



December 7, 2023

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

Attn: Chris Wright, Superintendent

**SUBJECT: Proposal for Engineering Design – Wastewater Treatment Plant Upgrades
Change Order #1 – UV Disinfection**

Dear Chris:

Per the 60% review meeting for this project, the NFSSD Wastewater Committee requested the addition of an ultraviolet disinfection system to the treatment system. This system is not required to meet the current discharge permit and was not part of Ardurra's original engineering scope (attached) for this project. Therefore, we are providing you with this change order proposal.

Scope of Work

Change Order #1 will add design of an ultraviolet disinfection system (tertiary treatment) to the engineering scope for the larger wastewater treatment system upgrade.

PROJECT TASKS:

Change Order #1 – UV Disinfection System: Incorporation of a UV disinfection system into the existing WWTP upgrade project scope. Scope will include all work from engineering through construction and startup, in alignment with the larger project. This change order encompasses revisions to the preliminary engineering report, cost estimates, all mechanical/civil/structural/ electrical/HVAC/plumbing design, creation of Issue for Permit drawing sets for submittal to local building review authorities, final Issue for Construction drawings, calculations, bidding, construction services, and as-built drawings stamped as necessary by a Utah-licensed PE relating to the UV system. UV system will be incorporated into the larger project as an "Optional Adder" that can be selected by the District after bids are received.

Proposed Fee

Ardurra proposes a lump sum fee of \$34,000 for the scope outlined in the Change Order #1 task. Our proposal is based on knowledge of the project as described in this proposal.

Proposed Schedule

We anticipate the addition of this scope item will add one week to the original proposal schedule due to changes to drawings that are progressing from 60% to 90% complete.



We look forward to continuing to work with NFSSD on this project. Should you have any questions please do not hesitate to contact me by phone or email.

Thank you,

Charlie Smith
Project Manager
(208) 473-9886
csmith@ardurra.com