (not scanned).

Printed Project Schedules

PDF or printed schedules shall be no larger than 11"x17" in landscape format and no more than one page wide. PDF or printed schedules should show Activity ID, Activity Name, Original Duration, Remaining Duration, Start, Finish and Total Float columns. The Gantt Chart shall show bars for Actual Work, Remaining Work, Critical Remaining Work, Current Bar Labels, Milestones, Project Baseline and Baseline Milestone. The Data Date line shall also be displayed on the Gantt Chart.

The header of PDF or printed schedules shall contain the project name, the run date, and the data date at a minimum. The footer shall contain a Gantt Chart legend, page number, total pages' number, and active filters at a minimum.

Schedule Progress Updates

The Contractor shall update the Current Baseline Schedule in the form of a Schedule Progress Update on a monthly basis for the duration of the Contract. This shall not constitute a modification of the Current Baseline Schedule. The purpose of Schedule Progress Updates shall be to accurately document the progress of the Work to-date and to correct the schedule to accurately reflect the Contractor's current plan for the timely completion of the Work. Schedule Progress Updates shall be used to record progress for payment purposes and to reflect how the Work is being performed.

Schedule Progress Updates shall never be used as the basis for any adjustment in the Completion Deadlines. Any acceptance of the Schedule Progress Update by JEA, either expressed or implied, shall only apply to the issue of progress and not to any issue of acceptability or accuracy of the Schedule Progress Update for use as a basis for

measuring adjustments in Completion Deadlines. The Schedule Progress Update submittal shall be due with Contractor's invoice for payment and shall be a prerequisite to payment by JEA.

Monthly Schedule Progress Update Period

A monthly Schedule Progress Update of the Current Baseline Schedule shall be submitted for each calendar month from the date of the NTP through the date of Final Acceptance. The Data Date of each monthly Schedule Progress Update shall be coordinated with the JEA Project Manager but is typically one of three options:

The last calendar day of the month, meaning that the progress of the Work to date shall be documented and progressed through the last day of the month; or

The last day of the pay application billing period so that schedule progress and billing are in alignment; or

The day of monthly progress meetings where the contractor will supply the updated monthly schedule.

Monthly Schedule Progress Update Data

A joint monthly schedule update meeting shall be held in conjunction with the construction progress update meeting. The purpose of this meeting is to review and discuss the contents of the most recent Schedule Progress Update submittal. The JEA review period for the monthly Schedule Progress Update data submittal is 10 working days. The Schedule Progress Update data submittal shall consist of the following submittal components:

A schedule narrative consistent with the Narrative section above;

Electronic files with record schedule incorporating all submitted Schedule Update Data (PUXXX);

The actual progress achieved on each operation and its effect upon the timing of the remaining work;

All required documentation required under the Contract in support of the invoice;

A comparison report showing all changes made to the schedule since the last Schedule Update;

Production curves showing the approved baseline production (planned) values and the actual production values; and

Should any Work be conducted on a time and materials basis then this update shall contain all necessary data to record progress;

In the event of discrepancies between the submitted data and JEA's records of progress, JEA's records shall govern. JEA's decision shall be final regarding all Schedule Progress Update data. The submittal of incomplete, illegible, or unchecked data or of reports that do not conform to the requirements of this specification may result in the rejection of Schedule Progress Update data, and as such will require a revision and re-submittal.

SUBMITTAL TO JEA OF THE CONTRACTOR'S MONTHLY SCHEDULE PROGRESS UPDATE IS A CONDITION PRECEDENT FOR PAYMENT TO BE INITIATED.

Acceptance of the Schedule Progress Update shall not relieve the Contractor of its obligation to make appropriate corrections to all of the Project Schedules.

JEA shall not be liable for delays to the Contractor's Work that occur during a time when the Contractor has failed to provide a Schedule Progress Update in accordance with the requirements of the Contract, when having the Schedule Progress Update at the specified time could have influenced JEA's decisions or actions.

The Schedule Progress Update submittal shall reflect updated progress to the Data Date, forecasted finish for in-progress activities, and re-forecasted Early Dates and Late Dates for remaining activities. The Contractor shall submit any changes in activity durations, logic ties or constraints for review and acceptance by JEA prior to inclusion of the change into the current Schedule Progress Update. JEA may also submit changes to the Contractor

for inclusion in the current Schedule Progress Update. These changes should be forwarded to the Contractor for review prior to the monthly construction progress meeting for discussion in that meeting.

Progress Delays

The Contractor shall identify and promptly report to JEA as soon as they become aware of any matter that could:

Increase the project budgeted cost or Contract Price,

Delay the Substantial Completion Deadline,

Delay meeting a key date or Interim Contract Milestone (if applicable),

Impair the performance of the work in progress,

Affect the work of JEA or third parties.

The Contractor shall promptly develop a schedule recovery or mitigation plan whenever the Contractor's actual physical progress is behind schedule by thirty (30) days when compared to the Current Baseline Schedule or could potentially be delayed by thirty (30) days, or within ten (10) days of a written request by JEA. The Contractor shall submit a schedule recovery or mitigation plan in the form of a Proposed Schedule, whenever the Project Schedule becomes thirty (30) or more Days late to Substantial Completion. The submission of the recovery or mitigation plan shall be at no cost to JEA and shall be submitted within thirty (30) days of the submittal of the Schedule Progress Update that indicates the Project is thirty (30) or more Days late or at JEA's request. Failure to submit such a recovery plan within the stated timeframe shall provide a basis for future withholdings for payment, either in whole, or in part, by JEA.

Monthly Progress and Invoice Procedure

On a monthly basis, prior to formal submittal of the monthly invoice, the Contractor shall confirm with JEA the percent complete of work performed prior to submitting the invoice, including the following:

Activity percent completes, which are based on physical percent complete estimated by the field personnel relating to a resource and cost loaded schedule activity. To streamline this process, earning rules will be established to detail how various activities are progressed and partially paid. These rules will describe how discrete elements of work are to be measured for the purposes of measuring percent completion and be submitted in conjunction with the resource and cost loaded baseline schedules.

Incorporation of approved Change Orders as individual activities with proper title, coding by Change Order number, associated logic, duration, as well as cost/resource loading.

Verification of any unit price or time and material items.

Backup documentation for cost reimbursable procurement and Change Order schedule activities.

Revised Baseline Schedules

Any proposed changes and/or revisions to the Current Baseline Schedule approved by JEA pursuant to its review of Change Orders shall be incorporated into the Current Baseline Schedule and submitted as a Revised Baseline Schedule Submittal. A Revised Baseline Schedule Submittal shall be due with the invoice for payment following JEA's approval of the changes and/or revisions, as submitted in executed Change Orders. The Revised Baseline Schedule shall include a cost distribution for added Work and will be submitted for review and approval by JEA.

Revised Baseline Schedule Submittals shall include a comprehensive listing of all activities added to or deleted from the Current Baseline Schedule as well as a complete listing of all logic and activity relationship changes that have been made. All changes in the schedule must be fully described in an accompanying narrative. No Revised Baseline Schedule Submittal will be approved unless it satisfies the following:

Any out-of-sequenced logic is corrected or explained to the satisfaction of JEA;

Start and Finish dates are verified for accuracy; and

The schedule accurately reflects the Contractor's plan for completing the remaining Work.

Once a Revised Baseline Schedule Submittal is approved by JEA it shall become the Current Baseline Schedule of record (and be used for subsequent Schedule Progress Update Submittals) and shall be referred to by its revision number.

Except as otherwise designated by Change Order, no Revised Baseline Schedule that extends performance beyond a Completion Deadline shall qualify as a Current Baseline Schedule, or schedule of record, allowing it to be used to demonstrate entitlement to an extension in a Completion Deadline. In no case shall a Schedule Progress Update be construed as a Revised Baseline Schedule or schedule of record unless it is specifically submitted and approved as such by JEA pursuant to this section.

Short Term Schedule

Short Term Schedules shall be submitted by the Contractor upon request from JEA and shall be provided for within the Contract Price. JEA will specify the period the Short-Term Schedule shall encompass. The Contractor shall produce the Short-Term Schedule electronically and it will include a Gantt Chart and details of the daily work activities, including multiple shift work, that the Contractor intends to conduct. The daily activities shall correspond to the Current Baseline Schedule activities but shall be at a greater level of detail. The Contractor shall be prepared to discuss the Short-Term Schedules, in detail, with JEA to coordinate field inspection staffing requirements, scheduling of Work affecting any adjacent work by other utilities or contractors.

The Three Week Look Ahead Schedule is an example of a Short-Term Schedule. Three Week Look Ahead Schedules are to be submitted weekly by the Contractor in addition to the Contractor's monthly Schedule Progress updates.

Review, Acceptance and Approval of Project Schedule Submittals

Failure to meet any of the following conditions shall result in the non-acceptance of the schedule submittal:

The project budgeted cost shall equal the Contract Price;

The schedule submittal shall show the timely completion of each activity, as well as reflect all contractual access requirements and limitations of operations specified;

All activity relationships and date constraints shall comply with the requirements of the Contract Documents; and

The Submittal shall be complete in accordance with the requirements of this Specification.

If the schedule submittal is returned to the Contractor with comments, the submittal shall not be considered accepted until all of JEA's comments are incorporated into the schedule to JEA's satisfaction. If the comments are not satisfactorily incorporated into the schedule by the Contractor, the submittal shall be deemed unacceptable by JEA.

It is the Contractor's responsibility to ensure that all Project Schedule documents comply with the requirements of the Contract. Errors in any Project Schedule document accepted by JEA, including but not limited to activity durations, relationships between activities, resource allocation or other float suppression techniques that do not accurately reflect the Work, may be identified at any time, and once identified, shall be corrected by the Contractor. JEA is not responsible for any erroneous assumptions or information in any Project Schedule document, regardless of origin.

During the review of any Project Schedule document, if any of the following conditions are discovered, the document may be returned by JEA without further review for correction and re-submittal:

The document is incomplete.

The document does not comply with the specified format.

A component of the document has not been prepared in accordance with the requirements of this section.

The quality of the document indicates that the Contractor has failed to perform an internal quality control review prior to submission.

There is an inconsistency between electronic files and printed material.

The Contractor has made unauthorized changes to any Project Schedule document.

The Contractor has failed to incorporate JEA comments concerning the Project Schedule document.

JEA's failure to return a submittal shall not be construed to mean that the submittal complies with the requirements of the Contract. JEA may, at its discretion, choose to complete a review even though the submittal fails to meet one or more of the conditions for rejection stated herein. The Contractor shall be responsible for all delays due to its failure to submit complete Project Schedule submittals in accordance with the requirements of the Contract.

JEA's acceptance or approval of a Project Schedule document indicates only that the submittal appears to comply with the requirements of the Contract. It is the Contractor's responsibility to ensure that each submittal complies with the requirements of the Contract. Inconsistencies or errors in any Project Schedule document, including but not limited to activity durations, relationships between activities, resource allocation or other float suppression techniques that do not accurately reflect the Work, may be identified at any time, and once identified, shall be immediately corrected by the Contractor.

JEA shall review schedule submittals for conformance with the requirements of the Contract. Review comments by JEA may address whether items of Work are omitted, activity durations are reasonable or that the level of labor, materials, and equipment, the means, methods, timing, and sequencing of the Work are practical. The planning, scheduling or execution of the Work and the accuracy of any Project Schedule shall remain the sole responsibility of the Contractor.

Notwithstanding any review, review comments, approval, acceptance, scheduling assistance or direction to change and/or revise any Project Schedule by JEA the Project Schedules shall at all times be the Contractor's schedule for performing the Work and not be considered as any JEA direction constituting a change. The Contractor shall not be relieved from completing the Work within the Completion Deadlines due to the failure of the Contractor to submit acceptable Project Schedule documents.

**Requirements for Demonstrating Entitlement to an Adjustment in the Contract Time or Obtaining Approval of a Plan to Recover Delay
Schedule Analysis Requirements**

The Contractor shall develop and submit a time impact analysis and a Proposed Schedule when one or more of the following conditions occur:

The Contractor's plan for the Work as reflected in the Current Baseline Schedule is materially changed;

JEA has approved a Change Order that affects the Critical Path of the Work necessitating an adjustment in a Completion Deadline;

The Contractor's progress on the Work is behind the Substantial Completion date by thirty (30) days or more;

In JEA's opinion, the Current Baseline Schedule no longer accurately reflects the Contractor's plan for performing the Work;

The Contractor is required by the Contract or chooses to submit a time impact analysis demonstrating entitlement to an adjustment to a Completion Deadline or to submit a plan demonstrating how the Contractor intends to recover delay; or

Any allowable change has occurred according to the Contract.

The Contractor shall use *AACEi Recommended Practice 52R-06 Time Impact Analysis - As Applied to Construction* when preparing a time impact analysis.

The Contractor shall submit a time impact analysis and a Proposed Schedule within fourteen (14) days following a request by JEA. This required fourteen (14) day period may be extended as necessary subject to the approval of JEA. The Proposed Schedule shall be developed using duplicate electronic files of the Current Baseline Schedule and shall include all statuses to reflect current progress using information from agreed to Schedule Progress Updates but shall not allocate costs to any proposed activities. Multiple delays will be analyzed chronologically in the order of occurrence. Costs may be allocated to activities only when the Change Order Proposal has been approved by JEA. Under no circumstances shall a time impact analysis based on Schedule Progress Update(s) be acceptable as a basis for an adjustment to a Completion Deadline.

Proposed Schedules shall be used by the Contractor to:

Request revisions to logic ties and activities in the Current Baseline Schedule,

Propose changes in the Current Baseline Schedule required to implement schedule recovery plans,

To negotiate the schedule impact of a Change Order Proposal with JEA, or

To propose changes for any other reason in the Current Baseline Schedule.

