APPENDIX A
TECHNICAL SPECIFICATIONS
WASTEWATER ODOR CONTROL CHEMICALS
Solicitation Number 089-18

1. SCOPE OF WORK

JEA intends to enter into a contract for its odor and corrosion control requirements to include necessary chemicals, equipment and services.

The purpose of the program is to reduce hydrogen sulfide levels sufficiently to effectively control odors and corrosion at the control points at the least cost to JEA. Parameters will be set for each system to achieve desired results, including all actions, products, documentation, electronic programs, reports testing, transport, administration, management, services, materials, tools, equipment, and responsibilities to be furnished or performed by the Company under the Contract, together with all other additional necessities that are not specifically recited in the Contract, but can be reasonably inferred as necessary to complete all obligations and fully satisfy the intent of the Contract.

It is the intent of this solicitation to establish a services contract for odor and corrosion control in the collection system including pump stations and force mains of JEA. The successful firm ("Company") will be required to accomplish hydrogen sulfide corrosion and odor control by providing chemicals, equipment and services to JEA in a reliable and professional manner.

2. CONTRACT PRICING

The chemical pricing bid shall be on a per gallon cost basis. The pricing shall include all necessary equipment, testing and maintenance to meet the contract requirements.

This price should include additional equipment, technical services, labor, equipment, outside services and other materials to accomplish the specific goals of this contract unless specifically noted.

3. QUANTITIES

Chemical addition will be done on an as-needed basis at wastewater pump stations throughout JEA. Approved Companies must be able to provide all chemicals and services. There are currently 26 dosing sites in the odor control chemical program. **However, it is understood that JEA is not obligated to purchase any minimum amount of chemical during the duration of this contract.** A list of current sites is included in Appendix A.

JEA reserves the right to expand or contract the above projected number for additional areas that may have a requirement for this service.

JEA reserves the right to work with various vendors and chemicals as needed to test products and optimize the wastewater odor control chemical system.

4. CHEMICAL DOSING

The Company is responsible for furnishing, operating and maintaining complete chemical storage and feed systems including all piping and appurtenances. See Equipment Standards Section 15.

The Company is responsible for the collection of sulfide data as applicable throughout JEA and provide recommendations to JEA to meet specified objectives; however, JEA reserves the right to change the dose location or rate to any site at any time. If JEA elects to have the Company change rates, the Company must respond within two hours and have the capability to change the dosing profiles remotely to the level JEA wishes. JEA may decide to have personnel present during these adjustments to confirm the changes, and the Company must accommodate JEA's schedule to accomplish this.

Existing Odor Control

5. GUARANTEE

All chemicals provided shall be guaranteed to be of the highest quality and conform to the criteria set forth in the Technical Specifications. Each chemical delivery must be accompanied with product certification that meets the specifications presented in Sections 17-20.

JEA, at any time, may collect a sample of any delivered chemical product and have it analyzed to confirm the product and strength meet the contract requirements. If the product does not meet the contract requirements, it shall immediately be removed from the site and replaced with a product that meets the contract requirements. Costs for sample analysis of unsatisfactory product, and any subsequent sampling analyses shall be paid for by the chemical supplier at no cost to JEA until the Supplier successfully demonstrates that the delivered product meets the contract requirements. If any delivered product does not meet the contract requirements, it may be grounds for termination.

6. CHEMICAL DELIVERIES

All chemical deliveries shall be arranged and scheduled by the Company to prevent chemical storage tanks from running empty and/or the interruption of odor and corrosion control services.

The Company must show evidence of having two (2) hydrogen peroxide "straight trucks". Both trucks must be permanently located in the City of Jacksonville.

Hydrogen peroxide deliveries shall only be made with a "straight" truck, capable of maneuvering in and out of typical JEA lift stations and residential areas. Deliveries by tanker trucks are not acceptable. In addition, in case of mechanical failure of delivery truck, a backup straight truck must be used. Both trucks must be permanently located in the City of Jacksonville. A backup truck must be available within three hours of a missed delivery due to a mechanical failure of the base delivery vehicle. **Submittals of truck specifications, including pictures of both vehicles, must be submitted prior to contract execution for evaluation by JEA**.

