

**Springville City
BARTHOLOMEW WATER TANK
Contract Documents**

ADDENDUM #03

June 08, 2018

To all Plan Holders:

You are hereby notified that the following changes, clarifications, and/or corrections have been made to the Contract Documents and Specifications, and /or Drawings for the above referenced project.

This ADDENDUM consisting of 6 page(s) shall be made part of the contract documents, and all provisions of the Contract shall apply thereto.

Proposers shall acknowledge receipt of this addendum in the space provided in the Bid Form.

CONTRACT DOCUMENTS AND SPECIFICATIONS

1. Specification Section 00310 – Bid Schedule
 - a. Added quantity to bid item #21
2. Specification Section 01025 – Measurement and Payment
 - a. Revised bid item #4 Method of Measurement to lump sum
 - b. Revised Bid Item #21 Method of Measurement to Square Foot

CONTRACT DRAWINGS

1. None

- END OF ADDENDUM -

SECTION 00310

BID SCHEDULE

1.01 PROJECT IDENTIFICATION

A. Name: **Bartholomew Water Tank**

B. Submitted to: Springville City
110 South Main
Springville City, Utah 84663

1.02 RELATED SECTIONS

Section 01025: Measurement and Payment

1.03 SCHEDULES TO BE ADDED TO THE AGREEMENT

This Bid Schedule contains the schedule of values which will be incorporated into the Agreement (Section 00500) by reference.

1.04 BID SCHEUDLE

A. Approach To Work and Constraints

The following shall be considered in preparing the Bid Schedule:

1. Excess excavated native soils may be placed within a ¼ mile of the project site.
2. Access through the job site shall be provided at all times.
3. Night work will be allowed (if requested), but not required.
4. Cost of mobilization is limited to no greater than 5% of the cost of construction.

B. Schedule of Values

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT COST	TOTAL AMOUNT
1	Mobilization	1	LS		\$
2	Construction Staking	1	LS		\$
3	Site clearing	1	LS		\$
4	Water tank excavation	1	LS		\$
5	500,000 gallon water tank	1	LS		\$
6	Weir structure	1	LS		\$
7	Meter vault (Detail 4, sheet DT-	1	LS		\$

	01)				
8	24-inch ductile iron pipe	150	LF		\$
9	20-inch ductile iron pipe	55	LF		\$
10	24-inch ADS drain pipe	95	LF		\$
11	12 inch PVC pipe	205	LF		\$
12	Connecting to existing 20-inch waterline (Detail 2 & 3, sheet DT-01)	2	EA		\$
13	24-inch butterfly valves	2	EA		\$
14	20-inch butterfly valves	2	EA		\$
15	12-inch butterfly valve	1	EA		\$
16	Air/Vacuum valve and structure	1	LS		\$
17	Tank drain outlet (Detail 6, sheet DT-02)	1	LS		
18	Chlorine Injection and Chlorine water line (Injection Detail, sheet DT-01 and Detail 5, Sheet DT-01)	1	LS		\$
19	Remove and reuse existing fence	175	LF		\$
20	Security Fence	175	LF		\$
21	Final grading and seeding	20,000	SF		\$
22	Electrical work	1	LS		\$
23	Overflow Junction Box	1	LS		\$
24	Tank Foundation Drain	1	LS		\$
25	Building Permits	1	LS	\$9,500	\$9,500
BID TOTAL					\$

1.05 BIDDER'S ACKNOWLEDGEMENT

The BIDDER acknowledges to the OWNER that the BID provided herein includes total cost required to build a fully functioning project including all work, materials, appurtenances, accessories, and related items as outlined within these specifications and shown in the drawings.

COMPANY: _____

Signed: _____

Title: _____

Date: _____

- END OF SECTION -

BID ITEM	ITEM	METHOD OF MEASUREMENT	BASIS OF PAYMENT
			DELETE THIS PAGE - JUST USED TO ADJUST PAGE NUMBERING
1	Mobilization	Not measured; paid for on a lump sum basis	<p>Payment shall be considered full compensation for general and miscellaneous responsibilities and operations not normally attributed to any other single bid item within this schedule. This shall include, but is not limited to, work described or enumerated in Section 01505, Mobilization and mobilizing to and from the project, clean-up, temporary utilities, payment and performance bonding, insurance, permits, and pre-construction video records.</p> <p>Work completed under this bid item shall be paid for at the contract lump sum price in accordance with the following schedule:</p> <p>a. At 10% of project completion, 25% of the lump sum amount will be paid.</p> <p>b. At 25% of project completion, 50% of the lump sum amount will be paid.</p> <p>c. At 50% of project completion, 75% of the lump sum amount will be paid.</p> <p>d. At 75% of project completion, 100% of the lump sum amount will be paid.</p>
2	Construction Staking	Not measured; paid for on a lump sum basis	Payment shall be considered full compensation for all labor, equipment and materials necessary for all staking necessary for construction location.
3	Site Clearing	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary for removing, hauling and disposing of trees, stumps, tree debris, plant life, root systems and shrubs.
4	Water tank excavation	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary to excavate, remove, haul off to a location 1/4 mile away, and backfill as required. Payment includes any necessary hauling, trucking and disposal fees for tank and final grade excavation and backfill and over excavation and backfill for construction purposes.
5	500,000 gallon water tank	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary to construct one fully functioning 500,000 gallon reinforced concrete water tank, roof columns, roof and tank appurtenances, such as but not limited to, drain, overflow, inlet, hatch, ultrasonic level sensor, level sensor mount, level sensor housing, etc.

