INTENT

JEA is soliciting proposals for industrial services to remove and dispose of sand, grit, grease, and other entrained debris from various low pressure sewer systems. In addition, the industrial services are to include repairs and collection tank replacements as necessary.

A low pressure sewer system allows the wastewater from the home to flow by gravity into a collection tank, similar to the tank on a septic tank system. Differing from a septic tank system, a low pressure sewer system then uses a small grinder pump that moves the wastewater from the collection tank through the system to a regional wastewater treatment facility. The collection tanks may collect wastewater from one house or several houses. The accumulation of these residuals in the collection tank can become malodorous, interfere with pumping operations and exacerbate the risk of a sewage spill or overflow.

SCOPE

Removal and/or repairs and/or collection tank replacement will be scheduled on an as-needed basis by JEA Water/Wastewater staff. The removal and cleaning of the sand, grit, grease, and other entrained debris and/or pump repairs and/or collection tank replacement must be accomplished by the contractor and must be scheduled to commence within twenty-four (24) hours after it is requested. The removal and cleaning of the material and/or pump repairs and/or collection tank replacement must be accomplished in a timely manner (usually no more than twenty-four (24) hours) or as otherwise deemed acceptable by a Water/Wastewater manager or designee.

For the prevention of noise complaints from adjacent residences, work must generally begin no earlier than 8:00 AM and should not continue past 4:00 PM, Monday through Friday. If special conditions warrant, work hours outside those specified may be authorized with the approval of the facility's manager or his designee. The Contractor shall coordinate with JEA on the proper transmission of all procurement and shipping documents.

The Contractor shall take all reasonable actions including, but not limited to, use of overtime and shipment by expedited means, all at Contractor's expense, to meet promised delivery.

Removal operations may employ vacuum (pumper) truck and/or other effective means and equipment as agreed upon with the JEA Water/Wastewater staff. All prospective bidders must have adequate personnel and the necessary inventory of effectively operating equipment for performance of this work. All bidders must also have a valid plumber's license and will be required to obtain any necessary permits for work to be completed. All bidders shall provide documentation itemizing the assets available for performance of these services.

Removal work will have to be conducted in the city's right of way in front of homes while pumping equipment is in operation. Contractor personnel are required to utilize all necessary safety equipment to ensure the safety of their workers. Contractor personnel will be required to have JEA safety pre-qualification.

All bidders will be required to attend a mandatory pre-bid meeting to inspect the preselected low pressure sewer system and normal grease and grit accumulation.

REPAIR OF WORK AREAS

In the event of any damages to JEA equipment or structures, the Contractor shall replace with new or repair any damaged JEA equipment or structures immediately to the satisfaction of JEA. The intent of this paragraph is to ensure the safe and continuous operations of JEA processes.

ACCESS TO CONTRACTOR'S OPERATING RECORDS

The Contractor shall provide immediate access to its operating records as required by JEA and applicable regulatory agencies.

FACILITY LOCATIONS

Services rendered by the Contractor may involve all 756 JEA owned low pressure sewer systems within our service area (primarily in Duval County, but includes St. Johns and Nassau Counties). The addresses have been included.

EQUIPMENT REQUIREMENTS

Contractor will own at least two (2) vacuum (pumper) trucks with a minimum capacity of 1000 gallons. The Contractor does not need to keep these pieces of equipment on standby status for JEA, however, in the event that JEA, requests equipment in an emergency basis, the contractor shall not commit these assets to other projects until the JEA emergent work has been completed.

WORK AND QUANTITIES

In Part 1 below, payment shall be based on a price per call per vacuum (pumper) truck. Payment for mileage, travel time or mobilization fees are not allowed (cost for those items should be factored in the price quotes). Payment shall be based ONLY on the price quotes listed below. The job typically consists of pumping approximately 900 gallons from one of the various JEA-owned low pressure sewer systems, properly disposing of the removed materials and re-sodding all disturbed areas to pre-work conditions or better.

