



**SECTION 00-01-00**  
**ADVERTISEMENT FOR BIDS**

ST. LUCIE WEST SERVICES DISTRICT, FLORIDA

The St. Lucie West Service District (District) Board of Supervisors, located in Port St. Lucie, Florida, and St. Lucie West Services District located at 450 SW Utility Drive, Port St. Lucie, Florida 34986 will be accepting sealed bids from licensed firms to perform construction and testing services for Construction and Testing of a Class I Injection Well (IW-2),

*In summary the project involves, drilling, constructing, and testing one, non-hazardous Class I injection well (IW-2) to supplement the disposal of demineralized water concentrate, generated by the St. Lucie West Services District Water Treatment Plant (WTP) reverse osmosis treatment process, that is currently injected into injection well IW-1.*

Sealed bids will be accepted until **2:00 PM** Local Time on **the 12<sup>th</sup> day of March 2025** at which time all bids duly submitted will be publicly opened in the District's Board Meeting Room. Sealed Bidders Bids/Proposals must have identified the name and number of the bid for which the bid is submitted, and the date of the bid opening:

ITB No.: 2025-01  
TITLE: SLWSD Class I Injection Well (IW-2)  
OPEN: March 12, 2025, at 2:00 pm

To obtain a copy of the Bid Set Plans and Specifications, interested parties shall contact HydroDesigns at (813) 610-5071 and/or geode933@aol.com; the Bid Number of the project being requested- 2025-01.

**NOTE: QUESTIONS FROM BIDDERS WILL ONLY BE ACCEPTED UP TO FIVE (5) BUSINESS DAYS PRIOR TO THE BID OPENING DATE. ANY QUESTIONS RECEIVED AFTER THIS DATE WILL NOT BE CONSIDERED.**

**A MANDATORY PRE-BID MEETING** and subsequent **SITE WALK THROUGH** will be conducted on **TUESDAY, FEBRUARY 11, 2025, at 2:00 pm** at the St. Lucie West Services District Water Treatment Plant, located at 450 SW Utility Drive, Port St. Lucie, FL 34986. Bidders are required to attend these functions for their bid to be considered responsive. Since the plant is a facility with restricted access, Bidders are encouraged to also invite any of their trade subcontractors, specialty subcontractors or vendors to this event. Participants attending the site visit must wear personal protection equipment (PPE) for the site walk through.

The Bid Proposal must be accompanied by a bid security in an amount not less than five percent (5%) of the total bid. The bid security can be in the attached Prescribed Bid Bond form, which shall be executed by the Bidder and a qualified Surety, satisfactory and payable to the St. Lucie West Services District, Board of County Supervisors. The bid security can also be in the form of a certified check or cashier's check on a solvent national or state bank. The successful contractor must execute a one hundred (100%) Surety Performance and Payment Bonds. **NO BIDDER MAY WITHDRAW HIS BID WITHIN 120 DAYS FROM BID OPENING DATE.**

In general, the project consists of the construction of one (1) deep injection well (IW-2) at the St. Lucie West Services District Water Treatment Plant, located at 450 SW Utility Drive, Port St. Lucie, Florida 33896

The scope of work includes, but is not limited to furnishing all materials, labor, and equipment necessary to construct one (1) Class I injection well for RO concentrate disposal with a fluid filled annulus and final casing diameter of 8.80-inch OD to approximately 2,700 feet bls and a total borehole depth of approximately 3,300 feet bls, including pilot hole drilling, lithologic and water quality sampling, geophysical logging, coring, packer testing, and internal and external demonstrations of mechanical integrity as described in these specifications. The work also includes the design and construction of all temporary utilities necessary to construct the injection well including piping for formation discharge water, injection test water, drilling and piping for surficial water

wells, and electrical power.

The construction time from Notice to Proceed is 180 consecutive calendar days to Substantial Completion and 240 consecutive calendar days to Final Completion.

The District has allocated certain funds for this project. Should the amounts bid exceed expected levels, the Owner reserves the right to either reduce quantities and/or delete elements of the work while proceeding at the prices bid or reject bids and re- advertise at its sole option.

