BACKGROUND

1. The City of Ocala is seeking a vendor to provide and install a new backup dewatering press at Water Reclamation Facility #2, located at 4200 SE 24th Street, Ocala, FL 34471. The City of Ocala's Water Resources Department has two wastewater treatment plants that produce biosolids through the activated sludge process. Water Reclamation Facility #2 (WRF #2) uses a Hiller centrifuge to produce biosolids cake of 19 % total solids while Water Reclamation Facility #3 (WRF #3) currently uses a belt filter press to produce biosolids cake of 14 % total solids. The Vendor will provide all materials, equipment and labor necessary to provide this equipment.

   All work must be coordinated with City Project Manager, Jeff Greve, WRF #2 Lead Operator, Telephone 352-572-0486 or 352-401-6298, E-mail: JGreve@Ocalafl.gov.

2. **MANDATORY PRE-BID MEETING:** A mandatory on-site pre-bid meeting is required for all prospective bidders. **Only those vendors attending the pre-bid meeting shall be allowed to submit bids. Refer to the listing for the pre-bid meeting date, time, and location.**

   Thursday, March 19 at 11:00AM
   Water Reclamation Facility #2 (WRF #2)
   4200 SE 24th Street
   Ocala, FL 34471

LICENSING AND EXPERIENCE REQUIREMENTS

1. **Experience Requirement:** Only those vendors with a minimum of ten (10) years of documented experience designing and installing domestic wastewater rotary presses shall be considered. Bidders must provide at least three (3) rotary press projects completed within this time frame with bid submittal.
2. Documentation of **prior similar experience** and relevant **safety training (OSHA 10/30 or equivalent training for personnel on site)**.
3. **Permits:** Vendor is responsible for all permits. Bidders should include these fees into their lump sum bid amount.

BOND REQUIREMENTS

1. **Bid Bond:** Bid security equal to five percent (5%) of the total bid amount must accompany each bid. Bid bond will be uploaded in the section of this listing labeled "Bid Bond." The original document will be maintained by the Bidder unless requested to produce by the City.
2. **Performance and Payment Bond:** The successful Bidder must submit a Performance and Payment bond for the total bid amount.
3. **Maintenance and Guarantee Bond:** The successful Bidder will also be required to furnish a Maintenance and Guarantee Bond for the total project value, prior to final payment, for a period of three (3) years for labor and three (3) years for materials from the date of final completion.

INSURANCE REQUIREMENTS

1. **Commercial General Liability:** with limits of $1,000,000 per occurrence/$2,000,000 aggregate.
2. **Commercial Automotive Liability:** a combined limit of not less than $1,000,000.
3. **Workers' Compensation and Employer's Liability:** per Florida statutory requirements.

CONTRACT TERM/DELIVERY TIMELINE

1. **Lead Time:** The maximum acceptable lead time is 26 weeks.

DELIVERY

1. **Delivery:** Deliveries will be made to the City of Ocala Water Reclamation Facility #2 (WRF #2), Second Floor, 4200 SE 24th Street, Ocala, FL 34471.
2. **Delivery Hours:** Deliveries will be accepted Monday through Friday between the hours of 7:30AM and 3:00PM. Deliveries shall be coordinated with the Project Manager.
3. Vendor equipment items must be shipped as complete assemblies except where partial disassembly is required by transportation regulations or for protection of components.

PROJECT SUMMARY, DELIVERABLES AND HOURS

1. **Project Summary:** The new rotary press unit will be delivered to and installed on the second floor of the WRF #2 Dewatering Building at 4200 SE 24th Street, Ocala FL 34471. Vendor shall ensure proper alignment and stability.

   The Vendor shall supply the rotary press with a support frame, adequate number of channels properly sized for sludge loadings, wash assembly, main drive motor with variable frequency drive, bearings, seals, feed tube, liquid polymer mixing system, discharge auger, control panel, monitoring instrumentation, flowmeters, and other necessary appurtenances. The Vendor will make provisions for discharge of the centrate to a common drain system. The rotary press system shall demonstrate through performance testing the ability to treat biosolids sludge to a minimum of 16% total cake solids. The City will provide piping to the front of the rotary press to convey wastewater sludge to the unit.

   *** Specifically, Vendor shall use Yaskawa Variable Frequency Drive (VFD). It is preferred that Vendor shall use Siemens Programmable Logic Controller (PLC).**

   It is preferred that equipment and materials furnished under this specification comply with the requirements of the Build America, Buy America (BABA) Act.