Each truck must be capable of pumping out product from tanks in case of emergency.

Chemical delivery trucks must be equipped with certified metering devices that tabulate chemical dispersed. Printed meter tickets must include date, dosing site and delivery amount.

Chemical billing by the Company shall include copies of meter tickets or certified weight tickets for verification and confirmation of deliveries made. However, invoicing by the company must match the certified weight ticket accompanying the Bill of Lading.

The Company shall have a minimum of two (2) separate hydrogen peroxide transloading facilities within 250 miles from 21 West Church Street, Jacksonville, FL. 32202 which chemicals can be shipped to JEA sites. **The Company must submit a list of suppliers and their chemical transloading facilities prior to contract execution**. Two (2) suppliers / manufacturers of hydrogen peroxide must have rail car tanks stationed for offloading at the Jacksonville facility to minimize the possibility of any interruption in chemical supply.

The Company must have an employee present to supervise and ensure safety procedures are being complied with at each unloading site.

In case of an immediate need for chemicals, the Company must be capable of chemical delivery within 12 hours of notice**. The Company must submit a plan of action prior to contract execution**.

In case of an emergency, five (5) employees of the Company must be available for assistance. Two of the five must be capable of responding immediately (<1 hour) and the others within two (2) hours.

Existing Odor Control

Names, addresses and emergency numbers of the five respondents must be submitted prior to contract execution.

Ferrous chloride and calcium nitrate deliveries can be made with tanker trucks.

All Company emergency respondents must have a minimum of four (4) years of experience handling and applying the specified chemicals.

JEA reserves the right to analyze any delivered chemical for product quality.

The Company shall provide the name, address and toll-free phone number of the designated Chemical Delivery Coordinator.

Clean up:
The Company shall notify the appropriate JEA personnel in the Environmental Group of any leakage or spillage on JEA property. The Company will be responsible for cleaning up any leakage or spills of the product being delivered from their tanker or truck or during transfer to JEA storage.

7. WEB-BASED REMOTE DOSING SYSTEM MONITORING AND CONTROL

Company must provide and manage all chemical deliveries and chemical feed systems operations for the life of the service agreement to meet the established goals of the odor control program as described below. Management shall include adjustment and control of the metering pumps to optimize chemical usage for H_2S control. JEA shall have access to modify chemical usages remotely.

Hourly dosage profiles are to be developed by Supplier through frequent liquid and vapor sampling at all times of the day in order to optimize chemical use. Unique profiles shall be developed to adjust for seasonal variation and sulfide loading.

Supplier is required to provide a cellular based remote telemetry control computer for continuous monitoring of each of JEA's feed systems such as ChemWatch™ ACS (Advanced Control System) with the following minimum capabilities:

Tank Level monitoring for inventory management, scheduling deliveries and usage verification.

Dosage Control - Must be capable of programming a different dosage for each hour and day with a different 24 hour profile for each day of the week. If JEA receives an odor complaint, Company must be able to adjust 24-hour dosing profile remotely via the internet and on-site in person within 1 hour of notification.

Real Time Alarms - Must have the ability to monitor leak detection in the pump enclosure and the tank secondary containment in addition to flow rate variation, pump failure, excess flow cut off alarm, high tank level, low tank level and loss of source power.

Flow Detection - Each system must be equipped with a pressure sensor to measure the system or pumping pressure. If there is not pumping pressure there is no chemical flow. The control system needs to be able to monitor the pressure and notify Company personnel of problem.

Notification - The system must be capable to send text messages and emails to key personnel of Company and selected JEA personnel to notify them of all high priority alarms.

Data Storage/Recall - Critical data such as tank level shall be kept internally in the PLC memory with the level recorded every fifteen minutes for at least 365 days. Company shall provide a website for JEA to access system operations information (see "Web-Based Access" below). Accessing the Supplier provided website page with color graphical user interface, the level shall be viewed on an x-y chart showing the values and also downloaded in a *.csv or *.txt format to maintain weekly histories. The same shall be accomplished with other measurements (such as flow if a meter is incorporated into the system).