In Part 2 below, payment for mileage and travel time is not allowed (cost for those items and cost of parts and labor should be factored in the price quotes). Payment shall be based ONLY on the price quotes listed below. The Contractor will be responsible for providing all replacement equipment, removing and disposing of old equipment and re-sodding all disturbed areas to pre-work conditions or better.

Price quotes to be submitted for each job type:

Part 1: Vacuum/Pumping Services

a) Vacuum (pumper) truck – Pump out

Part 2: Repairs (Please see attachment for all system requirements.)

a) Cut out roots to expose the lid
b) Collection tank lid replacement
c) Raise Lid
d) Grinder pump chamber insert replacement
e) Collection tank riser replacement
f) Collection tank replacement
g) Raise Tank
h) Abandon existing collection tank
i) Grinder pump repair
j) Grinder pump system replacement
k) Remove grinder pump, clean the check valve and reattach
l) Rerunning pump line to the tank
m) Running conduit for pump lines
n) Installing pump discharge line
o) Connecting sewer line
p) Supplemental Work Authorization - This bid item includes any items requested by JEA not covered by one of the bid items listed in items a) thru o). This item is to be used only when additional work is requested by JEA. The contractor shall not be reimbursed for any work charged to this bid item which has not first been requested by, or authorized by, JEA.

SUPPLEMENTAL INFORMATION FOR ALTERNATIVE SEWER SYSTEMS

1.1 SECTION DESCRIPTION

A. This section includes materials, performance, installation standards associated with the furnishing of labor, materials, equipment and appurtenances required to install complete and operational commercial and residential grinder pump system.

B. These specifications are the minimum requirements regarding the equipment application; furnishings, installation, delivery, shop and field testing of all materials, equipment, and appurtenances for the individual types of grinder pumping systems as specified herein.

C. The Manufacturer's recommendations and Construction Drawings may contain additional requirements pertinent to the installation of the individual types of grinder pump systems, including accessory and auxiliary equipment and material types, which are not specified here in.

D. Each grinder system shall be the responsibility of the individual owner which it serves for its installation, and continued operations and maintenance. This responsibility shall include: pumps, control panel, electrical service and wiring, well basin, gravity sewer, check valves, and force main to the homeowners property line. JEA will be responsible for maintaining all other equipment and materials within the public right of way.

1.2 GENERAL

A. The system covered by these Specifications is intended to be standard grinder systems of proven ability. The pumps and appurtenances furnished shall be designed and constructed in accordance with the industries standard and methods, and shall operate in accordance with the design and specifications for each individual type system as specified herein. All Pumps shall be manufactured in accordance with the Hydraulic Institute Standards.

B. All equipment and materials furnished shall be new and unused and shall be the standard product of manufacturer.

C. All individual grinder systems shall be designed by a Professional Engineer licensed by the State of Florida and shall oversee all portions of its installation.

1.3 TYPES OF SYSTEMS

A. Simplex Grinder Systems

A single pump system operating on 230 volts, single-phase electrical power, in a 3-foot diameter, 4-foot deep fiberglass basin, the Simplex system is approved for use in all single-family residential units with flow less than 350 gallons per day (GPD). A Duplex system is required for all commercial applications and residential flow greater than 350 GPD.

B. Single-Phase Duplex Grinder System

A dual pump system, in a 4-foot diameter, varying depth fiberglass basin (depth of the basin shall be site specific, minimum of 6-foot deep); the single-phase duplex system in approved for use in all commercial applications and residential application with flow greater than 350 GPD providing the minimum design standards contained herein are maintained.

C. Three-Phase Duplex Grinder Systems

A dual pump system that operates on 208 volt or 230 volt three-phase electrical power, in a 4-foot diameter, varying depth fiberglass basin (depth of the basin shall be site specific, minimum of 6-foot deep), the three-phase duplex system is approved for use in all commercial applications, providing the minimum design standards contained herein are maintained.

