

BID SCHEDULE
Rifle Falls SFU - Isolation Building
SCA23A

Base Bid: Furnish and install all materials and labor for the completion of the Base Bid Improvements per the Construction Drawings and Specifications

Base Bid Items:	Quantity	Unit	Unit Cost	Total Item Cost
1. Mobilization	1	LS		
2. Site Grading and Earthwork	1	LS		
3. Site Restoration and Reseeding	1	LS		
4. Compacted ABC	50	TON		
5. Concrete Foundation	23.4	CY		
6. Isolation Building, Complete	1	LS		
7. Concrete Slab	18.4	CY		
8. Channel Drains	73	LF		
9. Water and Sewer Utilities to Building	1	LS		
10. Interior Plumbing	1	LS		
11. Electrical Service	1	ALLOW	\$ 10,000	\$ 10,000
12. Electrical Distribution and Fixtures	1	LS		

Base Bid AMOUNT \$ _____

Base Bid AMOUNT (PLEASE WRITE OUT)

_____ DOLLARS

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Additional Bid Items: Furnish and install all materials and labor for the completion of Additional Bid Items per the Construction Drawings and Specifications. These items are to be completed by the bidder and may be added by the Owner in any combination to arrive at the selection of the lowest responsible bidder. They are NOT to be included in the BASE BID.

Additional Bid Items:	Quantity	Unit	Unit Cost	Total Item Cost
13. Ultraviolet Treatment System	1	LS		
14. Service Sink with Tankless Water Heater	2	EA		
15. Fiberglass Tanks	14	EA		
16. 8-Tray Vertical Incubators	4	EA		

Additional Bid Total AMOUNT \$ _____

Additional Bid Total AMOUNT (PLEASE WRITE OUT)

\$ _____ DOLLARS

MEASUREMENT AND PAYMENT
Rifle Falls SFU - Isolation Building
SCA23A

The following descriptions delineate the Work, materials, and how measurements of completed Work will be made and paid for, for each bid item in the Bid Schedule. The Bidder is to read these definitions and price their proposal accordingly.

Bid Item 1 - Mobilization

Measurement and payment will be in accordance with SECTION 02050 - MOBILIZATION.

Bid Item 2 - Site Grading and Earthwork

This bid item includes all labor, materials, equipment, independent testing services and incidental costs required to perform earthwork in accordance with these bid documents. This includes but is not limited to: any costs for preparatory earthwork, clearing and grubbing, excavation, backfill, compaction, soil testing, and finish grading. Individual items shall not be measured separately but shall be included in the total unit cost. Payment will be made at the lump sum bid price as reported on the Bid Schedule.

Bid Item 3 - Site Restoration and Reseeding

This bid item includes all labor, materials, equipment and incidental costs required to restore the site to preconstruction conditions in accordance with these bid documents. This pay item includes, but is not limited to: removal of all construction debris and materials, final grading, placement of topsoil, and reseeded. Individual items shall not be measured separately but shall be included in the total unit cost. Payment will be made at the lump sum bid price as reported on the Bid Schedule.

Bid Item 4 - Compacted ABC

This bid item includes all labor, materials, equipment, independent testing services and incidental costs required to furnish and place CDOT Class 5 Aggregate Base Course (ABC) in accordance with these bid documents. ABC shall be placed at optimum moisture content and compacted to a minimum 95% of standard proctor density. The method to bring mixture to optimum moisture and density will not be measured or paid for separately, but shall be included in the unit price for this item. Measurement for this item will be according to load tickets delivered to the site, and paid at the unit price per ton as reported on the Bid Schedule. The load tickets shall be submitted by the Contractor with the pay application.

Bid Item 5 - Concrete Foundation

This bid item includes all labor, materials, equipment, independent testing services and incidental costs required to furnish and install reinforced concrete foundations in accordance with these bid documents. This pay item includes but is not limited to: formwork, reinforcement, inserts and fastening devices, and all other supplies necessary for installation as described in the drawings and specifications. These additional items shall not be measured separately but shall be included in the total unit cost. Quantities shall be measured according to the neat lines of the Foundation Plan, and paid at the unit price per cubic yard as reported on the Bid Schedule.

Bid Item 6 - Isolation Building, Complete

This bid item includes all labor, materials, equipment and incidental costs required for the complete construction of the Isolation Building in accordance with these bid documents. This includes, but is not limited to:

- The complete furnishing, fabrication, and erection of the insulated wood and metal

building.

- All structural systems, building and foundation insulation, doors, windows, wall panels, flashing, trim and incidental hardware required for the complete building system.

The building will be measured and paid as a completed building unit in place. Progress payments will be made based on a percentage of the completed work, at the lump sum price as reported on the Bid Schedule.

Bid Item 7 - Concrete Slab

This bid item includes all labor, materials, equipment, independent testing services and incidental costs required to furnish and install the interior concrete slab in accordance with these bid documents. This pay item includes but is not limited to: formwork, reinforcement, sealants, joint fillers, finishing, and all other supplies necessary for the complete installation. These additional items shall not be measured separately but shall be included in the total unit cost. Quantities shall be measured according to the neat lines of the Foundation Plan, and paid at the unit price per cubic yard as reported on the Bid Schedule.