Device shall have the flexibility to incorporate other communication protocols such as MODBUS or PROFIBUS.

Web-Based Access - Company will provide JEA with web based access via a password protected secure VPN to each of the feed systems that shows vital information in a color graphical user interface format such as pump running, system pressure, dosage target and tank level.

Monthly Reports – Company will provide monthly report summaries to JEA showing atmospheric sulfide and aqueous H_2S levels at the monitoring locations and chemical usage at each dosing site and an annual report providing data on monitoring, chemical usage, and equipment maintenance.

8. HYDROGEN SULFIDE MONITORING SERVICES

In order to sufficiently monitor each control point site, the following parameters have been set for wastewater and atmospheric sulfide testing:

The Company shall maintain two (2) local (within 150 mile radius of Jacksonville) technicians for routine wastewater analysis, equipment maintenance, delivery support and other services.

The Company shall have at least one (1) OdaLog for each dosing site with the appropriate hydrogen sulfide range for that site which may be up to 2,000 ppm. Company shall perform required maintenance and calibration to ensure accurate testing.

Each technician employed by the Company shall have a minimum of two (2) years of experience in municipal wastewater analysis.

Sulfide monitoring shall include the following procedures:

- Total liquid sulfide level, mg/L
- Atmospheric hydrogen sulfide level, ppm
- Temperature (Fahrenheit)
- pH value
- Chemical residual, ppm
- 24-hour atmospheric hydrogen sulfide monitoring (7-Day session per month)

Upon request, the technician will assist JEA in conducting resident complaint follow-up.

All wastewater analysis conducted shall be tabulated and submitted in a monthly summary. These reports will include the following:

- Raw data of all aqueous tests performed
- Graphs of 24-hour monitoring sessions
- Year-to-date charts of sulfide levels and chemical dose rates
- Year-to-date charts of chemical usage rates
- On-going Project Summary

- Monthly and YTD Chemical delivery summary

Although not required, due to the large number of dose sites and sample sites, the Company may want to establish a location map in a digital format compatible with JEA's GIS System. The Company may use any software program that has the ability to output .DXF files.

9. CONTROL POINTS

The odor and corrosion program is an evolving process that must be monitored and justified on an on-going basis. Currently, approximately twenty-six dosing points have been designated throughout the JEA system for control of hydrogen sulfide induced odor and corrosion, and a plan must be implemented to examine and record sulfides contained in wastewater streams and in the air in areas surrounding these control points. This plan is to be used for the purpose of providing the most cost-effective and optimized sulfide control program possible to JEA.

10. TECHNICAL SERVICES

As part of the *Liquid Phase Odor and Corrosion Control Service* Program*,* the Company must provide technical assistance to JEA for current and future odor and corrosion projects.

11. SURVEYS

As the JEA'S collection system expands, or pump stations/force mains are rerouted, additional areas in need of hydrogen sulfide control will become apparent. Each problem area will have to be reviewed by examining system maps, determining system wastewater flow(s), and performing wastewater analysis. This information will be evaluated and recommendations will be made for the most cost-effective and successful sulfide control method for the specific problem area.

Each collection system survey will include the following:

- System map review
- Wastewater analysis, including: total sulfide, atmospheric H2S, pH, and temperature
- 24-hour aqueous wastewater testing session
- 24-hour atmospheric H2S data-logging session
- Additional contributing factors and comments
- A comprehensive report detailing findings, conclusions and recommended course of action

12. DEMONSTRATIONS

If JEA feels it is necessary to test the recommendation of chemical treatment made in a Survey Report, it may choose to have the Company demonstrate the product. To perform such a test, the Company will provide the following services at the contractual price for the chemical:

- Chemical storage tank capable of holding 3-5 days of product. JEA will be responsible for cost of chemical
- Chemical feed system and all appurtenances installed and functioning
- Mobilization and de-mobilization of dosing equipment
- Personnel for wastewater analysis
- Testing of wastewater, including: total sulfide, atmospheric H2S, pH, temperature, chemical residue and 24-hour aqueous and atmospheric testing sessions
- A comprehensive report detailing findings, conclusions and recommendations to proceed or not with permanent installation of equipment

Existing Odor Control

The Company must be able to respond to JEA requests for such assistance promptly due to the nature of odor complaints and the need to appease its constituents. Therefore, the Company must have the ability to have a qualified technician on-site within 24 hours of such a request, and have preliminary recommendations within 96 hours.