BID ITEM	ITEM	METHOD OF MEASUREMENT	BASIS OF PAYMENT
6	Weir structure	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary to construct one fully functioning reinforced concrete weir structure, cover, hatch, inlets and outlets and weir plate supply and installation. Work includes excavation, dewatering, shoring, building the new weir structure around existing 30" water line, cutting and removing existing water line, patching structure walls as necessary when pipe is removed, capping the existing pipe on the south side of the structure, backfill and compaction around structure. The spring flow is only allowed to be interrupted for 1 week maximum.
7	Meter vault (Detail 4, sheet DT-01)	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary to construct and install one 8' x 8' precast meter vault. Includes excavation, setting of precast vault with sump with protective grating, cover, hatch, sample tap electromagnetic flow meter, piping and fittings, backfill, compaction and incidental work required.
8	24-inch ductile iron pipe	Linear foot of pipe installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to furnish and install 24-inch ductile iron pipe (tank inlet, outlet and overflow piping); including excavation, trench shoring, dewatering, fittings to connection to new tank and achieve required elevations, thrust blocking, bedding, backfill, compaction and incidental work required. Compensation to also include 30-inch ductile iron pipe and 30"x24" reducer to connect to new weir structure.
9	20-inch ductile iron pipe	Linear foot of pipe installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to furnish and install 20-inch ductile iron pipe (hydro plant line and outlet after mag meter); including excavation, trench shoring, dewatering, fittings to connection to weir structure and achieve required elevations, bedding, backfill, compaction and incidental work required.
10	24-inc ADS drain pipe	Linear foot of pipe installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to furnish and install 24-inch ADS pipe (weir drain line); including excavation, shoring, dewatering, connection to new weir structure and drain junction box, fittings, bedding, compaction and incidental work required.
11	12-inch ductile iron pipe	Linear foot of pipe installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to furnish and install 12-inch ductile iron pipe (tank drain line); including excavation, trench shoring, dewatering, connection to water tank, fittings, thrust blocking, bedding, backfill, compaction and incidental work required.
12	Connection to existing 20-inch waterline (Detail 2 & 3, sheet DT-01)	Each connection made.	Payment shall be considered full compensation for all labor, equipment and materials necessary to connect to existing 20-inch Hydro outlet; including excavation, trench shoring, dewatering, bedding, backfill, compaction and incidental work required. Not including valves.

BID ITEM	ITEM	METHOD OF MEASUREMENT	BASIS OF PAYMENT
13	24-inch butterfly valves	Each valve installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to install 24-inch butterfly valves; including excavation, trench shoring, dewatering, bedding, valve box, valve stem extensions, backfill, compaction and incidental work required.
14	20-inch butterfly valves	Each valve installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to install 20-inch butterfly valves; including excavation, trench shoring, dewatering, bedding, valve box, valve stem extensions, backfill, compaction and incidental work required.
15	12-inch butterfly valves	Each valve installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to install 12-inch butterfly valve; including excavation, trench shoring, dewatering, bedding, valve box, valve stem extensions, backfill, compaction and incidental work required.
16	Air/Vacuum valve and structure	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary to install water air-vac; including excavation, trench shoring, dewatering, manhole, fittings and appurtenances, backfill, compaction and incidental work required.
17	Tank drain outlet (Detail 6, Sheet DT-02)	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary to furnish and install 12-inch drain outlet; including excavation, trench shoring, dewatering, fittings, steel gooseneck, screen, thrust blocking, bedding, backfill, compaction, riprap and incidental work required.
18	Chlorine Injection and Chlorine water line (Injection Detail, sheet DT-01 and Detail 5, Sheet DT-01)	Not measured; paid for on a lump sum basis.	Payment for Chlorine Injection line shall be considered full compensation for all labor, equipment and materials necessary to install chlorine injector into new 24-inch ductile iron pipe; including excavation, trench shoring, dewatering, manhole, fittings and appurtenances, connection to existing HDPE pipe, backfill, compaction and incidental work required. Payment for Chlorine water line shall be considered full compensation for all labor, equipment and materials necessary to install chlorine water line into new 20-inch ductile iron pipe; including excavation, trench shoring, dewatering, valve box, fittings and appurtenances, connection to existing HDPE pipe, backfill, compaction and incidental work required.
19	Remove and reuse existing fence	Linear foot of fence installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to remove existing fencing as indicated in the plan set; chain link to be reused and installed as part of the new security fence.
20	Security fence	Linear foot of fence installed.	Payment shall be considered full compensation for all labor, equipment and materials necessary to install remaining new security fence; posts to be furnished and installed for both reused and new portions of the new security fence as required.
21	Final grading and seeding	Square Foot	Payment shall be considered full compensation for all labor, equipment and materials necessary for backfill, grade and reseed with the forest service seed mixture in all areas affected.

BID ITEM	ITEM	METHOD OF MEASUREMENT	BASIS OF PAYMENT
22	Electrical work	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment, materials and coordination necessary to meeting electrical installation requirements; including, but not limited to: furnishing the conduit and all necessary fittings, excavation, installing the conduit, bedding, backfilling, compaction, cable, connections, and all other operations and materials required to complete this portion of the work as shown on the electrical drawings.
23	Overflow Junction Box	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment and materials necessary to construct and install one 4' x 4' precast meter vault. Includes excavation, setting of precast vault, cover, piping and fittings, pipe support, screen, backfill, compaction, riprap swell to channel and incidental work required.
24	Tank Foundation Drain	Not measured; paid for on a lump sum basis.	Payment shall be considered full compensation for all labor, equipment, required fill and materials necessary to construct and install foundation drain system. Includes fill as shown on drawing, piping, back water valve, reducers and fittings to connect into tank <u>drain piping</u> .
25	Building Permits	Not measured; paid for on a lump sum basis.	Building permit, plan check and third party review fees will be reimbursed at actual cost.