One of the following licenses is required: State General Contractor, General Engineering Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes. (See Instruction to Bidders, Section 13). Also see SP 1.0 of the Special Provisions for additional bidder qualifications and minimum construction experience requirements to be provided at bid submittal. Bidders shall demonstrate relevant minimum experience by submitting proof with their bid submittal contract experience as required below:

Bidders shall submit proof, along with their bid, that their firm has successfully completed comparable projects meeting the following criteria:

1. Successful completion of at least one (1) Underground Injection Control (UIC) Class I Deep Injection Well, with a minimum casing diameter of 14 inches to a depth of at least 2,700 feet in Florida, and fluid-filled annulus for nominal 9 5/8-inch diameter FRP within the past ten (10) years. The bidder shall list three (3) references/projects demonstrating experience, ability and expertise in managing projects of similar size:
  - a. For each project, provide UIC Permit Number, Owner's Name and Contact Information, including email.
  - b. For each project, the bidder shall have conducted eight (8) or more packer pumping tests at depths of 1,500 feet or greater to demonstrate confinement. For each project, the bidder shall have collected the requested samples or data to support all of the following: FDEP casing seat requests, monitoring zone requests, short-term injection testing requests and requests to commence operational testing
  - c. Experience & expertise in providing log-derived TDS plots. For each project, the bidder shall have provided log- derived TDS plots to support identification of the base of underground sources of drinking water.
2. Capability to construct a 32-inch borehole to 1,800 feet below land surface (bls).
  - a. Bidder shall own drilling fluid circulation systems with capacities, pumps, and tanks capable of constructing a 32-inch borehole to 1,800 feet bls.
  - b. The bidder shall demonstrate that he/she possesses successful experience, ability and expertise to manage drilling fluid circulation systems with capacities, pumps, and tanks to construct a 24-inch borehole to 2,700 feet bls.
3. Capability to construct a 12.25-inch borehole to 3,300 feet below land surface
  - a. Bidder shall own drilling fluid circulation systems with capacities, pumps, and tanks capable of constructing a 32-inch borehole to 1,800 feet bls.
  - b. The bidder shall demonstrate that he/she possesses successful experience, ability and expertise to manage drilling fluid circulation systems with capacities, pumps, and tanks to construct a 24-inch borehole to 2,700 feet bls.
4. Capability to construct a 14-inch injection well casing to 2,700 feet below land surface
  - a. Bidder shall own cementing equipment, mixing capacity, pumping capacity, pressure capacity and dry cement storage volume capable of constructing a 14-inch injection well to 2,700 feet bls.
  - b. Bidder shall demonstrate that he/she possesses successful experience, ability, and expertise to manage cementing equipment, mixing capacity, pumping capacity, pressure capacity and dry cement storage volume capable of constructing a 14-inch injection well to 2,700 feet bls.
5. Capability to reverse air drill a 14-inch borehole to 2,700 feet bls.
  - a. Bidder shall own the equipment necessary to reverse air drill a 14-inch borehole to 3,300 feet.

- b. Bidder shall demonstrate that he/she possesses successful experience, ability, and expertise to manage equipment necessary to reverse air drill a 14-inch borehole to 3,300 feet.
6. Capability to drill to 2,700 feet and with reaming bits up to 24 inches in diameter.
    - a. Bidder shall own at least two (2) complete drilling string assemblies (including bits, collars, drill pipe and any necessary fittings) that could be used to drill to 3,300 feet and with reaming bits up to 14 inches in diameter.
    - b. Bidder shall demonstrate that he/she possesses successful experience, ability, and expertise to manage, maintain and routinely inspect at least two (2) complete drilling string assemblies (including bits, collars, drill pipe and any necessary fittings) that could be used to drill to 3,300 feet bls and with reaming bits up to 14 inches in diameter.
  7. Capability to provide at least two (2) drilling rigs for installation of large diameter casings from 14 inches up to 52 inches in diameter. The drilling rigs must allow the casings to pass through the rig floor. The hook load rating shall be 300,000 lbs. or greater.
    - a. Bidder shall own at least 2 drilling rigs installation of large diameter casings from 14-inch up to 52-inch in diameter. The drilling rigs must allow the casings to pass through the rig floor. The hook load rating shall be 300,000 lbs. or greater.
    - b. Bidder shall demonstrate that he/she possesses successful experience, ability, and expertise to manage these rigs for simultaneous installation of a large diameter casings from 14-inch up 52-inch in diameter (drilling rigs must allow the casings to pass through the rig floor, with hook load rating of 300,000 lbs. or greater).

Bidders shall submit, along with their bid, the bidding submittal information on the Proposal Form as defined in Volume II Section 01010, Paragraph 1.04 A, which includes the following:

1. List of references
2. Resumes' of key personnel
3. List of equipment
4. List of subcontractors

A complete set (electronic) of the Contract Documents may be obtained from the following:

Aimee Willis  
HydroDesigns, LLC  
P.O. Box 3535  
Riverview, FL 33569  
(813)-610-5071  
geode933@aol.com

The Board of Supervisors, St. Lucie West Services District, Florida, reserves the right to reject any or all bids, to waive any informality in any bid or to re-advertise for bids. Bids from any person, firm, or Corporation in default on other contracts or agreements with the District may be rejected. Failure by the Bidder to satisfy claims on previous contracts with the Owner may be cause for rejection of his bid.

Dominick Graci, Chair  
St. Lucie West Services District  
St. Lucie County, Florida

**END OF ADVERTISEMENT FOR BIDS**