   This is a turnkey solicitation. All work related to labor, materials, installation, and connections of the rotary press shall be performed by the Vendor who will be responsible for off-loading the equipment, providing any temporary storage in accordance with the manufacturer's recommendation for storage, and installing the equipment in place. Installation shall include mounting and piping the unit and providing power to the panels and all interconnected wiring and piping required between various components, as required.

Rotary press shall be Prime Solution RFP, Fournier, Xylem (Evoqua), or **equivalent model. * Any bidders submitting alternative equipment must submit specifications with the bid submittal.**

1. **Process Description:**
   - Rotary press is compatible with aerobically digested Waste Activated Sludge.
   - Hydraulic loading (excluding polymer flow) is up to 250 gallons per minute (gpm).
   - Normal operating flow (excluding polymer flow) is 120 to 150 gpm.
   - Sludge feed concentration is between 0.75 % and 1.5 % by weight.
   - Solids loading (dry substance feed to rotary press) is between 600 and 1000 lbs. per hour.
   - Maximum design solids loading (d.s. feed to rotary press) is 2500 lbs. per hour.
   - Minimum percent solids capture 98%.
   - Minimum cake dryness (dry solids) is 16% by weight.
   - Maximum polymer dosage is 25 lbs. active substance per ton of dry solids % weight.
   - Maximum volatile solids concentration is 85 % by weight
   - SVI is between 80 to 150.
   - Temperature is between 60- and 85-degrees Fahrenheit.
   - pH is between 4.0 and 7.0 standard units.

2. **Training:** Vendor shall provide training to City operations and maintenance personnel in the proper operation of the rotary press. The Vendor shall supply all drawings, schematics, O & M manuals, instructions, and other documentation necessary to operate and maintain the rotary press.

3. **Permits:** Vendor is responsible for all required permits.

4. **Working Hours:** Working hours for this project are 8:00AM to 5:00PM, Monday through Friday, excluding holidays.

VENDOR EMPLOYEES AND EQUIPMENT

1. The Vendor must utilize competent employees in performing the work. Employees performing the work must be properly licensed or qualified as required by the scope/project.
2. The Vendor shall provide an assigned Project Manager, who will be the primary point of contact. Vendor must provide a valid telephone number and address at all times to the City Project Manager. The telephone must be answered during normal working hours or voicemail must be available to take a message.
3. At the request of the City, the Vendor must replace any incompetent, unfaithful, abusive, or disorderly person in their employment. The City and the Vendor must each be promptly notified by the other of any complaints received.
4. The employees of the Vendor must wear suitable work clothes and personal protective equipment as defined by OSHA. Employees shall be clean and in as good appearance as the job conditions permit.

5. Vendor will operate as an independent contractor and not as an agent, representative, partner or employee of the City of Ocala, and shall control their operations at the work site, and be solely responsible for the acts or omissions of their employees.
6. No smoking is allowed on City property or projects.
7. The Vendor must possess/obtain all required equipment to perform the work. A list of equipment shall be provided to the City upon request.
8. All company trucks must have a visible company name/logo on the outside of the vehicle.
9. All damages are to be reported to the Project Manager where the final decision will be made (by the City) as to replacement and /or repairs. All replacement and/or repairs will be performed at no additional cost to the City.
10. The Department does not include an allowance for delays caused by the effects of inclement weather; however, the Department may grant time extensions on a day-to-day basis for delays caused by the effects of rain or other inclement weather conditions. No additional compensation will be made for delays caused by the inclement weather.

CITY OF OCALA RESPONSIBILITIES

1. The City of Ocala will furnish the following services/data to the Vendor for the performance of services:
   A. Access to City buildings and facilities to perform the work.
   B. Provide access to drawings, specifications, schedules, reports, and other information prepared by/for the City of Ocala pertinent to the Vendor's responsibilities.
   C. Provide office facilities for the Vendor, if needed.
2. The City reserves the right to purchase any materials for the Vendor to use. The Vendor shall not charge a mark-up fee for material furnished by the City.