Proposed Schedules shall code affected and added activities to each Change Order Proposal or schedule recovery plan. Furthermore, Proposed Schedules shall accurately reflect all revisions and/or adjustments made to activities, logic ties and restraints that are necessary to reflect the Contractor's current approach for Work remaining. At a minimum, Proposed Schedules shall:

Incorporate all proposed activities and logic ties required to implement any proposed revisions,

Detail all impacts on pre-existing activities and logic ties,

Include a narrative describing the causes of any delay and actions planned to recover the schedule to meet Contract Deadlines.

Each Proposed Schedule shall include a subnet demonstrating how the Contractor plans to incorporate a Change Order Proposal or other change and/or revision into the Current Baseline Schedule. A subnet is defined as a sequence of new or revised activities that are proposed to be added to the Current Baseline Schedule.

Notwithstanding any other provision or provisions to the contrary, the Contractor shall have no claim for damages of any kind, or extension or increase to a Completion Deadline, or adjustment of Contract Price, on account of any delay, interruption or suspension of the Work or any portion thereof (herein after collectively referred to as "Delay"), due to whatever cause, unless in addition to all other requirements of the Contract Documents the prerequisites of this section are strictly complied with.

If the Contractor does not submit a time impact analysis for a specific change order or delay within the specified period, the Contractor shall be deemed to have irrevocably waived any rights to additional time and cost.

Mitigation of Delays

The Contractor shall be responsible to develop mitigation measures for all delays, regardless of responsibility for the delays, and to identify all time and cost impacts to the Work associated with those mitigation measures. Unless circumstances otherwise require, the Contractor shall not pursue mitigation action for which it expects JEA to be liable, prior to notifying JEA and receiving JEA authorization to proceed with the mitigation action.

All Contractor proposals for mitigation action, including proposed revisions for timely completion, shall confirm that the Contractor has verified the accuracy of all critical paths to the Substantial Completion Deadline.

Whenever it is possible for the Contractor to mitigate delay without added cost, the Contractor shall do so. The Contractor shall mitigate all delays as efficiently and economically as possible, with the objective of minimizing both the time and cost impact of the delay, regardless of responsibility for the delay. JEA will not be liable for damages that the Contractor could have avoided by reasonable means, such as prudent scheduling of the Work and judicious handling of forces, equipment, or materials.

2.65. LIMITATION OF THE ACCURACY OF JEA PROVIDED INFORMATIONAL MATERIALS

For all drawings, test results, inspections, and other informational materials included as part of the Contract Documents, the Company understands and agrees that any existing facilities shown, including underground, overhead, and surface structures, and other delineations, and any other informational items provided as part of the Contract Documents are for reference only and are not to be used by the Company as the only indication of Work conditions. The Company understands and agrees that it is its sole responsibility to verify all Work conditions, measurements, dimensions, obstructions, and other causes for existing or potential changes to the Work prior to initiating Work. In the event the Work must be changed due to the Company not fulfilling the above requirements, the Company understands and agrees that it will be responsible for all costs associated with the changed condition. Changes associated with conditions that are clearly unforeseen and that could not have been discovered by a reasonable verification of the above listed items, shall be covered as stated in the clause titled "Changes to the Scope of Work".

2.66. PERMITS OBTAINED BY COMPANY

Unless otherwise specified in the Contract Documents, the Company shall secure, maintain, post as required, and pay for all building, plumbing, electrical, water, sewer, right-of-way, parking, roadway, railroad, shipping, freight, hazardous materials, and any other permits which may be required for performance of the Work in full compliance with all applicable laws, rules, and regulations. The Company shall perform all actions necessary to identify where permits are to be obtained and properly file for the permits, except those specifically listed in the Contract Documents as being provided by JEA.

The Company shall comply with all conditions of permits issued for the Work, either directly or indirectly, issued by federal, state, or local governmental agencies, which are hereby incorporated as part of these Contract Documents. The Company shall be solely responsible for resolving any issues and bearing all expenses including any damages suffered by JEA that result from a finding of noncompliance during performance of the Work by any of the respective regulatory agencies including, but not limited to, all costs for delays, litigation, fines, fees of any kind, and other costs.

2.67. SHOW-UP PAY

In the event that inclement weather prevents the Company from performing Work, the Company may be obligated to pay its crew a show-up pay. The Company shall be solely responsible for providing this pay.

2.68. PAYMENT OF OVERTIME

Overtime may only be charged to JEA if the Company was directed in writing by the JEA Project Manager to incur the Overtime. Such authorization for Overtime shall be accompanied by a Change Order.

The Company shall total the direct Overtime charges, and add the agreed upon overhead rate, but in no case, shall such overhead rate exceed 10% of the total overtime costs.

Any Overtime required for Company to complete the Work within the Contract Time shall be at the sole cost and expense of Company. However, if JEA requires the Company to perform Overtime Work in order to complete the Work prior to the Contract Time, the Company shall bill JEA for the Overtime such that only the actual costs incurred by the Company relating to the payment of Overtime premiums, in accordance with its labor policies and applicable laws. Such actual costs include Overtime wage premium, and additional taxes and insurance directly associated with the Overtime wage premium. The Company agrees that it will not charge for personnel paid a salary, or other form of compensation such that the Company incurs no direct costs as a result of the Overtime.

2.69. MAINTENANCE OF TRAFFIC

The Company, as applicable to specific tasks, when required by the governing agency such as the City of Jacksonville or the Florida Department of Transportation (FDOT), shall maintain traffic in accordance with an approved Maintenance of Traffic (MOT) plan ("MOT Plan") submitted by the Company to JEA, for Work performed on streets, roads, private ways, and walks.

The Company shall be responsible for all costs associated with MOT and the MOT Plan. All costs for MOT and the MOT Plan will be subject to JEA review and reimbursable at cost.

The Company shall assume full responsibility for the adequacy and safety of provisions associated with the MOT Plan.

The Company shall be solely responsible for the placement, maintenance, and removal of the minimum number of devices required by the MOT Plan, or specified by the FDOT, for the control of traffic at the Work Location including, but not limited to signs, cones, lights, barricades, concrete barrier walls, police officers, flaggers, etc. ("MOT Items").

2.70. SCHEDULING OF OVERTIME

Whenever the Company schedules Work beyond 8 hours per day for a 5-day week, beyond 10 hours per day for a four day week, beyond 40 hours per week, or on Saturdays, Sundays, or Holidays, then the Company shall arrange, in advance, for the JEA Inspector or designee to inspect the Work performed during Overtime. The Company shall not perform Overtime Work or after-hours Work without a JEA Inspector or designee at the Work Location or available to perform the inspections, as directed by the JEA Project Manager. Except where JEA has requested the Company to schedule Overtime to perform additional Work, the Company shall reimburse JEA for any additional costs associated with JEA Inspector's Overtime pay.

2.71. Company Equipment

The Company's equipment including, but not limited to, trucks, drill rigs, backhoes, excavators, bucket trucks and derricks shall not be older than 5 years in age, unless the Company can demonstrate to JEA's satisfaction that equipment being used has been completely refurbished and that it is in good working order. JEA may, at its sole discretion, make exceptions for equipment that is rarely used such as sag winches.

2.72. COMMERCIAL ACTIVITIES AT THE WORK LOCATION

The Company understands and agrees that it is its responsibility to conduct due diligence prior to the Work. Such due diligence includes, but is not limited to, verifying all Work conditions, measurements, dimensions and latent and patent obstructions, the accuracy of drawings, test results, inspections and other informational materials provided in the Contract Documents, and any other causes for existing or potential changes to the Work prior to initiating the Work. In the event that the Work must be changed due to the Company's failure to fulfill the above requirements, the Company understands and agrees that it will be responsible for all costs associated with the changed condition.

In the event, however, that the Company exercises the requisite due diligence and a change to the Work becomes necessary resulting from conditions that are clearly unforeseen and that could not have been discovered, the costs for adjusting the Work in response to such unforeseen conditions shall be addressed in a Change Order or an amendment to the Contract executed by JEA and Company. Any Work the Company performs prior to receipt of such Change Order or approved Contract amendment will be at the Company's sole risk.

2.73. ACCESS TO WORK LOCATIONS

JEA will provide, as indicated in the Contract Documents, and no later than the date when needed by the Company, access to the Work Location, including rights-of-way or access thereto, and such other lands that are designated for the Company's use. JEA will secure easements for permanent structures or permanent changes in existing facilities, unless otherwise specified in the Contract Documents.

2.74. WORK LOCATION CLEANLINESS

The Company shall, at all times, keep the Work Location free from an accumulation of waste materials or rubbish caused by its operations. At the completion of the Work, the Company shall remove all waste materials and any rubbish from and about the project, as well as any tools, construction equipment, machinery, and surplus materials. If the Company fails to clean up at the completion of the Work, JEA may do so and charge the cost thereof to the Company.

2.75. PRE-WORK MEETING AND PROGRESS MEETINGS

Before starting the Field Work, a Pre-Work or Pre-Construction meeting may be held to review procedures for the Work, review the Work schedule, establish procedures for invoicing, approving Invoices and making payments, and establish a working relationship between JEA and the Company.

The JEA Contract Administrator may, at his or her discretion, request Pre-Work Meetings to be held prior to start of any Field Work. Such meeting(s) shall be attended by, but not limited to, the Company Representative and Company Supervisor. The JEA Contract Administrator will notify the Company in writing of the meeting time and location at least two (2) days prior to the meeting date. In addition, construction progress meetings will be held at a frequency as determined by JEA. Such meeting(s) shall be attended by, but not limited to, the Company's Representative and Company's Supervisor.

2.76. COMPANY LAYDOWN AREA

In the event the Company decides to utilize public or private property as a laydown area, the Company shall enter into a written agreement with the entity who owns the property. JEA shall have access to all laydown areas. Upon submission of Company's first Invoice or application for payment to JEA, the Company shall provide to JEA a copy of such signed written agreement. The Company shall submit to JEA a letter of release from the entity in connection with Company's final Invoice or application for payment to JEA.

2.77. MATERIAL DELIVERED TO WORK LOCATION

The Company shall be responsible for all unloading, handling and storage of Work-related materials at the Work Location. Where the Company is to use a JEA-designated supplier to deliver materials to the Work Location, JEA will provide the Company, upon request, with contact names and information, along with required material lead-times. The Company is solely responsible for taking into account required material lead-times when planning its performance of the Work, and for communication and coordination of materials delivered to the Work Location by JEA suppliers. The Company shall be responsible for any additional delivery costs charged by the JEA material supplier for any Company delays.

If, for any reason, the Company is unable to receive, unload, handle, or store materials it has ordered or caused to be ordered, the Company shall be responsible for any and all additional costs incurred by JEA for unloading, handling, storing, or additional shipping costs. In such cases where JEA is receiving items when the Company is unable to, such receipt does not indicate JEA's Acceptance of items.

2.78. COMPANY'S FIELD OFFICE

The Company shall provide its own office facilities at the Work Location, as required. Unless specifically listed herein, JEA provides no Work Location facilities or Work Location area for the Company facilities of any kind such as field office and material storage.

2.79. SHOP DRAWINGS

As required, the Company shall promptly submit all required Shop Drawings in accordance with the provisions provided herein. JEA will not grant an extension of Contract Time due to the Company's failure to submit Shop Drawings in ample time to allow for checking, revisions, reviews, and approval.

A letter of transmittal and four copies of each shop drawing shall accompany each submittal. Shop drawings shall be forwarded to the JEA Engineer. Each drawing shall be listed separately on the letter. The Company shall also note distinctively on the transmittal letter any deviations that the Shop Drawings may have from the requirements of the Contract Documents.

The JEA Engineer's approval of Shop Drawings shall not be construed as a complete check, nor shall it relieve the Company from responsibility for any deficiency that may exist, or from any departures or deviations from the requirements of the Contract unless the Company has, in writing, called the JEA Engineer's attention to such deviations at the time of submission and obtained written approval for the deviation. The JEA Engineer's approval shall not relieve the Company from the responsibility for errors of any sort in Shop Drawings or schedules, nor from responsibility for proper fitting of the Work, nor from the necessity of furnishing any Work, materials, equipment, or tools, required by the Contract Documents that may not be indicated on Shop Drawings when approved. The Company shall be solely responsible for all quantities and dimensions shown on the Shop Drawings. The Company shall not execute any Work until the JEA Engineer approves the Shop Drawings and a copy stamped "Approved" is at the Work Location. The Company shall, at no extra cost to JEA, make all changes and alterations whatsoever in Work performed or in subcontracts or orders placed prior to the approval of any and all Shop Drawings.

The Company shall allow a minimum of 14 days for the review of Shop Drawings. This shall be the period for new Shop Drawings and Shop Drawings that are revised and resubmitted.

As used herein, the term "manufactured" applies to standard units usually mass produced, and "fabricated" means items specifically assembled or made out of selected materials to meet individual design requirements. Shop drawings shall establish the actual details of all manufactured or fabricated items; indicate proper relation to adjoining Work; amplify design details of mechanical and electrical equipment in proper relation to physical spaces in the structure; and incorporate minor changes of design or construction to suit actual conditions.

Shop drawings shall be complete in every detail, properly identified with the Contract name, Contract and subsection number for identification of each item, and state the qualifications, departures, or deviations from the Contract, if any. Shop drawings for each section of the Work shall be numbered consecutively and the numbering system shall be retained throughout all revisions. Each drawing shall have a clear space above the title block in the lower right-hand corner for the approval stamps of the Company and the JEA Engineer.

If the materials are not listed in JEA's Approved Materials Manual, then prior to purchase of material or fabrication, the Company shall forward to the JEA Engineer for review, five sets of each shop drawing plus the number of prints it desires returned.

In checking the Shop Drawings, the Company shall verify all dimensions and field conditions and shall check and coordinate the Shop Drawings of any section or trade with the requirements of all other sections or trades whose Work is related thereto, as required for proper and complete installation of the Work. All rough-in and connections for utilities shall conform to approved equipment Shop Drawings.