1.4 STANDARDIZATION

A. At the discretion of the JEA Alternative Sewer Committee, and JEA Water and Sewer Standards Committee, all mechanical and electrical equipment shall conform to JEA Approved Materials Manual.

B. It shall be the responsibility of the owner for supplying the grinder system and its conformance with JEA Standards. This includes, but not limited to, pumps, motors, basins, rail assemblies, electrical controls and appurtenances.

C. All equipment shall be new and unused standard equipment for the intended use as specified herein.

1.5 SUBMITTALS

A. Service Request

Each Owner shall request a "Letter of Availability" from the JEA for service. If no standard sanitary service is available, the request shall be forward to the JEA Alternative Sewer Committee to determine if a Grinder system will be allowed. If approved, it will be the owner responsibility to obtain the services of a Professional Engineer to make all submittals to the JEA.

B. Design

Engineer of Record shall provide calculations, including, but not limited to, the average daily flow (ADF), maximum daily flows (MDF), peak hourly flows (PHF), cycle and run times, starts per hour, total dynamic head and buoyancy calculations. Flows shall be based on 64E-6.002 FAC.

Pump data including the pumps performance curve, capacities and efficiency based on the manufacturer's shop testing of like units. Curves shall be submitted in an 8-1/2"x 11" format, at as large a scale as practical. Curves shall be plotted form zero flow at the pumps shut off head to the pumps capacity. The Engineer of Record shall plot the specific system design on the Manufacturer's curve, plotting from zero flow at the designed static head, to and through the selected pump performance curve. Pump family curve tables shall not be acceptable.

C. Pre-Construction

The contractor shall request an on-site pre-construction meeting with JEA field inspectors, 48-hours in advance. The Contractor shall provide JEA copies of all required building and/or construction permits from but not limited to the following:

a. JEA Water & Sewer Permit
b. FDEP/ RESD Permit
c. City of Jacksonville Plumbing Permit

D. Post-Construction

The Contractor shall request a post-construction meeting at least 48-hours in advance. Manufacturer's representative shall be in attendance and shall provide the Engineer of Record a certified performance test to be submitted with the Certificate of Completion application. This application must be approved by the JEA before the system can be placed in operation. The Manufacturer shall provide the Owner all operating and maintenance manuals for the system. This includes but not limited to all drawings, equipment lists, descriptions, etc. that are required to instruct operation and maintenance personnel with equipment.

E. Operating and Maintenance

It is the sole responsibility of each single residential or commercial owner to operate and maintain their grinder system. JEA's responsibility shall begin at the property line. In the event of a system malfunction, the Owner shall contract with a license plumping contractor familiar with grinder pumping system. All Operating and maintenance manuals furnished by the manufacturer shall remain at the site which the system serves.

1.6 PUMPS

A. General:

a. The pumps shall be totally submersible grinder type, designed to pump raw unscreened wastewater.
b. The pumps shall be standard dimensions such that parts will be interchangeable between like units.
c. The same Manufacturer shall supply both units.

B. Manufacture:

a. The pumps shall be manufactured units meets the detailed requirements as specified herein and shall be pre-approved for use and connection to JEA's system as stated in JEA Approved Materials Manual.
b. The pumping equipment Manufacturer shall be responsible for all patents or licenses that exist because of the equipment that may be provided.
c. The Manufacturer shall assume all cost of patent fees or licenses for the equipment or process and shall safeguard and save harmless the OWNER from all damages, judgments, claims and expenses arising from license fees, or claimed infringement of any letters, patent or patent rights or fees for the use of any equipment or process, structural feature or arrangement of any of the component parts of the installation, and the price big shall be deems to include payment of all such patent fees, licenses of other costs pertaining thereto.

