

Request for Proposals
Pender County Schools
South Topsail Elementary School
Connection of on-site wastewater system to municipal sewer

Bid Deadline: September 9, 2019

Bid Opening: September 12, 2019

1. General

Pender County Schools is accepting written proposals from qualified firms to provide design build architectural, engineering, and construction services for connecting the school's wastewater collection system to the municipal sewer service (Pluris) on Hoover Rd.

The construction will take place on the school site. At no time will the construction be allowed to impact the school's daily activities, including after school and extra-curricular activities.

Proposals must provide pricing for the Base Bid and Alternates #1 and #2 to be responsive.

The proposals must include the following to be responsive:

Base Bid

- Pump Station Upgrades
- Bypass Pump Connections
- Valve Vault
- 8" C900 Pipe (footage to be determined by contractor)
- 2" SDR21 Pipe
- HDPE Bores
- Gravel Drives
- Asphalt Drives
- Concrete Driveways
- Seed and Straw
- Fittings
- Testing
- Reverse Tap
- Erosion control measures
- All Required Permitting

- **Alternate #1:** Utilize Existing lift stations at school and existing treatment plant lift station for pumping, but upgrade pumps and piping
- **Alternate #2:** Clean out and fill in existing treatment plant filter bed and disposal pond, plus remove existing valve boxes and pressure relief valves on drip field

It is anticipated that the awarded firm will work with the school district during the 2019-2020 school

year following the phases of schematic design, design development and design documents. At each phase of completion, the firm will meet with the district to receive approval of design and pricing prior to moving to the next phase of construction. The facilities will be available to the awarded firm to begin construction upon bid acceptance and agreement on a schedule of construction. PCS will make payment once construction is complete and the project is accepted and approved by the State DEQ and local Municipality (Pluris) as satisfactory.

If any changes are made to this RFP, an addendum will be issued. Addendum will be emailed to all bidders on record.

All questions regarding this RFP must be submitted in writing via email. Verbal response by the district, its representatives or others are not binding or valid. Each firm must submit all questions in writing to darren_lafon@pender.k12.nc.us seven (7) days prior to the opening of bids, **September 9, 2019**. A response to all questions will be submitted in writing via email to all bidders.

All proposal bids must be in writing, and in a sealed envelope by no later than **September 9, 2019**. Proposals can be mailed, or hand delivered to the following address:

**Darren Lafon
Chief Operations Officer
Pender County Schools
925 Penderlea Highway
Burgaw, NC 28425**

Bidders may correct, modify or withdraw a proposal by written notice received by the PCS prior to the time and date set for proposal submittal, **SEPTEMBER 9, 2019**.

PCS may cancel this RFP, or reject in whole or part of **all** bids, if PCS determines that the cancellation or rejection serves the best interest of PCS.

All bids submitted in response to this RFP must remain for ninety (90) days following the bid opening.

PCS is not responsible for any cost incurred or associated with any firm's preparation of a response to this RFP.

A full site survey has not been completed. It will be the responsibility of the contractor to make themselves familiar with the site and the site conditions prior to submitting a proposal.

2. Background

South Topsail Elementary School is currently utilizing an on-site wastewater disposal facility situated behind the school. The on-site system has sustained serious damage from Hurricane Florence and is in need of substantial repairs.

3. Primary Function of the complex

The following functions have been identified as primary requirements to be incorporated in the design of the sewer tie-in to the municipal sewer system.

The system must be designed as follows:

1. Upgraded pumps, controls, and rail systems inside the existing lift station behind the cafeteria
 - a. Capacity of the lift station and pumping capacity of the pumps must meet all State requirements, as well as all requirements set forth by the local sewer provider (Pluris)
2. Installation of a new force main leaving the lift station, and connecting with the existing Pluris force main on Hoover Rd
 - a. All pipes and fittings must meet state, local, and municipal standards for construction
 - b. The complete system, once installed, will be required to meet pressure testing requirements
3. A tap will be made on Hoover Rd at the end of the existing Pluris force main to connect the school's new force main to the municipal sewer line.

Scope of Services

- a. Facility assessment
 1. Meet with PCS to finalize the scope and schedule of the project
 2. Perform geotechnical investigations if required
 3. Complete a topographic survey for final design if necessary
 4. Complete a wetlands delineation and address any other environmental impact as required for areas disturbed by the project
- b. Schematic Design
 1. Expected to be a minimum of one meeting
 - a. Review zoning, easements, wetlands requirements with PCS
 1. Prepare a schematic layout or layouts of the entire project
 2. Prepare a preliminary construction opinion of cost and schedule
 3. Present these project concepts to PCS with recommendations
 4. Prepare a colored rendering for presentation purposes regarding the site and building plans. Rendering must be presentable to the public and in a format that can electronically posted to PCS website
 - b. Be available to provide updates to the PCS Board of Education as needed or requested
 2. Permitting Services
 - a. Identify and obtain any local, state, and/or federal permits as may be required
 - b. Detailed design development and preparation of contract documents
 1. Expected to attend, but not limited to, two meetings
 2. Preparation of contract and construction documents consistent with the approved schematic design
- c. Bid Award and construction period services
 - a. This is a design build project
 1. PCS is looking for a General Contractor to manage all design and construction services. It is our desire that the General Contractor will provide the most cost-effective solution to meet the needs of the students, athletes and community.
 2. Any specialty design or construction that utilize the skills of specialty firms must be identified in the firm's proposal.
 3. The General Contractor is solely responsible for any and all sub-contractors needed for the completion of the project. PCS is not responsible for payment of any kind to sub-contractors
 4. Provide standard construction period schedules, preconstruction conference,

submittal review, site security during construction, contract administration and closeout as built drawings