The JEA Engineer will review the Shop Drawings and will return them to the Company stamped to indicate the action taken. The stamp will indicate that the shop drawing is "Approved", "Approved as Noted", "Returned for Correction", or "Disapproved". Only those Shop Drawings stamped "Returned for Correction" or "Disapproved" shall be resubmitted for subsequent review. Resubmittals shall be in the same form and number of copies as original submittals, with notation indicating a revised submittal. The Shop Drawings stamped "Approved" or "Approved as Noted" will be returned to the Company, who will be responsible for obtaining prints thereof and distributing them to the field and Subcontractors.

At the same time the JEA Engineer returns a reviewed submittal to the Company, it will forward two copies of each item stamped "Approved" or "Approved as Noted" together with any conditions of approval, to JEA for field and office use. The JEA Engineer may revoke approval of Shop Drawings, should field conditions so dictate.

2.80. VIDEO/DIGITAL RECORDS

Prior to any alterations to the Work Location, the Company shall video record the entire Work Location. The Company shall provide original video recording to the Contract Administrator no later than 15 days after the date of the Notice to Proceed.

When required by the technical specifications, the Company shall provide a monthly video record (on DVD) of construction progress to the JEA Project Manager. If construction is being conducted in different localities, then

video shall be taken at each Work Location. The JEA Project Manager reserves the right to select the views to be video recorded. DVD(s) shall be labeled with record of date taken, JEA's assigned project tracking number, and a brief description of times and activity covered in the video.

The Company shall take the progress video(s) between the 20th and 25th day of each month and submit the video(s) to the JEA Project Manager before the end of the 27th day of each month. If Company fails to submit the video(s) to the JEA Project Manager before the 28th day of each month, JEA reserves the right to have the video tape(s) taken by an independent Recording Company at the Company's expense.

In addition, the Company shall provide unedited video(s) with superimposed timer and vocal commentary of the preconstruction and post construction conditions. Video(s) shall be provided in a format that can be viewed b JEA and include both sides of the right-of-way and record close attention to paved and unpaved driveways and walkways; conditions of lawns, shrubs, flowers, flower beds, and trees; conditions of pavement, fences, signs, planters, and any other item within the area of the Work or adjacent right-of-way. The video(s) shall become a part of the JEA Project Manager's permanent job records. The video(s) shall be indexed using the timer for locations by stationing and by street intersections.

The video(s) shall include each waterway crossing. An upstream and downstream view of each bank at the point of crossing shall be taken recording the inertial zone and/or mean high water level. Also, a view of the line route shall be taken from each bank of the crossing and elsewhere as the JEA Project Manager may direct. Construction shall not begin until video recordings are approved by the JEA Project Manager. The video(s) shall depict wet conditions of the Work Location and surrounding areas whenever possible.

2.81. WEATHER PROTECTION

The Company shall provide proper facilities, take all necessary precautions, and assume the entire cost for protecting the Work against weather conditions and for handling all storm, flood and ground water, sewage, or other seepage, that may be encountered during the performance of the Contract. The Company shall provide for such contingencies and for carrying on the Work in freezing weather by methods that meet with the approval of the JEA Engineer. If the Company fails to provide such protection, or in the event of an emergency, JEA may provide such protection at the Company's expense.

2.82. DAMAGE TO MATERIALS OR EQUIPMENT

The Company shall report to the JEA Project Manager any materials issued by JEA or delivered by the JEA material supplier and received by the Company that are later found to be faulty, damaged, or discrepant in some manner. The JEA Project Manager or designee will obtain appropriate replacement materials.

The Company shall not, under any circumstances, make a material replacement without written approval of the JEA Project Manager.

The Company understands and agrees that damage to material and discrepancy of material is an expected part of performing the Work, and as such, the Company agrees it shall be solely responsible for any additional costs incurred as a result of damaged or discrepant materials, including, but not limited to, the costs to keep or get the Work on the Approved Schedule.

JEA will bill the Company for materials or equipment that are damaged while in the Company's custody. In such a case, the Company shall be charged the current JEA cost plus an inventory handling fee.

2.83. WORKMANSHIP

The Company shall perform all Work in a safe and professional manner, so as to render a neat and uniform appearance. The Company shall handle all material in such a way as to preserve its finish and protective coatings from damage. General arrangement shall be in accordance with JEA Water and Wastewater Standards and the requirements of this Contract.

2.84. SUBSTITUTIONS

Whenever materials or equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular supplier, the naming of the item is intended to establish the type, function and quality required.

Materials or equipment of other suppliers may be accepted by the JEA Engineer if sufficient information is submitted by the Company to allow the JEA Engineer to determine that the material or equipment proposed is equivalent or equal to that named.

The Company shall make written application to the JEA Engineer for acceptance thereof, certifying that the proposed substitute will perform adequately the functions and achieve the results called for by the general design, be similar and of equal substance to that specified and be suited to the same use as that specified.

The application shall state that the evaluation and acceptance of the proposed substitute will not prejudice the Company's completion of the Work within the time prescribed by the Contract, whether or not acceptance of the substitute for use in the Work will require a change in any of the Contract Documents (or in the provisions of any other Contract directly with JEA for Work on the Contract) to adapt the design to the proposed substitute and whether or not incorporation or use of the substitute in connection with the Work is subject to payment of any license fees, royalties, permits or any other costs.

All variations of the proposed substitute from that specified shall be identified in the application and available maintenance, repair and replacement service shall be indicated.

The application shall also contain an itemized estimate of all costs that will result directly or indirectly from acceptance of such substitute, including costs of redesign and claims of other Companies affected by the resulting change, all of which shall be considered by the JEA Engineer in evaluating the proposed substitute.

Requests for review of substitute items of material and equipment will not be accepted by the JEA Engineer from anyone other than the Company.

The JEA Engineer may require the Company to furnish, at the Company's expense, additional data about the proposed substitute.

If a specific means, method, technique, sequence or procedure of construction is indicated in or required by the Contract, the Company may furnish or utilize a substitute means, method, sequence, technique or procedure of construction acceptable to the JEA Engineer, if the Company submits sufficient information to allow the JEA Engineer to determine that the substitute proposed is equivalent to that indicated or required by the Contract. The JEA Engineer will be allowed a reasonable time within which to evaluate each proposed substitute; such time shall not be deemed justification for an extension of the Company's time for completion of the Contract.

The JEA Engineer will be the sole judge of acceptability, and no substitute shall be ordered, installed or utilized without the JEA Engineer's prior written notice, which shall be evidenced by either a Change Order or an approved shop drawing.

JEA may require reimbursement for the costs associated with JEA's evaluation of substitutions.

JEA may require the Company to furnish, at the Company's expense, a special performance guarantee bonds or other surety with respect to any substitution.

2.85. DISPOSITION OF SALVAGEABLE MATERIAL

All material to be removed from the Work Location, relocated, or salvaged, shall be inspected by the JEA Engineer or designee immediately prior to removal, and the JEA Engineer's decisions as to whether the material can be salvaged shall be final. Such material that is salvageable, in the opinion of the JEA Engineer, shall be stored at the Work Location on-site by the Company where directed by the JEA Engineer or delivered to another site. Under no

circumstances may existing structures or plant facilities be removed or demolished without obtaining prior written approval from the JEA Engineer.

2.86. LAW ENFORCEMENT AND SECURITY AT WORK LOCATION

Onsite law enforcement shall be provided by the Company as needed to ensure safe working conditions for site personnel. Any work activities performed at night shall have onsite law enforcement present. Company shall submit with corresponding pay application verification of the number of hours of law enforcement utilized during each pay period, including any associated fees. Company agrees to invoice JEA for law enforcement at its cost with no markup.

2.87. JEA PROJECT SECURITY

The JEA Project Security Program establishes a coordinated security program and assigns specific security responsibilities for which the Company and/or its Subcontractors shall be responsible at while performing services at existing JEA facilities and upon the substantial completion of new facilities. The programs objectives are 1) to direct all project security activities toward a single goal--no breaches, thefts, or vandalism, and 2) to ensure effective coordination and communication of all project security activities with JEA Security.

In general, the Company shall provide on-site JEA security personnel at any time a JEA facility's perimeter is unsecured, including but not limited to, alarms disabled, fences or gates down, traffic flows that require gates to be opened repeatedly and/or for more than one hour of the work day. The Company shall schedule security personnel through JEA Security. Where existing lighting is disabled or otherwise impacted by the Work, the Company shall provide temporary lighting equal to or exceeding that which exists.

Further, the Company shall be responsible for complying with all applicable provisions of Chapter 12 "Security Program" of the JEA Contractor Safety Management Process Safety Requirements, a copy of which may be obtained upon request.

2.88. EMERGENCY EVENTS

In the event that a system-wide emergency arises during the Term of the Contract for which JEA requires assistance from the Company including, but not limited to, severe storms, large-scale fires, floods, and terrorist attacks, the Company acknowledges the importance of JEA infrastructure and agrees to support, with all its resources, skills and capabilities, and the maximum extent possible, all restoration efforts of JEA. The JEA Project Manager shall notify the Company when an emergency event occurs, and the Company agrees to mobilize its full resources immediately. In the event conditions are such that an emergency event is likely in progress, but the Company has not been notified by the JEA Project Manager, the Company shall make all efforts to contact the JEA Project Manager to determine if and how it should respond. JEA agrees to reimburse the Company for its actual costs incurred as a result of supporting JEA during the emergency event, plus overhead and profit, not to exceed twelve percent (12%) of such costs.

2.89. EMERGENCY PROCEDURES

In emergencies affecting the safety of persons, the Work or property at the Work Location or any other area adjacent thereto, the Company, without special instructions or authorization from the JEA Project Manager, is obligated to act to its best ability to prevent threatened damage, injury or loss to the Work, any persons, or property. The Company shall give the JEA Project Manager prompt written notice describing the emergency, its cause, actions taken, injuries and casualties, property damage, other damages, and impact on continued performance under this Contract.

2.90. STORM PREPAREDNESS

In the event of a Hurricane Warning, Tropical Storm Warning, or other large storm affecting the Work Location, the Company shall secure, or shall remove and store all equipment and materials at the Work Location including, but not limited to, cones, barricades, lights and signs. The Company shall begin taking such precautions as necessary to secure the Work Location upon official issuance of mandatory evacuation of the area of the Work Location, and no later than 24 hours prior to predicted arrival of tropical storm or hurricane force winds, or when notified by a JEA

Project Manager to do so. These activities are considered a regular part of the Work, regardless of the frequency they are required.

2.91. ENCROACHMENTS ON RIGHTS OR PROPERTY

The Company shall be solely responsible for any encroachments on public property or on the rights or property of adjoining property owners to the Work Location and shall hold JEA harmless because of any encroachments that may result because of the Company's improper layout. In this regard, the Company shall, without extra cost to JEA, remove any Work or portion of any Work that encroaches on the property other than that of the Work Location, or that is built beyond legal building or setback limits. The Company shall rebuild the affected Work or portion of Work at the proper location and in full compliance with the Contract Documents.

2.92. INTERFERENCE WITH EXISTING UTILITIES

The Company acknowledges and agrees that there is a possibility that existing JEA or other utility facilities may cross and/or lie parallel to excavations in the area where Work will occur. Although JEA may indicate recorded obstacles on the drawings, it does not warrant that other subsurface obstacles do not exist. The Company shall be responsible for verifying the data furnished by JEA and for fully investigating and locating additional obstructions including every type below, on or above the ground. The Company should regard these impediments as normal to construction. All costs for performing such work shall not be paid for separately but shall be included in the Company's costs on its Response.

The Company shall comply with all requirements of the Sunshine State One-Call program.

In the event the Company encounters an unidentified utility during performance of the Work, the Company shall promptly cease Work in the affected area and shall immediately notify the JEA Project Manager in writing. JEA will investigate the area and propose remedial actions in accordance with the provisions stated herein in "Changes to the Scope of Work".

The Company shall work in cooperation with JEA and representatives of existing utilities to plan and coordinate putting new Work into service so as not to interfere with the operation of the existing utilities. Such plans shall be adhered to unless deviations therefrom are expressly permitted in writing by the JEA Project Manager.

The Company shall at all times conduct the Work in a manner that interferes as little as possible with the existing utilities. Any cables exposed during construction, whether energized or not, must be handled and protected as if they are energized. The Company shall so conduct its operations and maintain the Work in such condition that adequate drainage shall be in effect at all times. The Company shall not obstruct existing gutters, ditches, and other runoff facilities. When working in the vicinity of overhead lines, the Company shall request line rubber protection from JEA at least 10 days in advance of performing the work.

The Company shall be solely responsible for any damages, interferences, and interruptions of service caused to any utility's assets and services including water, sewer, electric, telephone, gas, cable, and other utility services, that result from the Company's failure to fulfill the above stated requirements.

In the event the Company damages an existing utility, the Company shall immediately notify the property owner, the owner of the damaged utility and the JEA Representative. Should the damage cause an interruption of service, the Company shall be responsible for restoring service as soon as possible; however, the Company shall not make repairs, other than any required to restore safe conditions, without the approval of the property owner, or the owner of the damaged utility. The Company shall be responsible for coordinating any repair effort, and any associated costs should the utility owner or a licensed repair contractor be required to make the repair. JEA reserves the right to deduct any unsettled claim amount from Company's invoices until such time as the claim is satisfactorily resolved.

2.93. INTERFERENCE WITH JEA WORK OR OTHER COMPANY

The Company shall perform the Work in a manner that minimizes the interference with other JEA work, City of Jacksonville work, or with work performed by other companies. The Company shall coordinate the Work with other persons and companies employed by JEA. If a difference of opinion regarding scheduling or coordination of the Work arises between the Company and another JEA contractor(s) performing work at the Work Location, JEA may

resolve the matter. In such cases where JEA makes a decision regarding the scheduling or coordination of the work, the Company agrees to fully abide by JEA's decision. Unless otherwise agreed in writing by JEA, JEA will not be responsible for additional costs.