13. PROJECT SCOPE

The Company shall provide to JEA complete services as specified herein for continuous hydrogen sulfide odor and corrosion control protection of JEA wastewater collection system structures. These structures include force mains, gravity mains, manholes and pumping station appurtenances.

In providing complete odor and corrosion control services, the Company will be responsible for supplying the following:

- Chemical storage and feed equipment.
- Hydrogen sulfide monitoring services.
- Wastewater analysis.
- Chemical inventory management.
- Chemical feed rate optimization. The Company shall provide on-going optimization of chemical dosage rates.
- Maintenance of chemical dosing equipment. The Company will provide weekly inspections of equipment and perform preventative maintenance as necessary.
- Safety training assistance of JEA personnel. The Company shall provide yearly safety training for specified JEA employees at designated times and locations.
- Assistance in managing resident complaints.
- Monthly chemical usage reports.
- Year to date annualized budget spending.
- Company may need to assist with controlling odors with temporary projects including pigging activities.

14. GENERAL STANDARDS

All work shall be done in accordance with the Technical Specifications as discussed therein.

The Company shall provide competent and qualified personnel to perform the work as required by the Contract documents. The Company shall, at all times, maintain good discipline and order at the site. JEA shall reserve the right to request any personnel supplied by the Company that is not meeting JEA's standards to be removed from servicing this contract.

The Company shall furnish all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, and all other facilities and incidentals necessary for the execution, testing, installation, initial operation and continued performance of the dosing equipment and the accessories for the duration of the Contract. JEA shall be responsible for providing water and electricity at the site.

All materials shall be in excellent working condition. If required by JEA, the Company shall furnish satisfactory evidence as to the kind and quality of materials.

15. EQUIPMENT STANDARDS

The following equipment has been designated as standard for the project:

APPENDIX A
TECHNICAL SPECIFICATIONS (Cont'd)
WASTEWATER ODOR CONTROL CHEMICALS
Solicitation Number 089-18

Existing Odor Control

- All equipment supplied for this contract must be in excellent working condition at all treatment locations shown in Appendix A. A JEA representative will inspect all company-provided equipment and determine its condition for acceptability in terms of safety, Environmental/Regulatory compliance, expected reliability and effectiveness, appearance, and physical fit for the application location.

- **Chemical Storage Tanks:** Hydrogen Peroxide tanks shall be double wall, constructed of polyethylene with special ultraviolet light stabilizers and no titanium or carbon based pigments (Phillips resin or eg.). All fittings must be constructed of stainless steel, and seals must be compatible with product used. Tank shall be equipped with 2" quick connect fill line (stainless steel or aluminum), a 16" combined manway/vent, and be rated for a minimum 11 lbs. per gallon density. Tank shall be properly labeled prior to initial chemical fill.

- All other chemicals must be stored in tanks certified for the particular chemical used at the site and must meet all Local, State, and Federal regulations for the storage of chemicals.

- **Hydrogen Peroxide Pumps:** Two electronic diaphragm pumps shall be provided with stainless steel heads and check valves and output suitable for specified application. Pumps shall be mounted on skids that are easily removed and transported. Both pumps must be capable of receiving a 4-20mA signal and be controlled on an hour-by-hour basis from Web-Based Interface System. Profiling of the dose rates must include the ability to have a separate profile for each day of the week to address any potential industrial flows not present on weekends. The pump setting shall include provisions for communicating the run signal to the local JEA SCADA monitoring system at each application point.