VENDOR RESPONSIBILITIES

1. The Vendor shall complete all work performed under this solicitation in accordance with policies and procedures of the City of Ocala and all applicable State and Federal laws, policies, procedures, and guidelines.
2. The Vendor shall obtain and pay for any and licenses, additional equipment, dumping and/or disposal fees, etc., required to fulfill this contract.
3. Installation shall be in compliance with all requirements and instructions of applicable manufacturers.
4. Vendor is responsible for any and all damages including but not limited to buildings, curbing, pavement, landscaping, or irrigation systems caused by their activity. Should any public or private property be damaged or destroyed, the Vendor at their expense shall repair or make restoration as acceptable to the City of destroyed or damaged property no later than one (1) month from the date damage occurred.
5. If the Vendor is advised to leave a property by the property owner or their representative, the Vendor shall leave at once without altercation. The Vendor shall then contact the City Project Manager within 24 hours and advise of the reason for not completing the assigned project.

6. Data collected by the Vendor shall be in a format compatible with or easily converted to City's databases. A sequential naming convention should be applied to the files and documentation provided to the City.
7. The Vendor shall ensure that all documents prepared under this contract have been prepared on a Windows-based operating system computer using the most current version of Microsoft Office, which includes Word, Excel, Power Point, Access or any other software as specified and approved by City staff.

SUB-CONTRACTORS

1. The Vendor must perform a minimum of 80% of the work with their own forces.
2. Services assigned to sub-contractors must be approved in advance by the City Project Manager.

SITE HOUSEKEEPING AND CLEANUP

1. **Cleanup:** The Vendor shall keep the premises free at all times from accumulation of waste materials and rubbish caused by operations and employees. Such responsibilities shall include but not limited to:
   A. Periodic cleanup to avoid hazards or interference with operations at the site, and to leave the site in a reasonable neat condition.
   B. The work site will be completely cleaned after each day of work.
   C. The Vendor shall dispose of debris in a legal manner.
2. **Final Cleaning:** Upon completion of work, clean the entire work area as applicable.
   A. All furnishings and equipment shall be placed back in the original locations.
   B. All work areas must be returned to their original condition.
   C. The Vendor shall clean and remove from the premises, all surplus and discarded materials, rubbish, and temporary structures, and shall restore in an acceptable manner all property, both public and private, which has been damaged during the prosecution of the work and shall have the work in a neat and presentable condition. *Note: Any and all debris shall be removed from the premises. New construction debris, trash, etc., shall not be left or buried on site.*

SAFETY

1. The Vendor shall be fully responsible for the provision of adequate and proper safety precautions meeting all OSHA, local, state, and national codes concerning safety provisions for their employees, sub-contractors, all building and site occupants, staff, public, and all persons in or around the work area.
2. In no event shall the City be responsible for any damages to any of the Vendor's equipment, materials, property, or clothing lost, damaged, destroyed or stolen.
3. Prior to completion, storage and adequate protection of all material and equipment will be the Vendor's responsibility.

WARRANTY

1. Vendor will provide a three-year material and labor warranty from the date of completion, against operational failure caused by defective material or workmanship which occurs during normal use.
2. All manufacturer warranty documentation and owner/operator manuals must be provided before final payment requests.

INVOICING

1. All original invoices will be sent to: Jeff Greve, Project Manager, Ocala Water Resources Department, 1805 NE 30th Ave. Building 600, Ocala, FL 34470, email: JGreve@Ocalafl.gov.

PRICING AND AWARD

1. This is a turnkey solicitation. All work related to labor, materials, installation, and connections of the centrifuge shall be performed by the Vendor who will be responsible for off-loading the equipment, providing any temporary storage in accordance with the manufacturer's recommendation for storage, and installing the equipment in place. Installation shall include mounting and piping the unit and providing power to the panels and all interconnected wiring and piping required between various components, as required.

2. Vendors shall submit pricing on Exhibit B – Price Proposal and upload 100 % completed design drawings with their bid.

3. Pricing for this bid will be provided as a "lump sum". The lump sum price will include all necessary costs to complete this project, to include labor, materials, equipment, shipping, permits, travel, installation, etc. Award will be made to the lowest bidder, meeting the requirements outlined in this Scope of Work.

4. Awarded Vendors shall comply with all applicable provisions of Section 787.06, Florida Statutes. Specifically, all non-governmental Vendors shall provide the City of Ocala with an affidavit signed by an officer or a representative under penalty of perjury attesting that the non-governmental entity does not use coercion for labor or services as defined in Section 786.06(2), Florida Statutes). If not previously provided, the affidavit may be downloaded from https://www.ocalafl.gov/home/showpublisheddocument/29503 and must be notarized.

5. DUE TO THE CITY. Contractor/Vendor must be current and remain current in all obligations due to the City during the performance of services under the Agreement. Payments to Contractor/Vendor may be offset by any delinquent amounts due to the City or fees and/or charges owed to the City.