Any claims arising against the Company from damages to other companies' work, equipment, machinery, tools or other property shall be settled directly between the Company and the other companies involved. JEA will not, in any way, be a party to arbitrating or mediating any such disputes, nor shall JEA be responsible for any costs associated with such disputes.

2.94. INTERFERENCE WITH RAILROADS

The Company shall not build across, into, over or under, either temporarily or permanently, any portion of a railway or railway right-of-way without first obtaining all required permits. If the Company's operations render any railroad unsafe, the Company shall immediately notify the JEA Project Manager and the railroad owner and take appropriate actions and such temporary safeguards as required to protect life, limb, and property, and to maintain orderly traffic.

The Company shall procure all railroad permits required for the Work beyond those procured by JEA and the costs for such permits shall be included in the Company's Response. All costs associated with railroad fees for railroad flagmen, watchouts, inspectors, supervisors, any additional training of Company's employees that is required by applicable laws, rules and regulations when performing Work in association with railways, any certifications required for successful completion of the Work and all other associated costs shall be included in the Company's Response.

2.95. REMOVAL OF WORK OR EQUIPMENT

The Company shall not sell, assign, mortgage, hypothecate or remove Work that has been delivered to or installed at the Work Location.

2.96. APPLICABLE STANDARDS AND CODES

The latest rules and regulations of the following organizations shall be considered a part of these Contract Documents. Specific standards and costs are listed in the Appendix A Technical Specifications.

2.97. FREE AND CLEAR TITLE

The Company warrants that it has title to all equipment and materials furnished under the Contract where title will pass to JEA, and that the equipment and materials passed to JEA are free and clear of all liens, claims, security interests and encumbrances.

2.98. STORAGE OF EQUIPMENT

Shipping materials and equipment to be installed by the Company shall be delivered by the Company to the Work Location or such other place as may be designated by the JEA Project Manager. In so far as transportation conditions will allow, items shall be shipped complete and ready for installation. Where applicable, the Company shall be responsible for obtaining any permits required for transportation to the Work Location. For early shipments, the Company shall provide written notice to the JEA Project Manager or designated Work Location manager.

Storage: Under arrangement with the JEA Project and upon his approval, a limited amount of temporary indoor storage space may be made available, but only for the equipment that must be protected from the weather. Equipment for which arrangements have been made for indoor storage, shall be packed separately and the container clearly marked "For Indoor Storage." For equipment that will be stored indoors and that will require special storage precautions, the storage instructions shall be shown on the outside of each container, or in a durable envelope identified as containing storage instructions and attached to the container.

2.99. TOOLS AND EQUIPMENT

All tools and equipment used in the performance of the Work shall be used as intended by the manufacturer and in accordance with manufacturer operating manuals and industry practices, whichever is more stringent. The Company shall ensure that all tools and equipment used in the performance of the Work shall be of the size and quality suitable for safe and efficient performance of the Work. If the Company-provided tools and equipment do not meet

these requirements, or if in the sole opinion of JEA formed after considering relevant factors, the tools or equipment are inappropriate for performance of the Work, the Company agrees to remove the unacceptable tools and equipment and obtain tools and equipment JEA considers suitable. Such replacement shall be entirely at the Company's expense, and no change to time prescribed by the Contract will be allowed.

The Company is responsible for furnishing and the security of any and all tools and equipment required to perform the Work.

2.100. PROFESSIONAL ENGINEER SEAL REQUIREMENTS

All plans and specifications that the Contractor provides for any building, structure, system or equipment where required by federal, state, local laws and regulation as part of the Work shall bear the seal of a professional engineer duly registered in the State of Florida at no cost to JEA.

2.101. SURVEYING

Unless specifically stated in the Contract Documents as being provided by JEA, the Company shall be responsible for all surveying necessary to commence and perform this Work. The Company shall employ a land surveyor registered in the State of Florida to reference and restore all property corners and/or monuments that may have been disturbed and to ensure accurate horizontal and vertical control during the construction of this project and for staking locations for new structures. Height and spacing of stakes to be as specified elsewhere herein or as directed by JEA Engineer. Refer to Appendix A - Technical Specifications for additional surveying requirements for piping and structures that are required by the Company throughout construction.

All Work shall be done to the lines, grades and elevations shown on the drawings. Any Work improperly located may be ordered removed and replaced at the Company's expense. The Company shall be responsible for making its own determination of water table variations and shall not assume that any water levels shown by the aforesaid boring data will necessarily be maintained at the level indicated. The Company shall investigate the conditions above or below the surface of the ground as it may deem necessary for the proper and timely performance of its Work including, but not limited to, the making of borings.

2.102. AS-BUILT DRAWINGS

As required, the Company shall furnish as-built drawings that depict, if applicable, any changes to the Work. The as-built drawings shall also include the required ground ohm readings and the number of ground rods driven at each station.

The validity and verity of the as-built drawings shall be reviewed at a post-construction meeting, which will include the JEA Engineer, JEA Inspector and the Company, within one week of completion of the Work. The JEA Inspector will approve or reject the as-built drawings at this meeting.

At the post-construction meeting, a JEA Representative may accomplish an infrared camera inspection of the Work performed by the Company. The Company shall replace any workmanship found to be defective.

2.103. PROTECTION OF THE ENVIRONMENT

The Company and its Subcontractors shall comply with all applicable laws, rules and regulations including, but not limited to, all Environmental Regulations.

A. Asbestos, Lead, or Toxic Mold Notification:

Asbestos, Lead, or Toxic Mold may be present at the Work Location. The Company shall notify the JEA Project Manager immediately upon discovery of asbestos, lead, toxic mold. The Company shall not disturb or remove known or discovered asbestos, lead, or toxic mold unless directed by the JEA Representative.

B. Hazardous Materials:

The Company shall bear full responsibility including, but not limited to, payment and liability for the transportation, use, recycling, and disposal of any Hazardous Materials under the Company's control during the performance of the Work. Disposal or recycling of Hazardous Materials shall only be performed at JEA

approved facilities. The Company shall provide JEA with appropriate documentation showing proper disposal or recycling of its Hazardous Materials.

The Company shall notify the JEA Project Manager in writing of the type, quantity and disposal or recycling method of any hazardous material used during the performance of the Work. The Company shall be solely responsible for the use and disposal or recycling of any such materials. The Company shall submit cleanup procedures to the JEA Representative for review and written approval prior to the use of the hazardous material. In the event that a hazardous material escapes into the environment, the Company shall immediately notify the JEA Project Manager in writing of the occurrence and the actions taken. In the event that the Company encounters hazardous materials in the course of construction, the Company shall immediately notify the JEA Project Manager verbally, with a written notification to follow. The JEA Project Manager shall arrange for disposal by JEA.

JEA has identified and labeled equipment known to contain PCBs. JEA will remove and transport any equipment so identified. The Company shall not remove or transport any equipment containing PCBs. The Company shall immediately notify the JEA Representative of any questionable or unmarked equipment, and the JEA Representative will arrange for testing and identification.

C. Waste Management:

The Company will be solely responsible for the proper management of all waste material, including but not limited to, paints, lubricants, fuels, solvents, drilling mud and materials, construction, and demolition debris, used oil and oily waste, land clearing debris, universal waste (mercury containing lamps and devices, batteries, etc.) and other chemicals and hazardous materials used in connection with or generated during the Work, except as specified above. The Company will provide proper containers for waste materials and comply with all applicable laws, rules and regulations in their disposal or recycling. The Company will dispose of or recycle all empty containers off-site as soon as possible.

D. Wetlands:

The Company understands and agrees that the Work Location may include wetlands or other environmentally sensitive areas. The Company shall not enter these areas during the performance of its Work, unless specifically authorized by the JEA Project Manager and appropriate state and federal permits have been obtained.

E. Wildlife:

The Company and/or Subcontractor's employees shall not endanger wildlife species or domestic animals of any kind.

Violation of Environmental Laws and Permits:

The Company shall immediately cease any activity that causes or results in a violation of JEA's or Company's environmental permits or federal, state and local laws and regulations. Such violation shall immediately be reported to the JEA Project Manager verbally, with written notification to follow. All additional costs due to the Company's noncompliance with the applicable environmental permits or Environmental Regulations shall be paid by the Company.

2.104. ENVIRONMENTAL COMPLIANCE

The Company shall be familiar, and otherwise comply with Environmental Regulations as they apply to the performance of the Work associated with this Contract unless otherwise directed in writing by JEA. Company shall furthermore notify JEA of the need to obtain additional regulatory authorizations, including permits, prior to applying for such authorizations.

Company shall designate a qualified individual to serve as an environmental coordinator. This individual shall be responsible for; ensuring Company's conformance with Environmental Requirements, serve as JEA's point of contact with the Company on all matters related to Environmental Requirements applicable to the Work, be prepared for, and attend environmental compliance meetings scheduled by JEA, attend regulatory agency inspections of the Work Site, and notify JEA of noncompliance or other deviation from Environmental Requirements applicable to the Work. This individual shall also be a qualified Stormwater Management Inspector registered in the State of Florida.

2.105. NPDES PERMIT CONFORMANCE - STORMWATER POLLUTION PREVENTION

The Company shall obtain as necessary a Generic Permit for Stormwater Discharge from Large and Small Construction Activities (CGP) and shall develop a Stormwater Pollution Prevention Plan (SWPPP) compliant with local, state, and federal rules, laws, and ordinances. Company shall be responsible for implementing the SWPPP, installing and maintaining in a functional manner structural and nonstructural best management practices as described therein, evaluating the effectiveness of the best management practices, and employing additional performance based best management practices as may be deemed necessary by JEA. The Company, at its own expense, shall revise, or include as addendum to the SWPPP measures as maybe required by a local, state, or federal authority to remain compliant with local, state, and federal rules, laws, and ordinances.

No additional payments shall be made to Company for revisions or addendums to the SWPPP, or for the actual implementation of those revisions on the Work site, including those made so as to achieve functional performance based best management practices.

The Company shall obtain all other applicable local, state, and federal permits subsequent to notification of JEA of the need for such authorization(s). It is unlawful to have any discharges that are not composed entirely of stormwater (except discharges pursuant to a NPDES permit) to the Municipal Separate Stormwater System (MS4). Only non-contaminated water/non-turbid water shall be transported through the MS4. Groundwater discharge (approved by the FDEP pursuant to 62-621.300(2)) from dewatering activities may be routed into the stormwater system, drainage ditch, creek, river or wetland providing that erosion, and transportation of suspended solids to the system is prevented. If contaminated soil or contaminated groundwater is encountered, the dewatering activity shall cease immediately, and the Company shall contact JEA's Environmental Coordinator, Andrew Sears at (904) 665-7719.

All contractors conducting land disturbing activities shall have at least one corporate representative that is certified for the Florida Department of Environmental Protection Erosion and Sediment Control Inspector Training Manual.

For projects with greater than one acre of disturbed land, a person certified pursuant to the Florida Department of Environmental Protection's Erosion and Sediment Control Inspector Training Manual or trained by a certified person shall make the routine inspections shall be maintained and kept on the construction site and made available for inspection during land-disturbing activities. Such inspection shall be made no led that daily and a log of such inspections shall be maintained and kept on the construction site and made available for inspection by City and JEA inspectors throughout the duration of land-disturbing activities. If the inspector is trained by a certified person but not certified themselves, accurate training records must be kept, and evidence of annual refresher trainer shall be maintained.

Any required erosion and sediment control plans submitted to the City of Jacksonville must conform to the requirements in the FDEP's Florida Department of Environmental Protection's Erosion and Sediment Control Inspector Training Manual or the provisions contained in the Land Development Procedures Manual.

Upon approval to proceed to do so by the Owner, the Company shall complete a Notice of Termination (NOT) (DEP Doc. No. 62-621.300(6), F.A.C.), to terminate the CGP coverage within one (1) week of final site stabilization.

If the above requirements are not followed, the Company shall be held liable for any fines and/or violations incurred by JEA.

2.106. DEWATERING

If the Company encounters groundwater, the Company shall be responsible for utilizing a dewatering system(s) to remove water from the excavations. Prior to beginning any dewatering, the Company shall submit a dewatering plan to the JEA Project Manager for review and approval. The Company shall comply with all sampling requirements listed in Florida Department of Environmental Protection (FDEP) Dewatering Regulations before any dewatering can begin.

Once the sampling analysis is complete, the sample(s) results shall be submitted to the JEA Project Manager for review and submittal to FDEP. If the sample analysis fails, no dewatering can proceed without further instruction from the JEA Project Manager. Additionally, prior to any dewatering, the Company shall apply for a St. Johns River

Water Management District (SJRWMD) Generic Permit for Short Term Dewatering and comply with all SJRWMD requirements.

If the above requirements are not followed, the Company shall be held liable for any fines and/or violations incurred by JEA.

2.107. PREVENTION, CONTROL AND ABATEMENT OF EROSION AND SILTATION

The Company shall take steps and make suitable provisions to minimize siltation and erosion of waterways that may result from its operation during the course of construction.

The Company shall make suitable arrangements, which may require the temporary construction of flumes, boxes, or some other device(s), at the Work Location for the drainage and disposal of water. The Company shall be responsible for protecting adjacent property to the Work Location from damage by water resulting from its operations. The Work Location shall be returned to its original condition to the satisfaction of JEA.

The Company is cautioned that execution or maintenance that creates turbidity and that directly or indirectly affects the water quality of any waterway into which storm water is discharged in such a manner as to exceed the limitations prescribed in the Florida Administrative Code, is a violation of the water quality standards of the State of Florida.

