

Engineering Services, Inc.

1207 S. Old Missouri Rd • P.O. Box 282 • Springdale, Arkansas 72765-0282

Phone: 479-751-8733 • Fax: 479-751-8746

March 25, 2011

Mr. Jim Bowen, President
Mt. Sherman Water Association
P.O. Box 323
Jasper, Arkansas 72641

RE: Engineer's Statement No. 5 (Final)
Shiloh Road and Murray Road Water Main Extension
Mt. Sherman Water Association

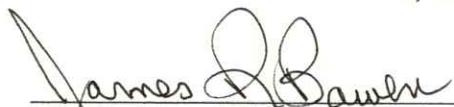
W.O. #08803

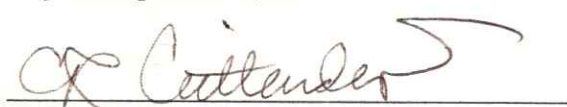
Dear Mr. Bowen:

This statement is submitted in accordance with our Agreement for Engineering Services for the Water Main Extensions dated March 10, 2009.

ITEM	DESCRIPTION	TOTAL
Sec. B, Item 2a	After Completion and Submission of Plans \$ 118,422.50 x 20% x 10.00%	\$ 2,368.45
Sec. B, Item 2b	After Award of Construction Contracts \$ 118,422.50 x 60% x 10.00%	\$ 7,105.35
Sec. B, Item 2c	Engineering During Construction \$118,422.50 x 15% x 10.00%	\$ 1,776.34
Sec. B, Item 2d	Project Completion \$ 118,422.50 x 5% x 10.00%	\$ 592.11
<i>Subtotal Design Engineering Service</i>		<i>\$ 11,842.25</i>
Sec. C	Resident Observation \$ 118,422.50 x 4.25%	\$ 5,032.96
Sec. D	Additional Services	\$ 0.00
<i>Total</i>		<i>\$ 16,875.21</i>
<i>Less Previous Statement</i>		<i>\$ 14,944.35</i>
Total Amount Due and Payable		\$ 1,930.86


Michael A. Weir, P.E.
Engineering Services, Inc.


Jim Bowen, President
Mt. Sherman Water Association


Arkansas Natural Resources Commission



Consulting Engineers and Surveyors

www.engineeringservices.com

Jerry W. Martin, P.E.
Chairman of the Board

Philip C. Humbard, P.E., P.L.S.
President

Brian J. Moore, P.E.
Vice President

Tim J. Mays, P.E.
Secretary / Treasurer



APPLICATION FOR PAYMENT

SHILOH ROAD & MURRAY ROAD
WATER MAIN EXTENSION
MT. SHERMAN WATER ASSOCIATION

RED ROCK CONSTRUCTION, INC.
P.O. BOX 268
JASPER, ARKANSAS 72641

APPLICATION NO: 3 (Final)

