

**SOUTH DAKOTA SCIENCE AND TECHNOLOGY
AUTHORITY**

**REQUEST FOR PROPOSAL
New Pipe Installation at Wastewater Treatment Plant
(WWTP Gravity Flow Upgrades)**

RFP #2021-19

Mandatory Site Visit:	July 15, 2021
Pre-Registration for Site Visit	July 13, 2021 (by close of business)
Questions Posted:	July 20, 2021 (by close of business)
Questions & Answers Posted:	July 23, 2021
Proposal Due Date:	August 3, 2021 (by 2:00 P.M.)

1. PURPOSE:

This Request for Proposal (RFP) is issued by the South Dakota Science and Technology Authority (SDSTA) for Construction Services in accordance with SDSTA guidelines. An individual firm will be selected for a fixed price contract based on the total cost listed on the project bid sheet, demonstrated competence, and qualifications for the required work. The following attachments are provided.

- A. Draft Contract (2021-19)
- B. Draft Construction General Conditions Agreement
- C. Bid Security Form (to be submitted with proposal)
- D. Payment and Performance Bond Form (informational – to be submitted with contract)
- E. WWTP Gravity Flow Upgrades Bid Sheet
- F. Relevant Graphics and Photos
- G. Design Drawings
- H. Specifications
 - a. Division 1 Guide Specification
 - b. UFGS 33 11
 - c. ASTM D 2321-20
- I. Contractor Pre-Qualification & ESH Questionnaire

Construction services are required for:

Installation of new pipe to bypass flow restrictive areas of the WWTP and increase the amount of gravity flow through the plant as specified in the accompanying set of engineering drawings and specifications.

This announcement is open to all businesses regardless of size. The contract is anticipated to be awarded in August 2021 and work completed within 150 calendar days from notice to proceed.

2. SCOPE OF WORK:

- a) Install new pipe to allow water to flow directly from the RBC channel to the existing below grade pipe:
 - Tie into existing below grade 24” discharge piping at the RBC channel with a new 20” HDPE line.
 - Install approximately 120 ft of below grade 20” HDPE line (including all pipe fusing, valves, and valve boxes) and connect to the discharge piping off the cooling reservoir. Note: assume 12” parallel discharge pipes are steel, not plastic as shown on the original drawing graphic.
 - All associated trenching and backfilling.
 - Reference Attachment F.2-F.3
- b) Install a bypass around the Yardney filter pumps including the installation of an electric keystone modulating valve and card with Victaulic adapter. Refer to Attachment F.4.
- c) Replace approximately 50 ft of corroded 12” piping in the sand filter building from the building entrance to the sand filter entrance. Refer to Attachment F.5-F.8.

3. SELECTION CRITERIA: The selection criteria for this project are listed below in descending order of importance (first by major criterion and then by each sub-criterion).

1. Specialized experience and technical competence in:
 - a. Heavy construction
 - b. Excavation and installation of waterlines, with all required licenses/certificates with the State of South Dakota
 - c. Excavation safety procedures and all required safety devices, i.e. trench boxes, knowledge of OSHA trenching codes (move to b)
2. Construction safety practices and procedures, and safety record relating to the scope of work.
3. Qualified professional personnel in the following key disciplines: project management, project supervision, heavy construction of underground pipe, and heavy equipment operation.
4. Past performance on SDSTA, US Department of Energy, State of South Dakota or other contracts with respect to cost control, quality of work, and compliance with performance schedules.

4. SUBMISSION REQUIREMENTS:

1. Submit the proposal in digital format as a pdf file with standard letter size (8.5"x11") format except for general arrangement drawings. Proposals are not to exceed 50, and each side of a sheet is a considered one page. Use no smaller than 12-point font. Proposals must contain the following:
 - Firm name and address.
 - Year established under the current name.
 - Contact information for a representative of the prime contractor or joint venture.
2. Describe the qualifications of the firm and the specific individuals who will be assigned to the work. Specifically include:
 - The contractual relationship, name, and a brief description of the named subcontractors that would be used. Any future change must be approved by the SDSTA.
 - An organizational chart of proposed team.
 - Resumes of key personnel proposed for this contract, project manager and project superintendent at a minimum.
3. Describe at least two projects of similar size and scope completed in the last five years which illustrate the proposed team's qualifications and specialized experience in excavation and pipe installation. Example(s) should note the customer, location, and date of the project.
4. Describe the firm's safety programs and the safety programs of all subcontractors who will be working on the project. Provide safety records for the past 5 years, including incident/injury records, OSHA300 logs and EMR data.
5. Proposed costs must be submitted on the prescribed bid sheet (Attachment E) with all blank spaces for bid prices filled in electronically or handwritten in ink. If any omission is discovered after submitting the bid, contact SDSTA and provide notice of the omission and add the appropriate line item to the bid sheet. The offeror's fixed price shall constitute full payment for the work, materials, services, quality control testing, and other items required; and include all applicable federal, state, and local taxes, duties, and permits.
6. Include any exceptions to the draft contract, terms and conditions, or other bid materials.

5. GENERAL REQUIREMENTS:

Interested firms having the capability to perform this work may email one copy of the proposal to Michele Baumann at mbaumann@sanfordlab.org by 2:00 p.m. **August 3, 2021**. SDSTA reserves the right to conduct interviews as required.

All offerors are required to attend a site visit **July 15, 2021, from 9:00 a.m.-11:00 a.m. MT** at SURF, 630 East Summit Street, Lead South Dakota. Pre-registration is required. Contact Michele Baumann at mbaumann@sanfordlab.org by close of business **July 13, 2021**, to register and receive instructions. Only companies represented at the site visit will be eligible to submit proposals.

Please direct all questions in writing to Michele Baumann at mbaumann@sanfordlab.org by close of business **July 20, 2021**. Question and answers will be posted as an amendment to this RFP by 2:00 P.M. **July 23, 2021**.

The proposal period may be extended at the discretion of SDSTA based on the quantity and/or complexity of questions. Any notices of extension of time to respond will be distributed to all prospective Offerors by SDSTA.

A firm fixed price contract will be awarded to the contractor submitting the best value for the project. Part of the best value basis will be the total cost according to the items and quantities listed on the project bid sheet. The bid proposal will be evaluated by the SDSTA Selection Committee. The Selection Committee will recommend an Offeror by consensus based on best value. The contract is anticipated to be awarded in August 2021 and completed within 150 calendar days from issuance of Notice to Proceed. To be eligible for contract award, a firm must be registered as a business entity with the South Dakota Secretary of State.

All communications regarding this procurement between RFP release and contract award shall be directed by email to Michele Baumann at mbaumann@sanfordlab.org. Communications with other SDSTA staff regarding this procurement in advance of the contract award are not allowed.