Turbidity shall not exceed 29 NTU's, above background level within 100' of the construction activity. Costs incurred by the Company for compliance to the restrictions outlined above shall be included in the cost of the items for which the turbidity control is required unless a separate line item is included in the Company's Response for turbidity control. Silt barriers shall be used at all waterway crossings or at any time during construction that siltation or erosion may occur. The Company shall submit to the JEA Project Manager, for written approval prior to construction, the method to be used to control the turbidity. The JEA Project Manger's approval of the method to be used in no way relieves the Company of the liability in case of a citation against JEA.

2.108. SILT FENCE ASSEMBLY

The Company shall furnish and install silt fence assembly (including fabric, stakes, etc.) in accordance with the details shown on the Erosion Control Drawings and as required by the Storm Water Pollution Prevention Plan (SWPPP). Company will be responsible for all costs associated with silt fence assembly. There will not be a separate line item for silt fence assembly on the Response form/bid form.

2.109. DRAINAGE ALONG RIGHT OF WAY

The Company shall so conduct its operations and maintain the Work in such condition that adequate drainage shall be in effect at all times. The Company shall not obstruct existing gutters, ditches and other runoff facilities.

2.110. FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) CERTIFICATION OF COMPLETION

Following satisfactory bacteriological clearance, installation and testing of the piping systems or mains installed under the Contract, the Company shall submit to the JEA Project Manager a Company-certified, as-built drawings of sufficient detail and accuracy to allow application to FDEP in accordance with the provisions set herein for Certification of Completion. This Certification of Completion must be obtained prior to making final tie-ins and/or service transfers or connections. The Company shall schedule its Work to allow sufficient time for processing the Certificate of Completion. The submittal of as-built drawings in order to obtain the FDEP Certificate of Completion does not relieve the Company of the requirement to submit final as-built drawings as specified in the Contract Documents.

2.111. SEWAGE SPILLS

The Company shall minimize the amount of sewage released into excavations by notifying affected parties of the service interruption, pre-draining affected lines, insuring pump station (non-)operating status, etc. The Company shall notify JEA immediately verbally, with written notification to follow.

The Company shall take precautions to prevent sewage from contacting the ground. If sewage contacts the ground, the Company shall take appropriate measures to disinfect the area of the sewage release. If pooling sewage is observed, the Company shall vacuum remove the sewage, or remove the sewage by other means acceptable to the JEA Representative and dispose of the sewage in accordance with environmental and public health regulations. The Company shall clear any sanitary systems found plugged due to this type of pumping activity at its own expense.

2.112. BYPASS PUMPING

The Company shall provide all necessary labor, materials, and equipment to maintain the uninterrupted sewer service of laterals, mains, trunks, force mains and pump stations at all times. The manner in which this is accomplished shall be left to the discretion of the Company, subject to the requirements of the Contract and the prior approval of the JEA Project Manager. The JEA Project Manager's approval in no way relieves the Company of any liabilities resulting from the bypass method chosen.

The Company shall not allow any sewage, at any time, to be pumped into any drainage structure or to spill, puddle, or run upon any street, construction trench, public or private property.

The responsibility for coordinating the need, length of time, method, and suction and discharge locations for bypass pumping shall be the responsibility of the Company subject to approval by the JEA Project Manager.

2.113. TRAFFIC SIGNAGE

Costs incurred by the Company to provide new signage and pavement markers or remove and replace existing signage as necessary to accomplish the work shall not be paid for separately but shall be merged with the cost of the associated item of work. Damaged signage shall be replaced with new signage. All signage and pavement markers in accordance with the drawings and City Traffic Engineer's requirements.

2.114. CARE OF JEA CUSTOMERS

The Company agrees to provide excellent customer service throughout the execution of the Work during both scheduled Work hours and Overtime in the manner, as a minimum, as set forth below:

Customer Service Plan:

The Company shall submit a Customer Service Plan prior to mobilization and designate an individual to assume the duties of the Company's Customer Service Representative (CSR) as described herein.

The Company shall provide an after-hours emergency phone number to JEA.

The Company shall provide contact numbers for those individuals assigned to concerns arising during non-business hours and in the event of emergencies. The designated person(s) shall provide a cellular phone number as the main contact number, and one alternate number. The designated person(s) shall respond to JEA with proposed resolution within two hours of receiving a call from a JEA representative or customer. If the Company fails to respond within the designated time and it is thereby necessary for JEA to provide assistance, the Company shall be responsible for all costs incurred by JEA as a result of resolving the concern.

Upon JEA approval, the Company shall deliver fliers and/or door hangers provided by Project Outreach to all customers in an affected work area at least three days prior to each construction activity including, but not limited to, locates, TV/cleaning, soil borings, mobilization, etc. Upon JEA's request, the contractor will install JEA provided signage at a location chosen by the JEA project team. These signs will be removed by the contractor at the end of the project.

The Company shall notify affected customers prior to any planned water/electric outages, line flushing, valve simulations and driveway/curb construction, paving and road closures. The notification will be produced by the Company (unless notifications are provided by JEA) and approved by JEA Project Outreach.

Customer Concerns:

The CSR shall contact the JEA customer who has a concern by the end of the business day of when the concern was received from JEA Project Outreach. The Company shall contact Project Outreach within two business days to confirm that they have contacted the customer and assessed the concern.

The CSR shall provide JEA Project Outreach with concern evaluations, resolutions, and actions taken all within five business days of when the concern was received.

The CSR shall notify Project Outreach immediately after a concern has been resolved with specific resolution actions or an update of the resolution. Project Outreach will contact the customer following notification of resolution to confirm the resolution before Project Outreach closes the concern and prior to notifying the Company, the CSR, JEA Representatives and inspectors of resolution of the concern.

Within one business day of receiving a concern from a JEA customer, the Company shall notify JEA Project Outreach in writing of each customer concern reported directly to the Company's personnel by any JEA customer. Such notification shall include, as a minimum: the Company's name, date, and time the concern was communicated to the Company, the name, address and phone numbers for the customer, the nature of their concern and any action that was taken or any action currently underway to resolve the concern. The CSR shall follow the customer concern procedures stated above.

If the Company fails to meet the problem resolution deadlines stated in this document in a manner that meets acceptable quality standards, JEA may make repairs or take other necessary actions to resolve the issue, which shall be at the Company's sole expense.

Duties of the Customer Service Representative (CSR)

The Company shall provide a Customer Service Representative for the Term of the Contract. The CSR's primary responsibilities shall include, but are not limited to the following:

Communication: Serve as the primary point of contact for customer concerns and information requests; report customer concerns to the JEA Project Manager and Project Outreach or other internal JEA resources and assist in resolution of issues; and meet with customers on site as needed to assess their concerns.

Planning: Conduct biweekly progress meetings with JEA Project Manager; conduct progress meetings with Project Outreach regularly and as needed to review any outstanding complaints and provide a timeframe/action plan for resolving them; review customer satisfaction targets and goals, measurements, documentation and project definition and assist with making improvements; conduct periodic customer service reviews during the course of the Work to assess and identify any items considered to be at risk or vulnerable in relationship to meeting JEA goals and objectives; and notify Project Outreach, in a timely manner, of change in scope or schedule.

Process Improvement: Work with JEA to identify process improvement opportunities that increase customer service and satisfaction; make recommendations to JEA to enhance and assist with JEA goals and objectives for customer service; and conduct a customer service review at the completion of the construction phase of a project, but prior to the restoration, or "punch list" phase, to assess customers' satisfaction with the handling of concerns and customers' overall response to the project.

Disruption of Utility Services: If the Company disrupts any utility services (water, sewer or electric, etc.) during performance of the Work, the Company shall return them to operation as soon as possible. No disruption to any utility service disruption shall exceed the end of the Company's normal work shift. No disruption to the customer's utility services shall exceed any 12-hour period. Should any of the customer's utility services be disrupted, for a period longer than 12 hours, the Company shall provide alternative arrangements for the customer, as determined by JEA, with no additional cost to JEA for these arrangements unless otherwise specified in the documents. The CSR shall immediately notify JEA Project Outreach (telephone 665-7500) of any service disruptions.

Restoration: The Company shall restore, for no additional compensation, the landscaping of any properties affected by the Company's actions, directly or indirectly, (in the right-of-way not related to ongoing Work, or isolated Work in the right-of-way that would leave unrestored areas for undue periods of time subject to criticism) to its original state, within five calendar days from the time the area was disrupted. All other restoration required within the right-

of-way shall be scheduled in the customary method for such construction and in accordance with any permit conditions.

The Company shall, at its own expense (unless otherwise specified in the documents), repair any irrigation systems damaged by the Company's Work within one day from the time the irrigation system was damaged. If this is not possible, the Company shall inform the customer of the damage and provide an estimated time for repair. In addition, the Company shall make adequate provisions for the customer to water and maintain his or her lawn.

The Company shall repair, at its own expense, any asphalt and concrete damaged by Company (in the right-of-way not related to ongoing Work, or isolated Work within the right-of-way that would leave unrestored areas for undue periods of time subject to residents/customer criticism) within five calendar days from the time the damage occurred. All other restoration required within the right-of-way shall be scheduled in the customary method for such construction and in accordance with any permit conditions.

Customer Concern Ratios: Project Outreach's goal for customer concerns is to completely resolve all complaints within 10 business days of receiving a complaint. A formal customer concern shall be defined as a documented concern to JEA Project Outreach. The concern may be of a real or perceived problem that the customer has against the Company.

The JEA Project Manager or designee will notify the Company on a monthly basis of how many concerns were received by JEA's Project Outreach and the number of concerns yet to be resolved. JEA will immediately notify the Company when a concern has been opened and has not been a response to it within five business days. The Company shall contact Project Outreach and provide a written correction plan within five calendar days of receipt of the notice. If at any time the Company allows unresolved concerns to exceed the five business days without prior notification to Project Outreach and the customer concern ratio reaches 3.0 percent, the Company shall be required to appear in front of the Company Performance Review Board to explain the circumstances leading to the unresolved concern. The Company Performance Review Board will notify the Chief Procurement Officer of the board's decision and any recommended actions, which may include, but are not limited to, additional remedial action, termination of the Contract and/or suspension from JEA's Responsible Bidder's List in all categories for a period not to exceed one year.

If the Company fails to adhere to the customer service requirements stated herein, the Company's performance will be documented in accordance with JEA's Vendor Performance Evaluation process stated herein.

2.115. INTERRUPTION OF SERVICE

The Company shall not operate any valves, nor otherwise interrupt water and/or sewer service, without first obtaining permission from the JEA Engineer. The JEA Representative shall be present during any interruption of service.

If the Company must shut down a main or portion of a main, thereby causing an interruption of water service, the Company shall provide the JEA Engineer with the following information, in writing, a minimum of four days in advance of any anticipated interruption of service:

1. Date and time of outage.
2. Purpose of the outage.
3. Map of the area to be affected by the outage.
4. Letter stating all offices, businesses, and residents have been or will be notified by Company at least four days in advance of the outage (unless JEA chooses to issue such notification).

The Company is not authorized to proceed with requested Work without prior written notice from JEA Engineer that such actions are approved.

In the event of a major emergency that endangers life or property, the Company may take immediate action before notifying JEA. In all cases, however, JEA shall be notified in writing at the earliest opportunity after addressing the emergency.

2.116. MAILBOXES

The Company shall carefully remove and relocate mailboxes affected by construction operations to allow for uninterrupted mail service. All temporarily relocated mailboxes shall be reinstalled permanently as soon as construction operations allow. The condition of the reinstalled mailboxes shall be at least equal to the original facility, as directed by JEA. Company shall be responsible for removal, relocation, or reinstallation of mailboxes. There will not be a separate line item for Mailbox removal, relocation, or reinstallation on the Response Form.

2.117. TREE PROTECTION

The Company shall protect all trees, in accordance with applicable city and county laws, from damage by vehicles, equipment and machinery, except those trees designated for removal on the construction drawings and for which the Company shall be responsible for obtaining all required approvals and permits. Removal of any tree not so designated nor permitted, shall be only upon specific approval by the JEA Engineer.

Excavated dirt shall not be piled around the base of any tree not designated for removal. The Company shall not bury or burn any refuse around or near the trees. The Company shall proceed with caution when excavating in the vicinity of root structure of any tree. Excavation shall be by hand if necessary.

Roots up to 2" in diameter when severed do not require any pruning paint. Roots from 2" to 4" in diameter must be severed with a pruning saw and painted. Roots over 4" shall not be severed except as directed by the JEA Engineer.

An ax or similar tool is not acceptable for pruning. The wood shall be treated with asphalt-type pruning paint as soon as possible after pruning.

Prior to any site disturbance, barriers shall be put up around each tree to be protected. These barriers shall be constructed of 2 x 4's or any other practical materials that will discourage disturbance near the tree. To conform to applicable city and county laws and codes, these barriers should be at least 6' away from the trunk of the tree and protect an area that is at least 50% of the unpaved area covered by the crown spread of the tree. When conditions permit, barriers are to be placed in such a manner as to provide the largest undisturbed area possible.

Cutting tree roots shall be kept to a minimum and only allowed when absolutely necessary. In such instances the Company shall ensure that all cuts are made clean with a saw, free of all loose soil, and sealed with pruning paint or shellac. At no time shall roots be pulled, ripped, or cut with a blade, backhoe, or other mechanical device. Additional fill under the crown spread of trees shall be kept to a minimum. If additional fill is unavoidable, all fill material shall consist of clean, coarse sand or gravel, free of silt and clay to allow for free movement of air and water. Lowering the grade under the crown spread of trees will not be permitted.

Should branches require pruning to provide for roadway or other necessary clearance, they shall be cut back to a main stem or crotch of the tree. All cuts shall be made at the bench collar to allow the natural healing process of the tree to occur. To further promote the natural healing process, no pruning paint or other material shall be applied to pruning cuts.

If a tree is wounded during construction, all bark surrounding the wound shall be cut away and carefully removed. Care shall be taken to leave as much cambium as possible.