C. **Performance Requirements:**

a. When operating at the design output speed, each pump shall have a characteristic performance curve that meets all the minimum conditions. The pumps and dive motors shall be capable of operating satisfactorily under the full range of conditions. The intermediate pump capacity, head and efficiency as defined herein, shall take into consideration all losses from the pump intake suction bell to the pump discharge connection.
b. There shall be no significant change in vibration and noise level of the entire listed range of flow for the pumping system.

c. Maximum motor speeds shall not exceed those listed in Specifications to satisfy the specified hydraulic duty requirements. The pump "design speeds" shall be the motor output speed when operating at the pump "intermediate" capacity and head.
d. With the pumping units operating at full motor speed, the maximum brake horsepower required by the pump shall not exceed the maximum horsepower listed in specification. If the pumping units require more than the maximum horsepower listed in the specification at the motor output shaft at any full motor speed operation point between primary and secondary discharge head, they will be rejected.
e. A certified Hydraulic Instituted test curve from an identical pump shall be submitted, including head, capacity, brake horsepower, and pump efficiency for each pump type supplied.

D. Grinder Pump Construction:

a. The pump and motor housing shall be cast iron with all parts coated with a sewage resistance coating. All exposed hardware shall be of 304-stainless steel. All mating surfaces where watertight sealing is required shall be machined and fitted with gaskets or O-rings.
b. The pump shall be of the centrifugal design rated at a minimum of 20 gallons per minute (average flow) at the design head. The grinder assembly shall consist of a rotating radial cutter and a stationary shredding ring, and shall be mounted directly below the volute passage. The rotating cutter shall be threaded on to the stainless steel shaft and shall be locked with a screw and washer. The stationary ring shall be pressed on to an iron holding flange for easy removal. The flange shall be provided with tapped back-off holes so that screws can be used to push the shredding ring from the housing. Both the redial cutter and shredding ring shall be removable from the outside without dismantling the pump. Grinder assembly shall be of such construction that no clearance adjustments are required when assembling. All grinding of solids shall be from the action of the redial cutter against the shredding ring. The radial cutter and shredding ring shall be of 440 stainless steel hardened to 58-60 Rockwell C.
c. Pump impeller shall be of the recessed type to provide and open, unobstructed passage through the volute for the ground solids. The impeller shall be constructed of (cast iron) (bronze) and shall have pump out vanes on the backside of the impeller to keep solids from lower seal and reduce pressure at the deal faces. Impeller shall be threaded on to the stainless steel shaft.
d. The common pump and motor shaft shall be 416-stainless steel supported by a heavy-duty double row ball bearing and an upper sealed single row ball bearing. The cutting element shall be designed to keep overhung load distance to a minimum. All fasteners shall be 304-stainless steel.
e. Two (2) rotary shaft seals mounted in tandem with an oil-filled chamber separating the seals shall protect the motor. The seals shall have carbon and ceramic seal faces diamond lapped to a tolerance of one light band. Metal parts and springs for deals shall be stainless. An electrical sensing probe shall be mounted in the seal chamber to detect any water leakage past the lower seal.
f. The pumps shall have a lift-out system to allow easy removal and installation of the pump and lower check valve without the necessity of personnel entering the basin. The discharge case shall have a discharge opening with piping to a coupling through the basin wall. The discharge case shall be securely bolted to the basin floor and arranged in such a way the slight deflection caused by the discharge pipe will not cause the quick-connect pump flange to leak. A 316 stainless cable shall be securely fastened to the top of the pump and to the top of the basin to facilitate removal of the pump. This cable shall be of adequate strength required to effectively support the weight of the pump assembly while removing and installing.
g. The pump motor shall be of the submersible type rated for 2-horsepower at 3450 RPM. Motor shall be single phase, 230 volt, 60 Hertz. Single-phase motors shall be of the capacitor start – capacitor run type for high starting torque. The stator winding shall be the open type with Class B insulation rated for 266 degrees Fahrenheit maximum operating temperature. The winding housing will be filled with clean dielectric oil that will lubricate bearing, seals and transfer heat from the winding to the outer shell. The motor stator is to be pressed into the motor housing for an optimum concentricity and alignment and maximum heat transfer. The motor shall be capable of operating over full range of performance curve without overloading the motor and causing any offensive noise or vibration. The motor shall have two bearing to support the rotor; an upper ball bearing to accommodate thrust loads and a lower ball bearing to take radial loads. Ball bearing shall be designed for a LB-10 life (50,000 hours). A heat sensor thermostat and overload shall be attached to the top end of the motor windings and shall stop the motor if the motor winding temperature reaches 200 degrees Fahrenheit. The high temperature shutoff will cause the pump to cease operation, should a control failure cause the pump to run in a dry wet well. The thermostat shall reset automatically when the motor cools to a safe operating temperature. The motor power cord shall be 14-5 SOW/SOW-A and shall be fastened by means of a cord grip in the top of the pump.