- **Fittings and Piping:** All fittings and piping shall be constructed of 316 stainless steel. Piping shall include anti-siphon valve, pressure regulator, backflow preventer, 100 psi relief valve and pressure gauge. All valves must have seals constructed of Teflon or Viton, and be vented to prevent internal pressure build-up.

- **Wiring:** All wiring and electrical work related to the chemical feed system shall be performed in accordance with the National Electrical Code. Pumps and control panels shall be rated for outdoor use and enclosed in adequately rated NEMA enclosures.

- **Dose Line:** The chemical transport line to the injection point shall be constructed of stainless steel. Any feed points that require force main injection shall be the responsibility of the Company, who will provide a qualified subcontractor for the tapping. The Company will provide the corporation stop necessary for injection into pressurized mains.

- **Eyewash/Shower:** An eyewash/shower capable of providing sufficient emergency water shall be provided.

- **Electrical Supply:** The Company shall be responsible for installation of all electrical supply lines to dosing equipment, including conduit and connection to JEA electrical source. All work performed must be completed by a certified electrician.

- **Pump Enclosure:** All pump and piping assemblies must be completely enclosed to prevent vandalism and tampering. Enclosure must include drain (to wet well or soak pit) in case of leak, or remote leak detection alarm.

- **Remote Tank Monitoring:** The Company must have capability to remotely monitor tank level, loss of power, leak detection, loss of pressure and low chemical level at each site (See Section 8 for details).

Existing Odor Control

- **All chemical addition systems must be in place and capable of safe and effective operation within 30 days of award notification date.**

16. TRENCHING, INJECTION TAPS

Some chemical injection sites may require lengthy dose lines and force main injection. In these instances, the Company will provide at no cost to JEA:

- The dose line
- All necessary fittings
- Injection equipment

JEA will provide:

- Utility line locations
- Dose line trenching
- Force main excavation
- Tapping saddle
- 2" Gate valve reduced to 1" NPT

17. HYDROGEN PEROXIDE, 50%, AQUEOUS SOLUTION

To be a stabilized solution, completely miscible with water or sewage, with the following chemical and physical properties:

Active Oxygen	23.5%
Specific Gravity	1.196 @ 20° C
Density	9.98 lbs./gal @ 20° C
Freezing Point	Minus 52° C

18. FERROUS CHLORIDE, 28-32%, AQUEOUS SOLUTION

To be a concentrated solution of ferrous chloride ($FeCl_2$). It is to be manufactured from high purity materials in an oxidation process using chlorine and ferrous chloride solution with the following chemical and physical properties:

Concentration	28-32% $FeCl_2$
Density	1.14 – 1.33
Insolubles	0.5% max

19. PRI-SC® FERROUS CHLORIDE / HYDROGEN PEROXIDE

PRI-SC™ is a patented process technology; the purchase of the program, as defined as chemicals (hydrogen peroxide and or iron salts), equipment and services at the stated pricing from US Peroxide is inclusive of the cost for and constitutes an implied license to practice the process "Method For Reducing Hydrogen Sulfide Emissions From Wastewater", as described in United States Patent No. 6,773,604 B2 and 7,147,783.

To be a stabilized solution, completely miscible with water or sewage, with the following chemical and physical properties:

APPENDIX A
TECHNICAL SPECIFICATIONS (Cont'd)
WASTEWATER ODOR CONTROL CHEMICALS
Solicitation Number 089-18

Existing Odor Control

PRI-SC® $FeCl_2$

Concentration	28-32% $FeCl_2$
Density	1.14 – 1.33
Insolubles	0.5% max

PRI-SC® H_2O_2

Active Oxygen	23.5%
Specific Gravity	1.196 @ 20° C
Density	9.98 lbs./gal. @ 20° C
Freezing Point	Minus 52° C

20. CALCIUM NITRATE, AQUEOUS SOLUTION

To be a stabilized solution, completely miscible with water or sewage, with the following chemical and physical properties:

Active Oxygen	3.5 lbs. NO_3 per gal.
Specific Gravity	1.2-1.4 @ 20° C
Solubility in water	Complete
pH	Near neutral
% Volatile	60%
Appearance	Clear to light brown liquid

All Chemical deliveries must include a MDS and will be invoiced reflecting the delivery location and amount of chemical delivered in pounds based on weigh scale tickets and shall be submitted to the JEA Project Manager.