Any tree whose root system has been disturbed or damaged must be properly fertilized to aid in its recovery. The hole or punch-bar method shall be used for applying fertilizer. The holes should be approximately 12" to 18" deep, 1" to 2" in diameter, 2' apart, and extend 2' past the drip line of the tree. The Company shall not apply fertilizer within 1 foot of the trunk of a small tree (up to 6" in diameter) or within 3' of the trunks of a large tree (over 6" in diameter). Injury to the root collar and trunk base may result. The type of fertilizer to be used shall be 25% organic 8-8-8 with minor elements included. Chemical analysis as follows: Total Nitrogen, not less than 8.00%, available Phosphoric Acid, not less than 8.00%, water soluble potash, not less than 8.00%. Fertilizer shall be applied at the following rates and shall be evenly distributed among the holes:

1. Hardwoods up to 6" Dia. 2 lb. per inch of Dia.
2. Hardwoods over 6" Dia. 4 lb. per inch of Dia.

3. Evergreens up to 6" Dia. 1 lb. per inch of Dia.
4. Evergreens over 6" Dia. 2 lb. per inch of Dia.

2.118. HAND DIGGING AROUND TREES, TREE TRIMMING, ARBORIST SERVICES AND TREE REMOVAL

No separate measurement and payment shall be made for hand digging around trees, tree trimming, and provision of arborist services, but all cost shall be included in the associated item of work in the bid form. Hand digging, tree trimming, and arborist services shall include but not be limited to all labor, equipment and supervision required to successfully hand dig or trim tree branches where tree roots or branches may be destroyed or injured due to the Work. Item shall include services of a certified arborist as required by the City landscape architect to ensure minimal or no damage to tree canopy or root system. If the tree canopy or root system is damaged, the Company, at its own expense, shall repair, restore, or replace the tree at the direction of the arborist. The Company shall review the drawings and visit the Work area prior to the bid to satisfy itself as to the amount of tree removal and disposal to be performed to complete the Work, and the extent of tree trimming required to perform the work. All tree mitigation costs shall be borne by the City of Jacksonville. Trees identified on the drawings for removal shall not be paid for separately, but all associated cost for removal and disposal and subsequent compacted soil backfill replacement shall be included in the associated item of the work.

2.119. CONSTRUCTION PARKING

No Company employee vehicular parking will be allowed within the construction footprint. All parking will be offsite. Company shall be responsible for ferrying its employees to and from the Work Location. This will reduce the number of complaints associated with number of vehicles clogging roadways and ruts associated with off-street parking, as well as provide additional ingress/egress corridor for required construction vehicles.

2.120. TEMPORARY CLOSURE OF ROADWAYS

The Company shall not close or obstruct any portion of a street, road, or private way without first obtaining permits from the appropriate agency. If any street or private way is rendered unsafe by the Company's operations, the Company shall make such repairs or provide such temporary ways and guards necessary for the protection and safety of persons on the Work and the public and for the orderly maintenance of traffic. All costs associated with temporary closure of roadways shall be included in Contract Price.

The Company shall notify the police and fire departments in writing if it will be necessary to close a street. The Company shall copy JEA on all correspondence relating to street closure. The Company shall notify the police and fire departments prior to closure of the street. The Company shall be responsible for maintaining proper coordination with the proper authorities.

Temporary closure of business entrances must be approved in writing by and coordinated with JEA.

2.121. TEMPORARY UTILITIES

The Company shall furnish and install all temporary water, electricity and other utilities required to accomplish the Work. The Company shall obtain the water required for carrying out the Work from fire hydrants, existing water main connections, or new connections approved by JEA. The Company shall install a back flow preventer and water meter assembly if construction water is necessary. Upon Substantial Completion of Work, the Company shall remove all evidence of temporary connections and lines.

Prior to initiating any construction Work, the Company shall coordinate and schedule the provision of temporary utility service required during construction and arrange for the permanent installation and connection of utilities for the completed Work.

2.122. METERS

The Company shall pay all fees and charges required for connections to utilities, concurrency management, parking meter rental/removal and any other assessments imposed on the Work, except those specifically listed herein as provided by JEA.

2.123. TEMPORARY ROADWAYS

If the Company's operations render any street or private way unsafe, the Company shall make such repairs or provide such temporary ways and guards necessary for the protection and safety of JEA's and the Company's employees and subcontractors, and the public, and for the orderly maintenance of traffic. The Company shall always provide and maintain a hard-surfaced roadway for traffic. Where temporary detours of lanes are required, they shall be asphalt-paved by the Company. The Company may construct paving section(s) appropriate to support traffic, provided the surface is smooth and the profile reasonable, and as a minimum, consists of 1 inch of bituminous structural course over a 6-inch lime rock base that was inspected and approved by the JEA Engineer. Should any temporary pavement fail, the Company shall be responsible for repairing it, at its own cost, before close of Work on the day notification is given. Should the Company be unable to make such repair by close of Work, the Company shall notify the JEA Project Manager and provide an estimated time when repairs can be made. No repair timeframes shall exceed 48 hours. Any damages, either direct or indirect, resulting from such temporary pavement failures shall be the sole liability of the Company. All lime rock base material used for temporary pavement and constructed in proposed grassed areas shall be completely removed and disposed of by the Company prior to final restorative grassing operations. The area shall be backfilled with material stockpiled on the Work Location that is conducive to growth of the plant material. All costs associated with this work shall be included in the cost for the associated item of work.

2.124. CONFIDENTIALITY & PUBLIC RECORDS LAWS

CONFIDENTIALITY & PUBLIC RECORDS LAWS

Access to Public Records

All Documents, data and other records received by JEA in connection with the Contract are public records and available for public inspection unless specifically exempt by law. The Company shall allow public access to all documents, data and other records made or received by the Company in connection with the Contract unless the records are exempt from Section 249(a) of Article I of the Florida Constitution or subsection 119.07(1), Florida Statutes. JEA may unilaterally terminate the Contract if the Company refuses to allow public access as required under the Contract.

Redacted copies of Confidential Information

If the Company believes that any portion of any documents, data or other records submitted to JEA are exempt from disclosure under Chapter 119, Florida Statutes, the Florida Constitution and related laws ("Florida's Public Records Laws"), Company must (1) clearly segregate and mark the specific sections of the document, data and records as "Confidential", (2) cite the specific Florida Statute or other legal authority for the asserted exemption, and (3) provide JEA with a separate redacted copy of the documents, data, or records (the "Redacted Copy"). The Redacted Copy shall contain JEA's contract name and number and shall be clearly titled "Redacted Copy". Bidder should only redact those portions of records that Bidder claims are specifically exempt from disclosure under Florida's Public Records Laws. If the Company fails to submit a redacted copy of documents, data, or other records it claims is confidential, JEA is authorized to produce all documents, data, and other records submitted to JEA in answer to a public records request for these records.

Request for Redacted Information

In the event of a public records or other disclosure request under Florida's Public Records Laws or other authority to which the Company's documents, data or records are responsive, JEA will provide the Redacted Copy to the requestor. If a Requestor asserts a right to any redacted information, JEA will notify the Company that such an assertion has been made. It is the Company's responsibility to respond to the requestor to assert that the information in questions is exempt from disclosure under applicable law. If JEA becomes subject to a demand for discovery or disclosure of the redacted information under legal process, JEA shall give the Company prompt notice of the demand prior to releasing the redacted information (unless otherwise prohibited by applicable law). The Company shall be responsible for defending its determination that the redacted portions of the information are not subject to disclosure.

Indemnification for Redacted Information

The Company shall protect, defend, and indemnify JEA from and against all claims, demands, actions, suits, damages, liabilities, losses, settlements, judgments, costs, and expenses (including but not limited to reasonable

attorney's fees and costs) arising from or relating to the Company's assertion that all or any portion of its information is not subject to disclosure.

Public Records Clause for Service Contracts

If, under the Contract, the Company is providing services and is acting on behalf of JEA as contemplated by subsection 119.011(2), Florida Statutes, the Company shall:

- I. Keep and maintain public records that ordinarily and necessarily would be required by JEA in order to perform service;
- II. Provide the public with access to public records on the same terms and conditions that JEA would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or otherwise prohibited by law;
- III. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and
- IV. Meet all requirements for retaining public records and transfer, at no cost, to JEA all public records in possession of the Company upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically shall be provided to JEA in a format that is compatible with the information technology systems of JEA.

IF THE COMPANY HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE COMPANY'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

JEA

Attn: Public Records

225 North Pearl Street

Jacksonville, Florida 32202

Ph: 904-665-8606

publicrecords@jea.com

2.125. INTELLECTUAL PROPERTY

The Company grants to JEA an irrevocable, perpetual, royalty free and fully paid-up right to use (and such right includes, without limitation, a right to copy, modify and create derivative works from the subject matter of the grant of the right to sublicense all, or any portion of, the foregoing rights to an affiliate or a third party service provider) the Company's intellectual property including, without limitation, all trade secrets, patents, copyright and know-how ("Intellectual Property"), that is contained or embedded in, required for the use of, that was used in the production of or is required for the reproduction, modification, maintenance, servicing, improvement or continued operation of any applicable unit of Work.

If the Work contains, has embedded in, requires for the use of any third-party Intellectual Property, or if the third party Intellectual Property is required for the reproduction, modification, maintenance, servicing, improvement or continued operation of the Work, the Company shall secure for JEA an irrevocable, perpetual, royalty free and fully paid-up right to use all third party Intellectual Property. The Company shall secure such right for JEA at the Company's expense and prior to incorporating any third party Intellectual Property into any Work, including, without limitation, all drawings or data provided under the Contract, and such right must include, without limitation, a right to copy, modify and create derivative works from the subject matter of the grant of the right and a right to sublicense all or any portion of the foregoing rights to an affiliate or a third party service provider.

The Company will, at its expense, defend all claims, actions or proceedings against JEA based on any allegation that the Work, or any part of the Work, constitutes an infringement of any patent or any other intellectual property right, and will pay to JEA all costs, damages, charges, and expenses occasioned to JEA by reason thereof. JEA will give the Company written notice of any such claim, action or proceeding and, at the request and expense of the Company, JEA will provide the Company with available information, assistance, and authority for the defense.

If, in any action or proceeding, the Work, or any part thereof, is held to constitute an infringement, the Company will, within 30 days of notice, either secure for JEA the right to continue using the Work or will, at the Company's expense, replace the infringing items with non-infringing Work or make modifications as necessary so that the Work no longer infringes.

The Company will obtain and pay for all patent and other intellectual property royalties and license fees required in respect of the Work.

2.126. WORK MADE FOR HIRE

With the exception of Company's pre-existing intellectual capital and third-party Intellectual Property, JEA shall own all right, title and interest, including ownership of copyright (limited to the extent permitted by the terms of any governing licenses), in and to any product generated by the Work including, but not limited to, software, source code, reports, deliverables, or work product developed by the Company for JEA in connection with the Work, and derivative works relating to the foregoing. Such Work shall include, but shall not be limited to, those reports and deliverables specified in the Contract Documents. The Company understands and agrees that the Work, or any portion of the Work, shall be a "work made for hire" for JEA pursuant to federal copyright laws. Any software, report, deliverable, or work product as used in connection with the Work, but previously developed by the Company specifically for other customers of the Company or for the purpose of providing substantially similar services to other Company customers, generally shall not be considered "work made for hire", so long as the foregoing are not first conceived or reduced to practice as part of the Work. To the extent any of JEA deliverables are not deemed works made for hire by operation of law, the Company hereby irrevocably assigns, transfers, and conveys to JEA, or its designee, without further consideration all of its right, title and interest in such Work, including all rights of patent, copyright, trade secret, trademark, or other proprietary rights in such materials. Except as provided in the foregoing sentences, the Company acknowledges that JEA shall have the right to obtain and hold in its own name any intellectual property right in and to the Work. The Company agrees to execute any documents or take any other actions as may reasonably be necessary, or as JEA may reasonably request, to perfect or evidence JEA's ownership of the Work.

2.127. PROPRIETARY INFORMATION

The Company shall not copy, reproduce, or disclose to third parties, except in connection with the Work, any information that JEA furnishes to the Company. The Company shall insert in any subcontract a restriction on the use of all information furnished by JEA. The Company shall not use this information on another project. The Company shall return all information furnished by JEA upon completion of the Work. Upon request of JEA, Company must certify in writing that all information furnished to JEA has been returned to JEA and eliminated from Company's and any applicable subcontractors' computer systems.

2.128. PATENTS AND COPYRIGHTS

Company shall hold harmless and indemnify JEA from and against liability or loss, including but not limited to any claims, judgments, court costs and attorneys' fees incurred in any claims, or any pretrial, trial or appellate proceedings on account of infringements of patents, copyrighted or uncopyrighted works, secret processes, trade secrets, trademarks, patented or unpatented inventions, articles or appliances, or allegations thereof, pertaining to the Work, or any part thereof, combinations thereof, processes therein or the use of any tools or implements used by Company.

Company will, at its own expense, procure for JEA the right to continue use of the Services, parts or combinations thereof, or processes used therein resulting from a suit or judgment on account of patent, trademark or copyright infringement.

If, in any such suit or proceeding, a temporary restraining order or preliminary injunction is granted, Company will make every reasonable effort, by giving a satisfactory bond or otherwise, to secure the suspension of such restraining order or temporary injunction.

If, in any such suit or proceeding, any part of the Services is held to constitute an infringement and its use is permanently enjoined, Company will, at once, make every reasonable effort to secure for JEA a license, authorizing the continued use of the Work. If Company fails to secure such license for JEA, Company will replace the Work with non-infringing Work, or modify the Work in a way satisfactory to JEA, so that the Work are non-infringing.

2.129. MEETINGS AND PUBLIC HEARINGS

The Company will, upon request from JEA, attend all meetings and public hearings as directed by JEA.