PERIOD COVERED: January 1, 2011 Through March 14, 2011

DATE: March 25, 2011

Item No.	Description	Approximate Quantity	Pay Unit	Previous Application	This Application	Total Completed	Percent Complete	Unit Price	Total Amount
1	3" Diameter PVC Water Main (Class 315)	1,180	LF	1,010	640	1,650	140%	\$ 7.75	\$ 12,787.50
2	3" Diameter PVC Water Main (Class 250)	1,600	LF	1,606	0	1,606	100%	\$ 7.50	\$ 12,045.00
3	3" Diameter PVC Water Main (Class 200)	5,000	LF	5,134	0	5,134	103%	\$ 7.25	\$ 37,221.50
4	2" Diameter PVC Water Main (Class 250)	680	LF	340	0	340	50%	\$ 6.75	\$ 2,295.00
5	2" Diameter PVC Water Main (Class 200)	1,340	LF	2,220	0	2,220	166%	\$ 6.25	\$ 13,875.00
6	1" HDPE Service Line	220	LF	331	0	331	150%	\$ 3.50	\$ 1,158.50
7	3" Encased Gravel Road Crossings	40	LF	100	0	100	250%	\$ 20.00	\$ 2,000.00
8	2" Encased Gravel Road Crossings	40	LF	40	0	40	100%	\$ 15.00	\$ 600.00
9	Gravel Driveway Crossings	120	LF	114	0	114	95%	\$ 20.00	\$ 2,280.00
10	3" Gate Valve	4	EA	4	0	4	100%	\$ 550.00	\$ 2,200.00
11	2" Gate Valve	7	EA	7	0	7	100%	\$ 450.00	\$ 3,150.00
12	2" Blow-Off Hydrant	3	EA	4	0	4	133%	\$ 600.00	\$ 2,400.00
13	Air Release Valve	2	EA	0	2	2	100%	\$ 800.00	\$ 1,600.00
14	Pressure Reducing Valve	2	EA	1.30	0.70	2.00	100%	\$ 9,000.00	\$ 18,000.00
15	Connect to Existing Water Main	1	EA	1	0	1	100%	\$ 600.00	\$ 600.00
16	1" Service Line Connection	1	EA	0	0	0	0%	\$ 200.00	\$ -
17	Meter Service	11	EA	11	0	11	100%	\$ 350.00	\$ 3,850.00
18	Ductile Iron Fittings	900	LBS	0	0	0	0%	\$ -	\$ -
19	Rock Excavation	550	CY	0	0	0	0%	\$ -	\$ -
20	Bedding Material	9,500	LF	0	0	0	0%	\$ -	\$ -
21	Concrete Encasement	50	LF	0	0	0	0%	\$ 50.00	\$ -
22	Yard Restoration	1,250	LF	0	0	0	0%	\$ -	\$ -
23	Water Pipeline Signs	6	EA	0	6	6	100%	\$ 60.00	\$ 360.00
24	Erosion Control and Mitigation	1	LS	1.00	0.00	1.00	100%	\$ 1,000.00	\$ 1,000.00
25	OSHA's Standard for Trenches Safety	1	LS	1.00	0.00	1.00	100%	\$ 1,000.00	\$ 1,000.00
TOTAL COMPLETED WORK									\$ 118,422.50

TOTAL AMOUNT COMPLETED WORK \$ 118,422.50

CHANGE ORDER SUMMARY		
No.	Date Approved	
1	March 25, 2011 (Reconciliation)	\$ 7,232.50
SUBTOTALS		\$ -
NET CHANGE BY CHANGE ORDER		\$ 7,232.50

ORIGINAL CONTRACT SUM \$ 111,190.00
NET CHANGE BY CHANGE ORDER \$ 7,232.50
CONTRACT SUM TO DATE \$ 118,422.50

LESS: Previous Payments \$ 99,643.00
BALANCE DUE THIS APPLICATION \$ 18,779.50

APPROVED BY:

Michael A. Wren
Engineering Services, Inc.

John B. Wren
Red Rock Construction, Inc.

James R. Bawen
Mt. Sherman Water Association

Ar. Cullender
Arkansas Natural Resources Commission

3-31-11
DATE

4-5-11
DATE

4-8-11
DATE

4/5/11
DATE

CONTRACT CHANGE ORDER

ORDER NO.

1

DATE

March 25, 2011

STATE

Arkansas

COUNTY

Newton

CONTRACT FOR:

Mt. Sherman- Shiloh Rd. and Murray Rd. Water Main Extension

OWNER

The Mt. Sherman Water Association

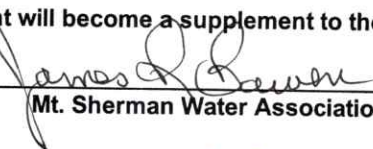
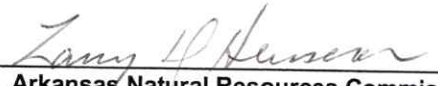
To: Red Rock Construction, P.O. Box 268, Jasper, Arkansas 72641

You are hereby requested to comply with the following changes from the contract plans and specifications:

Description of Changes	DECREASE in Contract Price	INCREASE in Contract Price
RECONCILIATION: Adjustment to Actual Quantities Installed And/Or Constructed (See Attached Spreadsheet for Adjustments)	\$ 0.00	\$ 7,232.50
And		
Extend Date of Completion to March 14, 2011.		
TOTALS		
NET CHANGE IN CONTRACT PRICE	\$ 0.00	\$ 7,232.50

JUSTIFICATION: Adjustment of Actual Quantities for Unit Price Contract.The amount of the Contract will be increased by \$7,232.50.The Contract Total Including this and previous Change Orders Will Be: One Hundred Eighteen Thousand Four Hundred Twenty Two Dollars and Fifty Cents (\$118,422.50).