21. TRAINING REQUIREMENTS

All personnel delivering items 17 through 20 in the technical specifications shall have all appropriate training as required by the DOT Hazardous Materials Regulation (HMR) (49 CFR 172 Subpart H). Any personnel responding to leaks or spills of these chemicals should have the appropriate level of training as required by OSHA for Hazardous Waste Operations and Emergency Response (HAZWOPER) (29 CFR 1919.120).

APPENDIX A
TECHNICAL SPECIFICATIONS (Cont'd)
WASTEWATER ODOR CONTROL CHEMICALS
Solicitation Number 089-18

Existing Odor Control

Following the first fiscal year of the contract and in each subsequent year, JEA will review market conditions and pertinent JEA contract provisions with the Company and negotiate new pricing, if necessary, based on the following criteria:

- Increase or decrease in chemical usage volume (gallons per day) (greater than or less than 30% usage).
- Increase or decrease in number of chemical feed systems being utilized (greater than or less than 5 stations)

Contract prices for the Work will remain fixed through the first year of the Contract. Chemical price increases or decreases absorbed by the Company by their suppliers will be considered by JEA. The Company must provide chemical industry documentation to support any variances. Each annual request for adjustment must be made within sixty (60) days prior to the expiration of the Anniversary Date of the Contract (10/1/YEAR). If Company fails to submit a timely request, the Company may be denied the increase for the upcoming year.

When a timely request is received, JEA will recognize the price adjustment within thirty (30) days after the Anniversary Date. No retroactive price adjustments will be allowed. In no event shall the annual price adjustment exceed five percent (5%) of the prior year's cost/gallon rate.

If the Company and JEA fail to agree on an annual adjustment, the Contract shall terminate 90 days following the end of the then current fiscal year.

DOSE SITE	CONTROL POINT	CHEMICAL	CURRENT TARGET DOSE RATE, GPD
2809 5TH & HURON	2304 McMILLAN MANHOLE	H_2O_2	89
13898 DUVAL	11305 HARTS	H_2O_2	188
10800 KEY HAVEN	11305 HARTS RD.	H_2O_2	100
5233 WEST 5TH	5TH & MELSON MANHOLE	H_2O_2	174
5219 CARDER	4140 KINGSBURY WETWELL	H_2O_2	45
5004 ORTEGA FARMS	118TH MANHOLE	H_2O_2	34
ARLINGTON EAST WRF INFLUENT	1555 MILCOE	H_2O_2	164
4110 ATLANTIC BLVD.	TIBER & OLIVE MANHOLE	H_2O_2	67
4425 CLINTON	DUNSFORD MH - SAN MARCO	H_2O_2	125
3092 HUFFMAN	2798 HUFFMAN	H_2O_2	55
5642 J. RAY	4511 SPRING PARK WETWELL	H_2O_2	50
2588 LOFBERG	4511 SPRING PARK WETWELL	H_2O_2	54
12943 McCORMICK	SOUTHERN HILLS MANHOLE	H_2O_2	10
5105 ROBERT SCOTT	4425 CLINTON WETWELL	H_2O_2	18
3170 ST. AUGUSTINE	SAN MARCO (LARGO & NALDO)	H_2O_2	291
5621 STANFORD	SAN JOSE MANHOLE	H_2O_2	55

4522 TOWN CENTER	10477 BRADLEY WETWELL	H_2O_2	105
11551 ALEXIS FOREST	5050 GREENLAND PS	H_2O_2	20
5145 LONGLEAF	5145 LONGLEAF	$FeCl_2$	73
5145 LONGLEAF	5145 LONGLEAF	H_2O_2	188
733 BLUEWATER	125 BLUEWATER	H_2O_2	20
7621 CENTURION	CENTURION MANHOLE	H_2O_2	18
2740 COUNTY RD. 210	BLACKS FORD WRF	H_2O_2	125
14842 MANDARIN	12714 BRADY PLACE	H_2O_2	20
4193 OLDFIELD CROSSING	MANDARIN WRF INFLUENT	H_2O_2	40
4130 SUNBEAM	9733 BAYOU BLUFF WETWELL	H_2O_2	14