2.130. PUBLICITY AND ADVERTISING

The Company shall not take any photographs, make any announcements, or release any information concerning the Contract or the Work to any member of the public, press or official body unless prior written consent is obtained from JEA.

2.131. NONDISCRIMINATION

The Company represents that it has adopted and shall maintain throughout the Term a policy of nondiscrimination against employees or applicants for employment on account of race, religion, sex, color, national origin, age or handicap, in all areas of employee relations. The Company shall, on written request from JEA, allow JEA reasonable access to the Company's records of employment, employment advertisement, application forms and other pertinent data and records for the purpose of investigation to ascertain compliance with the nondiscrimination provisions of the Contract; provided however, the Company shall not be required to produce, for inspection, records covering periods of time more than one year from the effective date of the Contract.

The Company shall comply with the following:

1. The provisions of Presidential Order 11246, as amended, and the portions of Executive Orders 11701 and 11758 as applicable to Equal Employment Opportunity;
2. The provisions of section 503 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA); and
3. The provisions of the Employment and Training of Veterans Act, 38 U.S.C. 4212 (formerly 2012).

The Company agrees that if any of the Work of the Contract will be performed by a Subcontractor, then the provisions of this subsection shall be incorporated into and become a part of the subcontract.

2.132. PROHIBITED FUTURE EMPLOYMENT

It shall be unlawful and a class C offense for any person, who was an officer or employee of JEA, after his or her employment has ceased, to be employed by or enter into any contract for personal services, with a person or company who contracted with, or had a contractual relationship with JEA, while the contract is active or being completed, or within two years of the cessation, completion, or termination of the person's or company's contractual relationship with JEA, where (1) the contract with JEA had a value that exceeded \$250,000, and (2) the officer or employee had a substantial and decision-making role in securing or negotiating the contract or contractual relationship, or in the approval of financial submissions or draws in accordance with the terms of the contract; except that this prohibition shall not apply to an employee whose role is merely as a review signatory, or to contracts entered into prior to January 1, 2008, or to contracts that have been competitively procured. With respect to this subsection a contract is competitively procured if it has been obtained through a sealed low bid award. A "substantial and decision-making role" shall include duties and responsibilities that are collectively associated with: (i) approving solicitation or payment documents; (ii) evaluating formal bids and responses; and (iii) approving or issuing award recommendations for JEA Awards Committee approval. The contract of any person or business entity who hires or contracts for services with any officer or employee prohibited from entering into said relationship shall be voidable at the pleasure of JEA. This prohibition shall not apply to any former officer or employee after two years from cessation from JEA employment.

2.133. HIRING OF OTHER PARTIES EMPLOYEES

Each party recognizes that the other party has incurred or will incur significant expenses in training its own employees and agrees that it will not pursue or hire, without the other party's consent, the other party's employees, or the employees of its subsidiaries for a period of two years from the termination date of this Agreement. It shall not be considered a breach of this Section for either party to make employment solicitations to the general public or groups that may include employees of the other party. Nor shall it be considered a breach of this Section for either party to respond to, act upon, or accept inquiries and applications resulting from, or make offers of employment resulting from, (i) such solicitations to the general public or groups or (ii) unsolicited employment inquiries or applications.

2.134. COMPANY'S LABOR RELATIONS

The Company shall negotiate and resolve any disputes between the Company and its employees, or anyone representing its employees. The Company shall immediately notify JEA of any actual or potential labor dispute that may affect the Work and shall inform JEA of all actions it is taking to resolve the dispute.

2.135. PERSONNEL AND CHANGES IN COMPANY'S PROFESSIONAL PERSONNEL

Unless otherwise agreed in writing by the parties, all Services shall be rendered by employees: (a.) who are full time employees of Company or approved subcontractors; (b.) qualified to perform the Services, and (c.) fluent in the English language. Subsequent to the execution of this Contract, Company shall notify the JEA Project Manager in writing prior to making changes in professional personnel assigned, or to be assigned, as provided in Company's Response to manage, or perform Work under this Contract. The JEA Project Manager shall have the right to reject any personnel assigned by Company to perform work under this Contract. If the right of rejection is exercised by the JEA Project Manager, Company shall submit replacement of professional personnel to the JEA Project Manager for approval. The JEA Project Manager shall have the right to require the removal of Company's previously assigned personnel and Company shall promptly replace the same, subject to the JEA Project Manager's approval at no cost to JEA.

2.136. AMBIGUOUS CONTRACT PROVISIONS

The Contract will be the subject of meaningful analysis and discussions of the specifications, terms and conditions contained in the Contract. Therefore, doubtful, or ambiguous provisions, if any, contained in the Contract shall not be construed against the party who physically prepared the Contract.

2.137. AMENDMENTS

The Contract shall not be altered or amended except in a written amendment executed by duly authorized representatives of JEA and the Company.

2.138. APPLICABLE STATE LAW; VENUE; SEVERABILITY

Company shall comply with all applicable federal, state, and local laws, rules, and regulations as the same exist or as may be amended from time to time. The rights, obligations and remedies of JEA and the Company as specified under the Contract will be interpreted and governed in all respects exclusively by the laws of the State of Florida without giving effect to the principles of conflicts of laws thereof. Should any provision of the Contract be determined by the courts to be illegal or in conflict with any law of the State of Florida, the validity of the remaining provisions will not be impaired. Litigation involving the Contract, or any provision thereof shall take place in the State or Federal Courts located exclusively in Jacksonville, Duval County, Florida.

With regard to any provision in this agreement pertaining to damages, equitable or otherwise, under no circumstances shall there be recovery by the Company for home office overhead. Any damages claimed shall be proven by discreet accounting of direct project costs and no theoretical formula or industry estimating reference manuals shall be permissible.

2.139. APPLICABLE WATER AND SEWER STANDARDS, DETAILS AND MATERIALS

All Work shall be done in accordance with the latest version JEA Water and Sewer Standards, Details and Materials. The JEA Water and Sewer Standards, Details and Materials manual may be obtained from jea.com.

2.140. CONTINUING SERVICES

The Company shall carry on the Work and maintain the progress schedules during disputes or disagreements with JEA. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as JEA and Company may otherwise agree in writing. Suspension of the Work or portion thereof by Company shall entitle JEA to terminate the Contract for Default

2.141. COMPLIANCE WITH JSEB REQUIREMENTS

The Company shall achieve the JSEB participation requirements as set forth in the Solicitation, except as allowed under the good faith efforts exception as defined in the City of Jacksonville Ordinance. In no case shall the Company make changes to the JSEB firms listed in its Response, revise the JSEB Scope of Work or Dollar Amount of Work as stated in its Response without prior written notice to the JEA Project Manager and JEA Manager Supplier Diversity Programs.

The City of Jacksonville requirements, as outlined in the City of Jacksonville Ordinance relating to JSEBs, shall apply in their entirety to this Contract. Where the City of Jacksonville ordinance refers to "Chief", it shall be construed to mean, for purposes of this Contract, JEA's Chief Procurement Officer. In a like manner, where it refers to "City", or "City of Jacksonville", it shall be construed to mean JEA.

Use of brokering, as defined in the City of Jacksonville Ordinance, or other techniques that do not provide a commercially useful function are strictly prohibited as means of achieving the JSEB participation requirements of the Contract.

Only the amount of fees or commissions charged by a JSEB for providing a bona fide service such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a contract shall be counted towards a JSEB participation requirement, provided the fee is reasonable and not excessive as compared with fees customarily charged for similar services.

Payment terms for participating JSEB firms shall be the same or better than the payment terms the Company receives from JEA, except that in all cases JSEB firms shall be allowed to submit invoices to the Company at least bimonthly, and the Company shall pay proper invoices no later than 3 days after its receipt of JEA payment. The Company shall obtain written approval from the JEA Project Manager and JEA Manager Supplier Diversity Programs prior to withholding any payment from the JSEB firm.

Any solicitation award with a JSEB participation requirement may be subject to contract compliance per the details outlined on the List of Subcontractors Form. The Company will be required to self-report all payments made to the JSEB Subcontractors. Reporting of Diverse Subcontractors (Tier 2 and Tier 3) shall be optional. The payment data will be entered into the B2Gnow JSEB Compliance & Diversity Outreach System (JCDOS) located at the following website: <https://jea.gob2g.com/>. This system tracks contract payments made by the Company to any subcontractor (i.e. JSEB or Diverse Business), the timeliness of those payments and the payments JEA makes to the Company.

The Company is required to submit the monthly payments made to the JSEB Subcontractors and has the option to include the Diverse Subcontractors (Tier 2 and Tier 3) by the audit date of the 30th of each month, for the life of the contract and respond to any requests for information within the B2Gnow JSEB Compliance & Diversity Outreach System (JCDOS). The JCDOS must be checked frequently.

The successful Company, JSEB Subcontractors and Diverse Subcontractors will be provided with access information for the JCDOS post the contract award. B2Gnow provides vendor training, and additional information can be obtained by contacting JEA's Manager Supplier Diversity Programs.

The Company agrees to let JEA audit its financial and operating records with one day of notice, and during normal business hours, at its corporate offices for the purpose of determining compliance with all JSEB participation requirements of the Contract Documents.

If the Company violates any provision regarding JSEB, including, but not limited to, program intent, the Company shall be subject to any or all of the following, plus any other remedies available to JEA under law:

- I. Terminate the Contract for default
- II. Suspend the Respondent from bidding any JEA projects as follows:
 - A. First offense: six months
 - B. Second offense: one year
 - C. Third offense: three year
- III. Revoke Respondent's JSEB Certification if the Respondent itself is certified as a JSEB.

2.142. COMPLIANCE WITH REFERENCED SPECIFICATIONS

All Work, materials, systems, or operations specified by reference to standard trade specifications or to manufacturer's published specifications shall comply with the requirements of the referenced specifications, except as modified by the requirements of the Contract Documents. The referenced specification used shall be the latest published edition that is in effect on the effective date of this Contract unless a particular edition is specified. In case of a conflict, the specifications that contain the more stringent requirements will govern.

2.143. CUMULATIVE REMEDIES

Except as otherwise expressly provided in the Contract, all remedies provided for in the Contract shall be cumulative and in addition to and not in lieu of any other remedies available to either party at law, in equity or otherwise.

2.144. DISPUTE

Per the JEA Procurement Code, if a dispute occurs between JEA and the Company over a contractual issue that cannot be mediated by the JEA Representative the dispute may be taken to court for resolution.

2.145. ENTIRE AGREEMENT

The Contract constitutes the entire agreement between the parties. No statement, representation, writing, understanding, or agreement made by either party, or any representative of either party, which are not expressed herein shall be binding.

2.146. EXPANDED DEFINITIONS

Unless otherwise specified, words importing the singular include the plural and vice versa and words importing gender include all genders. The term "including" means "including without limitation", and the terms "include", "includes" and "included" have similar meanings. Any reference in the Contract to any other agreement is deemed to include a reference to that other agreement, as amended, supplemented, or restated from time to time. Any reference in the Contract to "all applicable laws" or "all applicable laws, rules and regulations" means all federal, state, and local laws, rules, regulations, ordinances, statutes, codes and practices.

2.147. HEADINGS

Headings appearing herein are inserted for convenience or reference only and shall in no way be construed to be interpretations of text.

2.148. INDEPENDENT CONTRACTOR

Company is performing the Contract as an independent contractor and nothing in the Contract will be deemed to constitute a partnership, joint venture, agency, or fiduciary relationship between JEA and Company. Neither Company nor JEA will be or become liable or bound by any representation, act, or omission of the other.

2.149. LANGUAGE AND MEASUREMENTS

All communication between the Company and JEA, including all documents, notes on drawings, and submissions required under the Contract, will be in the English language. Unless otherwise specified in the Contract, the US System of Measurements shall be used for quantity measurement. All instrumentation and equipment will be calibrated in US System of Measures.

2.150. NEGOTIATED CONTRACT

Except as otherwise expressly provided, all provisions of the Contract shall be binding upon and shall inure to the benefit of the parties, their legal representatives, successors and assigns. The parties agree that they have had meaningful discussion and negotiation of the provisions, terms and conditions contained in the Contract. Therefore, doubtful, or ambiguous provisions, if any, contained in the Contract shall not be construed against the party who physically prepared the Contract.

2.151. NONEXCLUSIVE

Notwithstanding anything contained herein that may appear to be the contrary, the Contract is "non-exclusive" and JEA reserves the right, in its sole discretion, to retain other companies to perform all or any portion of the Work, and JEA may self-perform all or any portion of the Work itself.

2.152. REFERENCES

Unless otherwise specified, each reference to a statute, ordinance, law, policy, procedure, process, document, drawing, or other informational material is deemed to be a reference to that item, as amended or supplemented from time to time.

2.153. RIGHT TO AUDIT AND FINANCIAL REPORTING

Accounting System

The Company shall establish and maintain a reasonable accounting system that enables JEA to readily identify the Company's assets, expenses, cost of goods, and use of funds.

Audited Financial Statements

The Company shall provide to JEA audited financial statements for its most recent fiscal year not later than five days after receipt of written request from JEA.

Content and Retention of Records

The Company's records shall include, but not be limited to, accounting records; written policies and procedures; subcontract files (including proposals of successful and unsuccessful Respondents, bid recaps, etc.); all paid vouchers including those for out-of-pocket expenses; invoices as support for other reimbursement; ledgers; cancelled checks; deposit slips; bank statements; journals; original estimates; estimating work sheets; contract amendments and change order files; back-charge logs and supporting documentation; insurance documents; payroll documents; timesheets; memoranda; and correspondence. Company shall, at all times during the term of the Contract and for a period of five years after the completion of the Contract, maintain such records, together with such supporting or underlying documents and materials.

Inspection /Audit of Records

Upon JEA's request, the Company shall allow JEA to audit, to examine, and to make copies of or extracts from its financial and operating records (in whatever form they may be kept, whether written, electronic, or other) kept by the Company, its employees, agents, assigns, successors, and subcontractors, for the purpose of determining invoice accuracy, or otherwise assessing compliance with the Contract Documents.

