



2/7/2024

North Fork Special Service District
8838 Alpine Loop Scenic Byway,
Sundance, UT 84604

Subject: North Fork Special Service District
Stewart Springs – Horizontal Directional Drilling for Spring Collection

Dear Mr. Wright:

Ardurra is pleased to provide this proposal relating to design services for the redevelopment of the North Fork Special Service District (NFSSD) Stewart Springs project.

The productivity of the Stewart Springs culinary water source has decreased in recent years. The district has had recent successful projects geared towards increasing spring collection productivity. At a meeting on site in July 2024 with representatives from the District, Ardurra, and Lithos directionally drilling into the hillside at Stewart Springs was explored as an additional solution to increase well productivity and reliability.

This scope of work proposes three horizontal wells using horizontal drilling techniques and connecting the wells to the existing culinary water system. This scope of work is in coordination with the proposed scope of work provided by Lithos on January 10, 2024. Lithos is expected to contract directly with the district.

Scope of Work

The scope of work for this project is as follows:

Task 1: Bid Documents and Specifications

Ardurra will prepare documents necessary for bidding the project including contracts and technical specifications in conjunction with the technical specifications prepared by Lithos as outlined in their proposal dated January 10, 2024.



Task 2: Project Drawings

Ardurra will prepare the drawings for the effort including cover sheet, general notes, site plan, connection details, and other details as required. This will be in coordination with the Lithos tasks outlined in their proposal dated January 20, 2024. These drawings will be produced using existing survey data for the site.

Task 3: Bidding Services

Ardurra will provide the District with the bid documents for the District to post for bidding. Ardurra will work with Lithos to identify contractors capable of performing the construction and will perform bid opening services for the district. This task will include answering questions and providing clarification as needed.

Task 4: Division of Drinking Water Coordination

Ardurra will coordinate with the Utah Division of Drinking Water to ensure requirements of the division are achieved.

Excluded Services

This scope of work does not include the following services:

1. Construction management services
2. Survey services
 - a. Due to other recent projects in the past, Ardurra does not anticipate any survey services for design
 - b. Construction survey may be added as an additional service if required, but is not included in this scope of work
 - c. Survey for record drawings is anticipated to be performed by the District.
3. Preparation of record drawings
4. Wetland or flood zone delineation or mitigation
5. Water rights research and/or coordination w/ water rights Attorneys without further scope definition
6. Water quality testing services
7. Legal documents, title reports, and filing fees
8. Any permitting not specifically identified in the scope of work
9. Anything not explicitly included in this proposal



Date

Anticipated Fees

Fees for the scope of work included herein will be on a not-to-exceed basis with the services anticipated to be \$21,000. If additional services are requested, Ardurra will perform those on a time and expense basis.

Sincerely,

Blake Sonderegger
E.I.T.