This document will become a supplement to the contract and all provisions will apply hereto.

Requested: 
Mt. Sherman Water Association (Owner)7-5-11
(Date)Recommended: 
Engineering Services, Inc. (Engineer)3-31-11
(Date)Accepted: 
Red Rock Construction (Contractor)4-5-11
(Date)Approved: 
Arkansas Natural Resources Commission4/5/11
(Date)

CHANGE ORDER NO. 1 RECONCILIATION

Date: March 25, 2011

Shiloh Road & Murray Road
Water Main Extension
Mt. Sherman Water Association

CONTRACTOR: Red Rock Construction
P.O. Box 268
Jasper, Arkansas 72641

ITEM NO.	DESCRIPTION	CONTRACT QUANTITY	ADJUSTED	CHANGE	UNIT PRICE	CONTRACT COST	ADJUSTED CONTRACT COST	CHANGE IN COST
1	3" Diameter PVC Water Main (Class 315)	1,180 LF	1,650	470	\$7.75	\$9,145.00	\$12,787.50	\$3,642.50
2	3" Diameter PVC Water Main (Class 250)	1,600 LF	1,606	6	\$7.50	\$12,000.00	\$12,045.00	\$45.00
3	3" Diameter PVC Water Main (Class 200)	5,000 LF	5,134	134	\$7.25	\$36,250.00	\$37,221.50	\$971.50
4	2" Diameter PVC Water Main (Class 250)	680 LF	340	-340	\$6.75	\$4,590.00	\$2,295.00	(\$2,295.00)
5	2" Diameter PVC Water Main (Class 200)	1,340 LF	2,220	880	\$6.25	\$8,375.00	\$13,875.00	\$5,500.00
6	1" HDPE Service Line	220 LF	331	111	\$3.50	\$770.00	\$1,158.50	\$388.50
7	3" Encased Gravel Road Crossing	40 LF	100	60	\$20.00	\$800.00	\$2,000.00	\$1,200.00
8	2" Encased Gravel Road Crossing	40 LF	40	0	\$15.00	\$600.00	\$600.00	\$0.00
9	Gravel Driveway Crossing	120 LF	114	-6	\$20.00	\$2,400.00	\$2,280.00	(\$120.00)
10	3" Gate Valve	4 EA	4	0	\$550.00	\$2,200.00	\$2,200.00	\$0.00
11	2" Gate Valve	7 EA	7	0	\$450.00	\$3,150.00	\$3,150.00	\$0.00
12	2" Blow Off Hydrant	3 EA	4	1	\$600.00	\$1,800.00	\$2,400.00	\$600.00
13	Air Release Valve	2 EA	2	0	\$800.00	\$1,600.00	\$1,600.00	\$0.00
14	Pressure Reducing Valve	2 EA	2	0	\$9,000.00	\$18,000.00	\$18,000.00	\$0.00
15	Connect to Existing Water Main	1 EA	1	0	\$600.00	\$600.00	\$600.00	\$0.00
16	1" Service Line Connection	1 EA	0	-1	\$200.00	\$200.00	\$0.00	(\$200.00)
17	Meter Service	11 EA	11	0	\$350.00	\$3,850.00	\$3,850.00	\$0.00
18	Ductile Iron Fittings	900 LB						
19	Rock Excavation	550 CY						
20	Bedding Material	9,500 LF						
21	Concrete Encasement	50 LF						
22	Yard Restoration	1,250 LF						
23	Water Pipeline Signs	6 EA						
24	Erosion Control and Mitigation	100% LS						
25	OSHA's Standard for Trenches Safety	100% LS						
TOTAL CONTRACT COST AND ADJUSTMENTS (INCLUDING PREVIOUS CHANGE ORDERS)						\$111,190.00	\$118,422.50	\$7,232.50
TOTAL ADJUSTED AMOUNT TO CONTRACT								