The Company shall at any time requested by JEA, whether during or after completion of the Contract, and at Company's own expense make such records available for inspection and audit (including copies and extracts of records as required) by JEA. Such records shall be made available to JEA during normal business hours at the Company's office or place of business in a workspace suitable for the audit on three days' prior written notice. In the event that no such location is available, then the financial records, together with the supporting or underlying documents and records, shall be made available for audit at a time and location that is convenient for JEA. The Company shall have knowledgeable personnel available to answer questions for the auditors during the time they are performing the audit and for a period of two weeks thereafter. Company shall ensure JEA has these rights with Company's employees, agents, assigns, successors, and subcontractors, and the obligations of these rights shall be explicitly included in any subcontracts or agreements formed between the Company and any subcontractors to the extent that those subcontracts or agreements relate to fulfillment of the Company's obligations to JEA.

Cost of Audits

If the audit identifies (i) overpricing or overcharges of any nature by the Company to JEA in excess of one-half of one percent (.5%) of the total billings under the Contract at the time of the audit or (ii) fraud, misrepresentation or non-performance, the Company shall reimburse JEA for the total costs of the audit.

Billing Adjustments and Recoveries

The Company shall pay JEA all amounts identified as owing to JEA as a result of any such audit or inspection of the Company's invoices and records no later than 90 days after the Company's receipt of JEA's findings.

City of Jacksonville Office of the City Council Auditor

A Company providing contractual services purchased by JEA agrees and be deemed to have agreed by virtue of doing business under contract with JEA to be subject to audit upon request by the Office of the City Council Auditor pursuant to Article 5 of the JEA Charter.

2.154. SAFETY AND PROTECTION PRECAUTIONS

The Company shall comply with all applicable federal, state, and local laws, ordinances, all JEA procedures and policies including, but not limited to, JEA's Contractor Safety Management Process (available at JEA.com), and orders of any public body having jurisdiction for the safety of persons or protection of property. The Company understands and agrees that a violation of any provision of this Section e is grounds for an immediate termination of the Contract for default, with no requirement for JEA to provide Company with advanced notice and opportunity to cure. Additionally, the Company shall be responsible for all JEA damages associated with such termination.

The Company shall only use those Subcontractors who have met JEA Safety Prequalification requirements in the JEA Contractor Safety Management Process. The Company shall ensure that Subcontractors and their personnel have all the necessary personal protective equipment and training needed to perform the Work safely.

The Company understands and agrees that JEA Representatives may stop Work at any time that JEA, at its sole discretion, considers the Company's Work to be unsafe or a risk to person or property, and to direct the Company to, at a minimum, perform as directed in such a way as to render the Work environment safe. The Company understands and agrees that it is responsible for paying all costs associated with providing a safe work environment including, but not limited to, any costs associated with any JEA directed safety improvements. The Company also understands and agrees that it is solely responsible for the safety of personnel and property associated with the Work, and that any actions taken by JEA to prevent harm to persons or damage to equipment does not, in any way, relieve the Company of this responsibility.

The Company Representative, or alternatively, the Company Supervisor, shall be designated as the Company's representative responsible for the prevention of accidents.

If the nature of the Work requires, the Company shall notify the police and fire departments as to its Work Location in order to ensure prompt response in an emergency.

Finally, the Company represents and warrants to JEA that it has the capacity to train and supervise its employees, Subcontractors, and suppliers to ensure the Work complies with all safety requirements of the Contract Documents. The Company shall be responsible for executing the necessary safety training and supervision of its employees and Subcontractors and acknowledges that JEA is not responsible for training or supervising the Company's employees, except when noted for the purpose of enforcing compliance with these safety requirements.

2.155. SUBCONTRACTING AND ASSIGNMENT

The Company shall not subcontract, assign, delegate, or otherwise dispose of the Contract, the duties to be performed under the Contract, or the monies to become due under the Contract without JEA's prior written consent.

The assignment of the Contract will not relieve the Company of any of its obligations until such obligations have been assumed in writing by the assignee. If the Contract is assigned by either of the parties, it will be binding upon and will inure to the benefit of the permitted assignee. The Company shall be liable for all acts and omissions of its assignees and its Subcontractors.

In the event the Company obtains JEA approval to use Subcontractors, the Company shall provide Subcontractors possessing the skills, certifications, registrations, licenses, training, tools, demeanor, motivation, and attitude to successfully perform the Work for which they are subcontracted. The Company shall remove Subcontractors from performing Work under the Contract when the Company recognizes that a Subcontractor is failing to work in a manner consistent with the requirements of the Contract, or when JEA notifies the Company, that JEA has determined a Subcontractor is failing to work in a manner consistent with the requirements of the Contract.

2.156. SURVIVAL

The obligations of JEA and the Company under the Contract that are not, by the express terms of the Contract, to be performed fully during the Term, shall survive the termination of the Contract.

2.157. TIME AND DATE

Unless otherwise specified, references to time of day or date mean the local time or date in Jacksonville, FL. If under the Contract any payment or calculation is to be made, or any other action is to be taken, on or as of a day that is not a regular business day for JEA, that payment or calculation is to be made, and that other action is to be taken, as applicable, on or as of the next day that is a regular business day. Where reference is made to day or days, it means calendar days. Where reference is made to workday, workdays, business day, or business days, it means regular working days for JEA's Procurement department.

2.158. TIME OF ESSENCE

For every material requirement of the Contract, time is of the essence.

2.159. TITLE TO MATERIALS FOUND

JEA shall retain the title to water, mineral matter, timber, and any other materials that the Company, or its Subcontractors, encounters during the excavation or other operations of the Work. The Company shall use or dispose of this material in accordance with the Contract or written instructions from the Contract Administrator. Any materials found in the excavation, or other operations of the Company, that are of archaeological or historical value shall be left in place. The Company shall immediately notify JEA of the find and shall take no further action until directed by JEA.

2.160. USE OF CONTRACTS BY THE CITY OF JACKSONVILLE

Where the City of Jacksonville's or its other independent agencies' or political subdivisions' procurement codes all use of JEA contracts, the Company agrees to extend any pricing and other contractual terms to such entities

2.161. WAIVER OF CLAIMS

A delay or omission by JEA to exercise any right or power under the Contract shall not be construed to be a waiver thereof. A waiver by JEA under the Contract shall not be effective unless it is in writing and signed by the party granting the waiver. A waiver by a party of a right under or breach of the Contract shall not be construed to operate as a waiver of any other or successive rights under, or breaches of, the Contract.

The Company's obligations to perform and complete the Work in accordance with the Contract shall be absolute. None of the following will constitute a waiver of any of JEA's rights under the Contract: approval of payments, including final payment; Certificate of Contract Completion; any use of the Work by JEA; nor any correction of faulty or defective work by JEA.

3. ADDITIONAL CONTRACT TERMS

3.1. ADDITIONAL CONTRACT TERMS - REQUIRED FEDERAL CONTRACT CLAUSES

In the event any portion of the Work is funded through a federal funding source, the following Required Federal Contract Clauses shall apply to Company's performance under this Contract. This Section 4 includes contract clauses that amend, delete, or modify other provisions of this Contract. All contract clauses that are not so amended, deleted, or modified shall remain in full force and effect. To the extent of any conflict between the contract clauses set forth in this Section 4, and other contract clauses set forth herein, the contract clauses of this Section shall

govern. Unless otherwise defined below, capitalized terms shall have the meaning assigned to them in Section 2 above.

3.2. EQUAL EMPLOYMENT OPPORTUNITY (FEMA & GRANTS)

During the performance of this contract, the Company agrees as follows:

- 1) The Company will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The Company will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Company agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- 2) The Company will, in all solicitations or advertisements for employees placed by or on behalf of the Company, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 3) The Company will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the Company's legal duty to furnish information.
- 4) The Company will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Company's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 5) The Company will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 6) The Company will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- 7) In the event of the Company's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Company may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- 8) The Company will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The

Company will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a Company becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the Company may request the United States to enter into such litigation to protect the interests of the United States.

3.3. COMPLIANCE WITH THE DAVIS-BACON ACT

- 1) To the extent required under applicable Federal program legislation, all transactions regarding this contract shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29 C.F.R. pt. 5 as may be applicable. The Company shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable.
- 2) The Company shall be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.
- 3) The Company shall be required to pay wages not less than once a week.

3.4. COMPLIANCE WITH THE COPELAND "ANTI-KICKBACK" ACT

- 1) Company. The Company shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this Contract.
- 2) Subcontracts. The Company or subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Company shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- 3) Breach. A breach of the contract clauses above may be grounds for termination of the Contract, and for debarment as a Company and subcontractor as provided in 29 C.F.R. § 5.12.

3.5. COMPLIANCE WITH THE CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

- 1) Overtime requirements. No Company or subcontractor contracting for any part of the Work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- 2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the Company and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Company and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.
- 3) Withholding for unpaid wages and liquidated damages. JEA or the federal agency providing funds under this Contract shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Company or subcontractor under any such contract or any other Federal contract with the same prime Company, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Company, such sums as may be determined to be necessary to satisfy any liabilities of such Company or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
- 4) Subcontracts. The Company or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Company shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

3.6. CLEAN AIR ACT

- 1) The Company agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- 2) The Company agrees to report each violation to the JEA and understands and agrees that the JEA will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- 3) The Company agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

3.7. FEDERAL WATER POLLUTION CONTROL ACT

- 1) The Company agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- 2) The Company agrees to report each violation to JEA and understands and agrees that JEA will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- 3) The Company agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

3.8. SUSPENSION AND DEBARMENT

- 1) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the Company is required to verify that none of the Company's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- 2) The Company must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- 3) This certification is a material representation of fact relied upon by JEA. If it is later determined that the Company did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to JEA, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- 4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

3.9. DOMESTIC PREFERENCES

To the extent consistent with applicable law, and to the greatest extent practicable, the purchase, acquisition, or use by Company of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products) is preferred for materials being used in the performance of Work under this Contract.

- a) For purposes of this section:
 - 1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
 - 2) "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

3.10. PROHIBITION ON CERTAIN TELECOM AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

No funds may be expended under this Contract to:

- 1) Procure or obtain;
- 2) Extend or renew a contract to procure or obtain; or

- 3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. For the purposes of this section, “covered telecommunications equipment” is defined as:
- i. Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);
 - ii. For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);
 - iii. Telecommunications or video surveillance services provided by such entities or using such equipment; or
 - iv. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

3.11. LICENSE AND DELIVERY OF WORKS SUBJECT TO COPYRIGHT AND DATA RIGHTS

The Company grants to JEA, a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, the Company will identify such data and grant to JEA or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography, pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, the Company will deliver to JEA data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by JEA.

3.12. BYRD ANTI-LOBBYING AMENDMENT, 31 U.S.C. § 1352 (AS AMENDED)

By the execution of this agreement the Company certifies that for Contracts in the amount of one hundred thousand dollars (\$100,000.00) or more, as required under 31 U.S.C. § 1352 that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. The Company shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures shall be forwarded to JEA, who in turn will forward the certification(s) to the Federal awarding agency. By execution of this Contract, the Company certifies the following:

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Company, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Company understands and agrees that the provisions of 31 U.S.C. Chap.38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

3.13. PROCUREMENT OF RECOVERED MATERIALS

- 1) In the performance of this contract, the Company shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—
 - a) Competitively within a timeframe providing for compliance with the contract performance schedule;
 - b) Meeting contract performance requirements; or
 - c) At a reasonable price.
- 2) Information about this requirement, along with the list of EPA- designated items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.
- 3) The Company also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

3.14. ACCESS TO RECORDS

The following access to records requirements apply to this contract:

- 1) The Company agrees to provide JEA the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Company which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
- 2) The Company agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- 3) For FEMA-funded contracts, the Company agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.
- 4) For FEMA-funded contracts, in compliance with the Disaster Recovery Act of 2018, JEA and the Company acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

3.15. DHS SEAL, LOGO, AND FLAGS

The Company shall not use the Department of Homeland Security (DHS) seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

3.16. NO OBLIGATION BY FEDERAL GOVERNMENT

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, Company, or any other party pertaining to any matter resulting from the contract.

3.17. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS

The Company acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Company's actions pertaining to this contract.

3.18. COMPLIANCE WITH FEDERAL LAW, REGULATIONS, AND EXECUTIVE ORDERS

This is an acknowledgement that FEMA financial assistance or federal grant money will be used to fund the contract only. The Company will comply with all applicable federal law, regulations, executive orders, and FEMA policies, procedures, and directives.

4. TECHNICAL SPECIFICATIONS

4.1. TECHNICAL SPECIFICATIONS

The Technical Specifications are in Appendix A of this Solicitation.

- 1411852047 Appendix A – Drawings Volume 1
- 1411852047 Appendix A – Drawings Volume 2
- 1411852047 Appendix A – Drawings Volume 3
- 1411852047 Appendix A – Historical Addenda A_Summary
- 1411852047 Appendix A – Historical Addenda B_Combined_Annotated
- 1411852047 Appendix A – Historical Addenda C_Attachements Part 1
- 1411852047 Appendix A – Historical Addenda C_Attachements Part 2
- 1411852047 Appendix A – Technical Specifications Volume 1
- 1411852047 Appendix A – Technical Specifications Volume 2
- 1411852047 Appendix A – Technical Specifications Volume 3

5. FORMS

5.1. FORMS (APPENDIX B)

Forms required to be submitted with this solicitation are provided in Appendix B or can be obtained on the JEA website at www.jea.com.

- 1411852047 Appendix B – Minimum Qualification Form
- 1411852047 Appendix B – Response Form
- 1411852047 Appendix B – Response Workbook
- 1411852047 Appendix B – Evaluation Matrix (provided for informational purposes only)