h. The top of the pump shall contain a waterproof junction box, which will provided space to connect the power cord to the motor leads. The motor leads shall seal between the motor housing and junction box by mean of a rubber compression fitting around each wire. The cable entry system will consist of three (3) separate seals. A rubber grommet that seals both outer cable jackets shall be clamped onto cords by an end holding cap. An O-ring shall seal the end hold cap to the bottom half of the cord cap. The motor leads shall seal between the motor housing and junction box by means of a rubber compression fitting around each wire. Cords shall be able to withstand a pull of 300 pounds without loosening or losing seal integrity.
i. Each pumping unit and its driving equipment shall be designed and constructed to withstand the maximum turbine run-away speed of the unit due to back flow through the pump.

1.7 BUILDING SEWER

A. The building sewer is the line from the cleanout of the building served and the basin. Special attention shall be given to ensure watertight joints and a grade that will allow for gravity flows.

B. For single-family residential installations, this line shall be installed by a licensed Utility or Plumping Contractor and shall be the responsibility of the individual owner.

1.8 VALVES AND PIPING

A. A 1-1/2 heavy duty bronze (85-5-5) or PVC check valve, all rubber flapper type rated for 150 psi shall be inserted in the discharge line of each pump as shown on the Drawings. The check valve will provide a full-ported passageway when open. Rubber flapper shall be fabric reinforced, synthetic elastomer to ensure corrosion resistance, dimensional stability and fatigue strength. A non-metallic hinge shall be an integral part of the flapper assembly providing a maximum degree of freedom to assure seating, even at a very low back pressure. The valve body shall be high gloss injection molded PVC type I-II.
B. Ball valves shall be designed to be fully open by a 90º turn of the operating handle and shall be full port design with bi-directional sealing rated for 150-psi minimum working pressure.
C. Valve shall be true union type, made from high gloss injection molded PVC, type I-II, Teflon seats against PVC ball.
D. If valve is buried more than 24-inch from the surface a handle extension shall be supplied and fitted onto the valve handle, with a valve box.
E. Valve ends can be threaded if schedule 80 PVC is used. Push-on restrained or cement-welded ends for all other PVC.
F. Discharge piping shall be 1-1/2-inch diameter schedule 80 PVC, completely assembled to the pump and terminating as shown on the Drawing. The pipe shall have threaded fittings for connections to valves and fittings.

1.8.1 BASIN AND ACCESS COVER

A. The basin shall be sized as specified in the construction drawings and made of molded reinforced polyester resin and fiberglass construction. The basin shall have a minimum wall thickness of ¼-inch. A 4-inch diameter inlet hub of the O-ring seal type shall be provided for field installation of the lateral. Other wall penetration for electrical conduits and all venting shall be provided. The basin shall be equipped with an anti-flotation device so that the basin shall not float under high groundwater conditions. The anti-flotation device shall be cover with concrete as shown on the drawings.
B. The basin Manufacturer shall furnish wet well access covers and frames as shown on the plans for the wet well basin. The cover shall be made of fiberglass, gasket sealed, with 316 stainless steel bolts used to secure the cover to the basin. The cover shall be capable of bearing a 200-pound per square foot live load.

1.9 PUMP CONTROL SYSTEM

A. General:
    1. A pump controller shall be provided for each grinder pump unit. The controller shall automatically start and stop pump(s). In a duplex pump station, the controller shall automatically switch the lead and lag pump.
    2. The pump controller shall be the standard system of the manufacturer as modified for this application.