Bid Item 8 - Channel Drains

This bid item includes all labor, materials, equipment and incidental costs required to furnish and install the pre-cast concrete channel drains in accordance with these bid documents. This includes but is not limited to: channels, grating, end caps, outlets, installation brackets, rebar, and all additional hardware and incidental costs associated with the complete channel drain installation. Individual items shall not be measured separately but shall be included in the total unit cost. Payment will be made at the unit price per lineal foot of complete channel drain as reported on the Bid Schedule.

Bid Item 9 - Water and Sewer Utilities to Building

This bid item includes all labor, materials, equipment, independent testing services and incidental costs required to install water and sewer utilities from the indicated connection points to the interior of the building in accordance with these bid documents. Backfill for utility trenches shall be moisture adjusted, placed in loose lifts not exceeding 1 foot, and compacted to a minimum of 95% of standard proctor density throughout the fill. The method to bring mixture to optimum moisture and density will not be measured or paid for separately, but shall be included in the unit price for this item. Individual items shall not be measured separately but shall be included in the total unit cost. Payment will be made at the lump sum unit price as reported on the Bid Schedule.

Bid Item 10 - Interior Plumbing

This bid item includes all labor, materials, equipment and incidental costs required to complete the installation of interior plumbing up to the plumbing fixtures in accordance with these bid documents. This includes but is not limited to: interior piping, fittings, hangers, valves and all additional hardware and incidental costs associated with the complete plumbing system installation outside of bid items 13-16. Individual items shall not be measured separately but shall be included in the total unit cost. Payment will be made at the lump sum unit price as reported on the Bid Schedule.

Bid Item 11 - Electrical Service

This bid item includes all necessary coordination and communication regarding the installation of the electrical service line. The contractor will be required coordinate with **Xcel Energy** to ensure that the electrical service is installed within the project schedule at the price agreed upon. This bid item will be paid as an allowance at the price quoted by **Xcel Energy** as shown on the bid schedule.

Bid Item 12 - Electrical Distribution and Fixtures

This bid item includes all labor, material, equipment and incidental costs required to install electrical service from the transformer to the building, and distribution and fixtures within the building in accordance with these bid documents. This includes, but is not limited to:

- Service panels, C.T. cabinet, meter socket, disconnect panels, overhead wiring, ties, system grounding, connection testing and any other cost associated with the complete electrical system.
- All electrical distribution within the building, conduit, wiring, switches, outlets, lights, fans, heaters and any other cost associated with the complete electrical system outside of Bid Item 11.

This bid item also includes all required drawings, submittals, certifications and inspections. Individual items shall not be measured separately but shall be included in the total unit cost. Payment will be made at the lump sum unit price as reported on the Bid Schedule.

The following bid items are to be completed by the bidder, and are additional items which are NOT to be included in the Base Bid. They may be added in any combination to arrive at the selection of the lowest responsible bidder. All bid items shall include costs associated with additional mobilization and insurance required above that necessary to complete the base bid.

Additional Bid Item 13 - Ultraviolet Treatment System

This bid item includes all labor, materials, equipment and incidental costs required to complete the installation of the Ultraviolet Treatment System in accordance with these bid documents. This includes but is not limited to: UV treatment vessel, bulbs, quartz sleeve, intensity and temperature sensors, power supply, enclosure and mounting hardware, Pro-Series control, and all additional hardware and incidental costs associated with the complete system installation. Additional items shall not be measured separately but shall be included in the total unit cost. If selected, payment will be made at the lump sum unit price as reported on the Bid Schedule.

Additional Bid Item 14 - Service Sink with Tankless Water Heater

This bid item includes all labor, materials, equipment and incidental costs required to install Service Sinks with Tankless Water Heaters in accordance with these bid documents. This includes but is not limited to: sinks, faucets, water heaters, additional plumbing, valves, and all additional hardware and incidental costs associated with the complete sink installation. If selected, payment will be made for each sink with hot water heater completely installed at the unit cost reported on the Bid Schedule.

Additional Bid Item 15 - Fiberglass Tanks

This bid item includes all labor, materials, equipment and incidental costs required to install 48"D x 30"H Fiberglass Tanks in accordance with these bid documents. This includes but is not limited to: fiberglass tanks, leveling legs, drain connections, and all additional hardware and incidental costs associated with the complete tank installation. If selected, payment will be made for each tank completely installed at the unit cost reported on the Bid Schedule.

Additional Bid Item 16 - 8-Tray Vertical Incubators

This bid item includes all labor, materials, equipment and incidental costs required to install 8-Tray Vertical Incubators in accordance with these bid documents. This includes but is not limited to: aluminum frame, egg trays, screens, and all additional hardware and incidental

costs associated with the complete incubator installation. If selected, payment will be made for each incubator assembly completely installed at the unit cost reported on the Bid Schedule.

As a footnote to the bid items, the following items have NOT been included as specific pay items and ARE to be considered incidental to the construction for which they are required:

- Testing
- State electrical permits and inspections
- Water, watering, and dust control
- Dewatering
- Temporary facilities and utilities
- Traffic control
- Barricades and other required safety provisions

This concludes the bid items listed in the proposal. The only payments made under this contract are for the bid items listed herein, and no additional payments will be made to the Contractor for work specified or shown in these Contract Documents. If any discrepancies exist, the Contractor shall notify the Project Manager in writing, requesting clarification.

END OF SECTION