

**Sierra County
Board of Supervisors'
Agenda Transmittal &
Record of Proceedings**

MEETING DATE: October 1, 2019	TYPE OF AGENDA ITEM: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Timed <input type="checkbox"/> Consent
DEPARTMENT: Public Works and Transportation	
APPROVING PARTY: Tim H. Beals, Director	
PHONE NUMBER: 530-289-3201	

AGENDA ITEM: Approval of Contract Change Order #2 for the Sierra Brooks Water System Project Making Contract Deletions and Additions to Conform to Approved Project Budget.	
SUPPORTIVE DOCUMENTS ATTACHED: <input type="checkbox"/> Memo <input type="checkbox"/> Resolution <input type="checkbox"/> Agreement <input checked="" type="checkbox"/> Other Draft CCO#2	
BACKGROUND INFORMATION: The Change Order is attached. It is a combination of additions (added back) and deductions due to redundancy. The net result of this change order is a deductive change order of \$25,408.00.	
FUNDING SOURCE: CSA/LOAN AND GRANT-USDA	
GENERAL FUND IMPACT: No Additional General Fund Impact	
OTHER FUND: N/A	
AMOUNT: \$25,508 deductive change order N/A	
ARE ADDITIONAL PERSONNEL REQUIRED? <input type="checkbox"/> Yes, -- -- <input checked="" type="checkbox"/> No	IS THIS ITEM ALLOCATED IN THE BUDGET? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No IS A BUDGET TRANSFER REQUIRED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPACE BELOW FOR CLERK'S USE

BOARD ACTION: <input type="checkbox"/> Approved <input type="checkbox"/> Approved as amended <input type="checkbox"/> Adopted <input type="checkbox"/> Adopted as amended <input type="checkbox"/> Denied <input type="checkbox"/> Other <input type="checkbox"/> No Action Taken	<input type="checkbox"/> Set public hearing For: _____ <input type="checkbox"/> Direction to: _____ <input type="checkbox"/> Referred to: _____ <input type="checkbox"/> Continued to: _____ <input type="checkbox"/> Authorization given to: _____	Resolution 2019- _____ Agreement 2019- _____ Ordinance _____ Vote: Ayes: Noes: Abstain: Absent: <input type="checkbox"/> By Consensus
COMMENTS: _____ _____ _____ _____ _____		
CLERK TO THE BOARD _____	DATE _____	

Date of Issuance:	Effective Date:
Owner: Sierra County Service Area 4A-5A	Owner's Contract No.: CSA 2019-002
Contractor: Farr Construction dba Resource Development Co.	Contractor's Project No.:
Engineer: Keith Knibb, Sauers Engineering	Engineer's Project No.:
Project: Sierra Brooks Water Systems Improvement - Phase II	Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description: Make the following items changes in accordance with contractor proposals and engineering plans;

ITEM	CONTRACT ITEM	UNIT	QTY	AMOUNT
17	Booster Pump Station Paved Access and Driveway ADD BACK	LS	1	\$43,722.00
34	Well No. 3 Paved Access and Driveway add back	LS	1	\$33,871.00
38	SCADA/Telemetry System DEDUCT	LS	1	(\$101,271.00)
32	Well No. 3 Pump Station Building DEDUCT	LS	1	(\$10,200.00)
15	Booster Pump Station Building DEDUCT	LS	1	(\$9,250.00)
2	Traffic Control DEDUCT	LS	1	(\$21,040.00)
45	Fire Hydrant Assembly ADD BACK	EA	10	\$68,000.00
35	Well No. 3 Generator and Transfer Switch ADD BACK	LS	1	\$61,000.00
18	Booster Pump Station Generator & Transfer Switch DEDUCT	LS	-1	(\$61,000.00)
41	6" Pipe and Fittings DEDUCT	LF	-500	(\$17,500.00)
50	Connection to Existing Water Mains DEDUCT	EA	-1	(\$11,740.00)

Attachments: *Sierra Brooks Water System Improvements Project – Phase II Contract Items CCO2*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: <u>\$ 4,380,393.00</u>	Original Contract Times: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
Decrease from previously approved Change Orders No. <u>1</u> to No. <u>1</u> : <u>(\$268,500.00)</u>	[Increase] [Decrease] from previously approved Change Orders No. <u> </u> to No. <u> </u> : Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: <u>\$4,111,893.00</u>	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates

Decrease of this Change Order: <u>(\$25,408)</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: Ready for Final Payment: days or dates
Contract Price incorporating this Change Order: <u>\$4,086,485.00</u>	Contract Times with all approved Change Orders: Substantial Completion: Ready for Final Payment: days or dates

RECOMMENDED: By: <u><i>Keith Knibb</i></u> Title: <u>Project Engineer</u> Date: <u>9-20-19</u>	ACCEPTED: By: <u><i>Tim H. Beals</i></u> Title: <u>Director of Transportation</u> Date: <u>9-20-2019</u>	ACCEPTED: By: <u><i>Jeff Farr</i></u> Title: <u>Contractor Jeff Farr President</u> Date: <u>9-20-19</u>
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Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____

**Sierra Brooks Water System Improvements Project - Phase 2
Contract CSA 2019-002 Items CCO2**

ITEM	CONTRACT ITEM	UNIT	QTY	PRICE	AMOUNT
1	Mobilization	LS	1	\$ 200,000.00	\$ 200,000.00
2	Traffic Control	LS	1	\$ 56,000.00	\$ 56,000.00
3	Clearing and Grubbing	LS	1	\$ 38,000.00	\$ 38,000.00
4	Sheeting, Shoring, and Bracing	LS	1	\$ 43,000.00	\$ 43,000.00
5	Erosion Control BMPs	LS	1	\$ 15,300.00	\$ 15,300.00
6	Rock Excavation	CY	10	\$ 1,400.00	\$ 14,000.00
7	350,000 Gallon Welded Steel Storage Tank	LS	1	\$ 281,088.00	\$ 281,088.00
8	Interior and Exterior Tank Coating	LS	1	\$ 178,700.00	\$ 178,700.00
9	Tank Grading, Site Development, and Access Road	LS	1	\$ 205,000.00	\$ 205,000.00
10	Tank Foundation	LS	1	\$ 55,000.00	\$ 55,000.00
11	Tank Piping, Valves, Vaults, and Drainage	LS	1	\$ 115,000.00	\$ 115,000.00
12	Tank Electrical, Instrumentation, and Telemetry	LS	1	\$ 110,000.00	\$ 110,000.00
13	12" Tank Inlet/Outlet Pipeline	LF	1787	\$ 95.00	\$ 169,765.00
14	Booster Pump Station Mechanical	LS	1	\$ 96,000.00	\$ 96,000.00
15	Booster Pump Station Building	LS	1	\$ 108,000.00	\$ 108,000.00
16	Booster Pump Station Site Work	LS	1	\$ 70,000.00	\$ 70,000.00
17	Booster Pump Station Paved Access and Driveway	SF	1500	\$ 49.00	\$ 73,500.00
18	Booster Pump Station Generator and Transfer Switch	LS	1	\$ 61,000.00	\$ 61,000.00
19	Booster Pump Station Electrical, Instrumentation, and Controls	LS	1	\$ 147,400.00	\$ 147,400.00
20	Utility connection to booster pump station	LS	1	\$ 2,000.00	\$ 2,000.00
21	Well Construction Mobilization and Demobilization	LS	1	\$ 44,000.00	\$ 44,000.00
22	Install and Cement 24-inch I.D. Steel Conductor Casing	LF	50	\$ 450.00	\$ 22,500.00
23	Drill 22-inch Diameter Hole to 450 Depth	LF	400	\$ 160.00	\$ 64,000.00
24	Conduct Electric Logging	LS	1	\$ 6,500.00	\$ 6,500.00
25	Install Blank 12-inch I.D. 0.25 Wall Mild Steel Casing	LF	280	\$ 65.00	\$ 18,200.00
26	Install Mill Slot Mild Steel Casing 0.25 Wall (0.07 Slot)	LF	80	\$ 87.00	\$ 6,960.00