3. The pump controller shall be located and mounted as described in the Design Criteria and Construction Standards. The exact location and type of mounting of the pump controller shall be determined in the field by the Engineer of Record and/or Utility.
4. A terminal strip shall be supplied to make all power and control connections for the pumps. All terminals shall be marked for easy identification. A ground terminal strip shall also be provided.

B. Operational Requirements:
   1. The control panels shall consist of a lightning arrestor, a disconnect switch, a circuit breaker and NEMA rated magnetic starter for each pump motor. A high level alarm and pump shut-off shall be accomplished by a float type liquid level control system. Control switches shall provide means to operate each pump manually or automatically.
   2. A float type liquid level control system shall continuously monitor the wet well liquid level and control operation of the low-level cutoff for the pumps.
   3. An exterior alarm light shall be activated upon high level.

C. Construction:
   1. The electrical control equipment shall be mounted within a NEMA Type 4X Fiberglass dead front door-in-door with all stainless steel hardware. The enclosure shall be UL listed as an assembly 14”x12”x5-7/8” (internal dimensions) and shall incorporate a removable back panel on which control components shall be mounted. Back panel shall be secured to enclosure with collar studs. A high level and seal failure alarm light shall be enclosed in a red polycarbonate enclosure. The high-level alarm float installed in the wet well shall activate the light. Seal failure alarm circuitry shall only be provided if required to obtain Manufacturer’s warranty.

1.10INSTALLATION

A. Installation shall be in strict accordance with the Manufacturer’s instructions and recommendations in the locations shown on the Drawings. Installation shall include furnishing the required oil and grease for initial operation. The grades of oil and grease shall be in accordance with the Manufacturer’s recommendations.

1.11SHOP PAINTING

A. Before exposure to weather and prior to shop painting all surfaces shall be thoroughly cleaned, dry and free from all mill-scale, rust, grease, dirt and other foreign matter.
B. All pumps and motors shall be shop coated with Manufacturer’s standard coating.
C. All nameplates shall be properly protected during painting.
D. Gears, bearing surfaces, and other similar surfaces obviously not painted shall be given a heavy shop coat of grease or other suitable rust-resistant coating. This coating shall be maintained as necessary to prevent corrosion during periods of storage and erection and shall be satisfactory to the Engineer of Record up to the time of final acceptance test.

1.12SERVICES

A. The Contractor shall furnish the services of a Manufacturer’s field service technician who has complete knowledge of proper operation and maintenance of the equipment for a period not less than two (2) days to inspect the installed equipment, supervise the initial test run, and to provide instruction to the Utility personnel. The first day will be for checking and inspecting the equipment after it is installed and to operate and supervise the initial field test.
B. The instruction of the operation and maintenance of the equipment:
   1. This instruction period shall be scheduled at least ten (10) days in advance with the OWNER and shall take place prior to start-up and acceptance by the OWNER.

C. The final copies of operation and maintenance manual specified previously must have been delivered to the ENGINEER OF RECORD prior to scheduling the instruction period with the OWNER.

1.13 INSPECTION AND TESTING

A. General:

1. The services of a factory representative shall be furnished for two (2) days and shall have complete knowledge of proper operation and maintenance to inspect the final installation and supervise the test run of the equipment. With the permission of the OWNER, these services may be combined with those provided under Paragraph 1.5, OPERATING INSTRUCTIONS.
2. Field tests shall not be conducted until such time that the entire installation is complete and ready for testing.

B. Pumps:

1. After all pumps have been completely installed and working under the direction of the Manufacturer, conduct, in the presence of the ENGINEER OF RECORD, such tests that are necessary to indicate that pumps conform to the Specifications. Field tests shall include one representative pump included in this Section.
2. If the pump performance does not meet the Specifications, corrective measures shall be taken or pumps shall be removed and replaced with pumps which satisfy the conditions specified. A 24-hour operating period of the pumps will be required before acceptance. During this 24-hour operating period, the Contractor shall supply all power necessary.