Appendix B - Response Form
089-18 Wastewater Odor Control Chemicals

Company Name: _____

Company's Address _____

Phone Number: _____ FAX No: _____ Email Address: _____

License (if applicable): _____

BID SECURITY REQUIREMENTS	**TERM OF CONTRACT**
☐ None required ☒ Certified Check or Bond Five Percent (5%)	☐ One Time Purchase ☒ Annual Requirements (3 year w/2, 1 year renewal options) ☐ Other, Specify - Project Completion

SAMPLE REQUIREMENTS	**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**
☒ None required ☐ Samples required prior to Bid Opening ☐ Samples may be required subsequent to Bid Opening	☐ None required ☒ Bond required 100% of Bid Award

QUANTITIES	**INSURANCE REQUIREMENTS**
☐ Quantities indicated are exacting ☒ Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	**Insurance required**

PAYMENT DISCOUNTS	**SUNSHINE LAW ACKNOWLEDGEMENT**
☐ 1% 20, net 30 ☐ 2% 10, net 30 ☐ Other _____ ☐ None Offered	**_____(Initials) I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my bid will be disclosed to the public "as-is".**

Item	**ENTER YOUR BID FOR IFB 089-18**	**TOTAL BID PRICE**
1	**Lump Sum Bid (enter from cell G8 on Bid Workbook)**	**$**

BIDDER'S CERTIFICATION

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidder's Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Bidder is an authorized distributor or manufacturer of the equipment that meets the Technical Specifications stated herein.

We have received addenda

_____ through _____

_____
Handwritten Signature of Authorized Officer of Company or Agent Date

_____
Printed Name and Title

APPENDIX B
Minimum Qualification Information - 089-18

Wastewater Odor Control Chemicals

GENERAL

The minimum qualifications shall be submitted in the format attached. The report shall be presented in the order described below. In order to be considered a qualified supplier by JEA you must meet all the criteria listed and be able to provide all the services listed in this specification.

The Bidder must complete **one (1) original and two (2) duplicate copies** of the following information and any other information or attachments.

BIDDER INFORMATION

COMPANY NAME:_____

BUSINESS ADDRESS:_____

CITY, STATE, ZIP CODE:_____

TELEPHONE:_____

FAX:_____

E-MAIL:_____

PRINT NAME OF AUTHORIZED REPRESENTATIVE:_____

SIGNATURE OF AUTHORIZED REPRESENTATIVE:_____

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE:_____

- The Company must have successfully completed or be in the process of completing a similar type of service contract with at least five (5) customers in the United States in the last five years ending as of the ITN due date.
    - A similar contract is defined as total chemical delivery to the pipe (including chemical application systems) in excess of $500,000 per year for a multi-year contract.

1. Reference Name_____

Reference Phone Number_____

Reference E-Mail Address_____

Contract Duration/Amount _____

Description of Project _____

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APPENDIX B
Minimum Qualification Information -0 89-18- Cont'd
Wastewater Odor Control Chemicals

2. Reference Name _____

Reference Phone Number _____

Reference E-Mail Address _____

Contract Duration/Amount _____

Description of Project _____

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3. Reference Name _____

Reference Phone Number _____

Reference E-Mail Address _____

Contract Duration/Amount _____

Description of Project _____

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APPENDIX B
Minimum Qualification Information - 089-18- Cont'd
Wastewater Odor Control Chemicals

4. Reference Name _____

Reference Phone Number _____

Reference E-Mail Address _____

Contract Duration/Amount _____

Description of Project _____

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_____

5. Reference Name _____

Reference Phone Number _____

Reference E-Mail Address _____

Contract Duration/Amount _____

Description of Project _____

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