27	Install Well Gravel (6x9 Gradation)	LF	400	\$ 70.00	\$ 28,000.00
28	Development by Airlift-Swabbing	HR	24	\$ 550.00	\$ 13,200.00
29	Development by Pumping and Surging	HR	24	\$ 350.00	\$ 8,400.00
30	Conduct Step Test	HR	9	\$ 350.00	\$ 3,150.00
31	Well No. 3 Pump Station Mechanical	LS	1	\$ 49,000.00	\$ 49,000.00
32	Well No. 3 Pump Station Building	LS	1	\$ 114,000.00	\$ 114,000.00
33	Well No. 3 Pump Station Site Work	LS	1	\$ 50,000.00	\$ 50,000.00
34	Well No. 3 Paved Access and Driveway	SF	600	\$ 110.00	\$ 66,000.00
35	Well No. 3 Generator and Transfer Switch	LS	1	\$ 61,000.00	\$ 61,000.00
36	Well No. 3 Pump Station Electrical, Instrumentation, and Controls	LS	1	\$ 149,800.00	\$ 149,800.00
37	Utility connection to well	LS	1	\$ 2,000.00	\$ 2,000.00
38	SCADA/Telemetry System	LS	1	\$ 205,600.00	\$ 205,600.00
39	10" Pipe and Fittings	LF	2610	\$ 55.00	\$ 143,550.00
40	8" Pipe and Fittings	LF	3610	\$ 45.00	\$ 162,450.00
41	6" Pipe and Fittings	LF	1803	\$ 35.00	\$ 63,105.00
42	12" Butterfly Valves	EA	2	\$ 8,400.00	\$ 16,800.00
43	10" Butterfly Valves	EA	2	\$ 7,900.00	\$ 15,800.00
44	8" Gate Valves	EA	2	\$ 7,800.00	\$ 15,600.00
45	Fire Hydrant Assembly	EA	10	\$ 6,800.00	\$ 68,000.00
46	Single Service Assembly	EA	10	\$ 2,800.00	\$ 28,000.00
47	Double Service Assembly	EA	145	\$ 3,486.00	\$ 505,470.00
48	2" Single Service Lateral	LF	1460	\$ 29.00	\$ 42,340.00
49	Water Meters	EA	189	\$ 475.00	\$ 89,775.00
50	Connection to Existing Water Mains	EA	6	\$ 11,740.00	\$ 70,440.00
51	Surface restoration, AC	SF	9000	\$ 6.50	\$ 58,500.00
52	Surface restoration, AB	SF	31000	\$ 4.50	\$ 139,500.00
53	Air Release Valve Assembly	EA	1	\$ 5,000.00	\$ 5,000.00
54	SWPPP Preparation and Implementation	LS	1	\$ 5,000.00	\$ 5,000.00
Sum of items					\$ 4,380,393.00
CCO 1 Removal Item #17,34,35 and 45					\$ (268,500.00)
CCO2 Add items					
17	Booster Pump Station Paved Access and Driveway add back	LS	1	\$ 43,722.00	\$ 43,722.00
34	Well No. 3 Paved Access and Driveway add back	LS	1	\$ 33,871.00	\$ 33,871.00
38	SCADA/Telemetry System DEDUCT	LS	1	\$ (101,271.00)	\$ (101,271.00)
32	Well No. 3 Pump Station Building DEDUCT	LS	1	\$ (10,200.00)	\$ (10,200.00)
15	Booster Pump Station Building DEDUCT	LS	1	\$ (9,250.00)	\$ (9,250.00)
2	Traffic Control DEDUCT	LS	1	\$ (21,040.00)	\$ (21,040.00)
45	Fire Hydrant Assembly ADD BACK	EA	10	\$ 6,800.00	\$ 68,000.00
35	Well No. 3 Generator and Transfer Switch ADD BACK	LS	1	\$ 61,000.00	\$ 61,000.00
18	Booster Pump Station Generator and Transfer Switch DEDUCT	LS	-1	\$ 61,000.00	\$ (61,000.00)
41	6" Pipe and Fittings DEDUCT	LF	-500	\$ 35.00	\$ (17,500.00)
50	Connection to Existing Water Mains DEDUCT	EA	-1	\$ 11,740.00	\$ (11,740.00)

Contract total must not exceed \$4,111,893

\$ 4,111,893.00 New Total \$4,086,485.00