The minimum qualifications shall be submitted in the format attached. The references 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. Submit with Bid or Proposal in accordance with the requirements of the solicitation.

Company shall ensure listed references can be contacted to verify minimum qualifications compliance. If JEA cannot contact the submitted reference, JEA may request an additional point of contact from the same reference, however, will not allow the Company to change references. If the reference cannot be verified, JEA may reject the submitted Bid or Proposal.

RESPONDENT INFORMATION

COMPANY NAME:_____

BUSINESS ADDRESS:_____

CITY, STATE, ZIP CODE:_____

TELEPHONE:_____

FAX:_____

E-MAIL:_____

- Bidder must be a License Plumber or Septic Contractor for the previous five (5 years) ending March 31, 2018. **(This information must be placed on Appendix B - Bid Form)**

- Bidder must have a service center office located in the JEA territories (Duval, Clay, St. Johns and Nassau) (JEA will use Google Maps to verify)

- Bidder must have self-performed and completed at least five (5) similar projects within the last twelve (12) months ending March 31, 2018, and **each** project must be valued at $5,000.00 or greater. A similar project is define as pulled permits, pumped out, removed and replaced a LPS system including tanks, pumps and controls. **Respond on the Appendix B Minimum Qualification Form.**

1. Primary Nature of Service Provided: _____

Location: _____

Customer: _____

Reference Phone Number: _____

Email Address: _____

Project Value: _____

Contract Date: _____

Description of Project:

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2. Primary Nature of Service Provided: _____

Location: _____

Customer: _____

Reference Phone Number: _____

Email Address: _____

Project Value: _____

Contract Date: _____

Description of Project:

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3. Primary Nature of Service Provided: _____

Location: _____

Customer: _____

Reference Phone Number: _____

Email Address: _____

Project Value: _____

Contract Date: _____

Description of Project:

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4. Primary Nature of Service Provided: _____

Location: _____

Customer: _____

Reference Phone Number: _____

Email Address: _____

Project Value: _____

Contract Date: _____

Description of Project:

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5. Primary Nature of Service Provided: _____

Location: _____

Customer: _____

Reference Phone Number: _____

Email Address: _____

Project Value: _____

Contract Date: _____

Description of Project:

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APPENDIX B - BID FORM
94347 - LOW PRESSURE SEWER SYSTEM CLEANING AND REPAIR SERVICES

Submit via e-mail to: Elizabeth Ann Ellis-Moore, moorea@jea.com along with other required forms.

Company Name: _____

Company's Address: _____

Plumber License or Septic Contrator Number: _____

License Number date for the previous five (5 years) ending March 31, 2018: _____

Phone Number:_____FAX No: _____ Email Address: _____

BID SECURITY REQUIREMENTS
☒ None required
☐ Certified Check or Bond Five Percent (5%)

TERM OF CONTRACT
☐ One-Time Purchase
☒ Annual Requirements- 3 yrs with optional two (2) - 1 yr renewals
☐ Other, Specify

SAMPLE REQUIREMENTS
☒ None required
☐ Samples required prior to Response Opening
☐ Samples may be required subsequent to Bid Opening

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND
☒ None required
☐ Bond required 100% of Bid Award

QUANTITIES
☐ 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 REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS
☐ 1% 20, net 30
☐ 2% 10, net 30
☐ Other _____
☐ None Offered

Item No.	Enter your Bid for the following Services	Total Bid Price
1.	Part 1: Vacuum/Pumping Services	$_____
2.	Part 2: Repairs	$_____
3.	Total transferred from - Appendix B - Bid Workbook	$_____

☐ **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 proposal will be disclosed to the public "as-is".**

BIDDER 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 Bidding 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.

We have received addenda _____ through _____

_____
Handwritten Signature of Authorized Officer of Company or Agent Date

_____
Printed Name and Title