



CONTRACT MODIFICATION (Amended CO4)

CHANGE ORDER WRITTEN AMENDMENT MODIFICATION NO¹: 4A

TO CONTRACTOR: Bartlett Construction, Inc.

PROJECT: Sewer Collection Skips Phase 4 Improvements PROJECT NO: 133177

OWNER: St. Charles Parish

ENGINEER: CH2M HILL

The following modification(s) to the Contract are hereby ordered (use additional pages if required):

See Attachment A, Scope of Work.

See Attachment B for a summary of cost and time modifications.

Reason for Modification(s):

Final Completion

Attachments (List Supporting Documents):

- Attachment A, Scope of Work
- Attachment B, Summary of Cost and Time Modifications
- Attachment C, Final Quantities, Unit Costs, and Extended Costs

Contract Amount or Price		Contract Times (Calculate Days)	
Original	<u>\$1,128,503.00</u>	Original Duration	<u>210</u> Days
Previous Contract		Previous Contract	
Modification(s)	<u>(\$18,415.04)</u>	Modification(s)	
Add/(Deduct)		Add/(Deduct)	<u>86</u> Days
This Contract Modification		This Contract Modification	
Add/(Deduct)	<u>(\$33,496.22)</u>	Add/(Deduct)	<u>79</u> Days
Revised Contract Amount	<u>\$1,076,591.74</u>	Revised Contract Time	<u>375</u> Days
The Revised Contract Completion Date is:			
<u>March 11,</u> , 19 <u>99</u>			

Owner	Contractor	Engineer Recommendation ²
By: <u>Chris A. Regan</u>	By: <u>Charles Bartlett</u>	By: <u>Ray M. Key</u>
Date: <u>9/22/99</u>	Date: <u>9-20-99</u>	Date: <u>9-20-99</u>

¹ Number all Modifications consecutively.

² Recommendation necessary for Change Orders.

Attachment A

Scope of Work

This is a negotiated change order between the Owner and the Contractor. The adjustment in Contract Price and/or Contract Time stated in the Change Order shall comprise the total price and/or time adjustment due or owed the Contractor for the Work or changes defined in the Change Order. By executing the Change Order, the Contractor acknowledges and agrees that the stipulated price and/or time adjustments include the cost and time adjustment for all work contained in the Change Order, including costs and time adjustments associated with extended overheads, and cumulative impacts or ripple effect on all other non-affected Work under this contract. Signing of the Change Order constitutes full and mutual accord and satisfaction for the adjustment in contract price and/or time as a result of increases or decreases in costs and time of performance caused directly and indirectly from the change, subject to the current scope of the entire Work as set forth in the Contract Documents. Acceptance of this waiver constitutes an agreement between Owner and Contractor that the Change Order represents an equitable adjustment to the Contract and that Contractor waives all rights to file a claim on this Change Order after it is properly executed.

See the General Conditions of the Contract, Article 10, for other binding requirements regarding this Change Order.

See Attachment B for a summary of cost and time modifications.

The scope of work for Change Order No. 4 includes the following:

1. Reconciliation of final quantities of the unit price project
2. Catch basin conflict on Riverview
3. Weather delays
4. Underground obstruction at Hostess Bore
5. Sewer lateral pulled apart, flooding excavation
6. Electrical feed to Riverbend PS
7. Electrical feed at River Road
8. JBP PS 2 Force Main not where shown
9. Raise MH at Neff Rental
10. Electrical feed at JBP PS 2
11. Hole in force main at JBP PS 2

Attachment B

Cost and Time Summary

Item	Description	Cost add/(deduct)	Time (add/deduct)
1	Reconciliation of final quantities of the unit price project	(\$50,528.00)	0
2	Catch basin conflict on Riverview	\$1,695.96	1
3	Weather delays	\$0.00	47
4	Underground obstruction at Hostess Bore	\$0.00	6
5	Sewer lateral pulled apart, flooding excavation	\$6,658.00	0
6	Electrical feed to Riverbend PS	\$4,340.00	7
7	Electrical feed at River Road	\$0.00	7
8	JBP PS 2 Force Main not where shown	\$1,570.09	2
9	Raise MH at Neff Rental	\$1,197.64	1
10	Electrical feed at JBP PS 2	\$0.00	7
11	Hole in force main at JBP PS 2	\$1,570.09	1
Totals		(\$33,496.22)	79

Attachment C
Change Order No. 4
Revised Unit Price Quantities and Amounts

Item	Description	Unit	Unit Cost	Original Quantity	Original Extended Amount	Final Quantity	Final Extended Amount	Difference (Final - Original)
	Schedule A Base Bid							
	Demolition							
1	Demolition of JBP Wastewater Treatment Plant	LS	\$12,000.00	1	\$12,000.00	1	\$12,000.00	\$0.00
2	Demolition of existing JBP Pump Station 1	LS	\$6,000.00	1	\$6,000.00	1	\$6,000.00	\$0.00
3	Demolition of existing JBP Pump Station 2	LS	\$5,000.00	1	\$5,000.00	1	\$5,000.00	\$0.00
	Earthwork							
4	Overexcavation and Foundation Stabilization	CY	\$25.00	385	\$9,625.00	385	\$9,625.00	\$0.00
	Trench Excavation and Backfill							
5	10" Gravity Sewer, 0-8 feet (class A)	LF	\$25.00	480	\$12,000.00	447	\$11,175.00	(\$825.00)
6	8" Gravity Sewer, 0-8 feet (class A)	LF	\$25.00	300	\$7,500.00	306	\$7,650.00	\$150.00
7	8" Gravity Sewer, 8-12 feet (class A)	LF	\$40.00	500	\$20,000.00	445	\$17,800.00	(\$2,200.00)
8	6" Sewer Force Main (Class A)	LF	\$8.00	2,095	\$12,570.00	2,095	\$12,570.00	\$0.00
9	4" Sewer Force Main (Class A)	LF	\$6.00	320	\$1,920.00	220	\$1,320.00	(\$600.00)
10	10" Gravity Sewer, 0-8 feet (class A)	LF	\$20.00	280	\$5,600.00	368	\$7,360.00	\$1,760.00
11	10" Gravity Sewer, 8-12 feet (class C)	LF	\$40.00	115	\$4,600.00	-	\$0.00	(\$4,600.00)
12	8" Gravity Sewer, 0-8 feet (class C)	LF	\$20.00	395	\$7,900.00	448	\$8,960.00	\$1,060.00
13	8" Gravity Sewer, 8-12 feet (class C)	LF	\$40.00	325	\$13,000.00	275	\$11,000.00	(\$2,000.00)
14	10" Gravity Sewer, 0-8 feet (class A)	LF	\$25.00	800	\$20,000.00	838	\$20,950.00	\$950.00
15	10" Gravity Sewer, 8-12 feet (class D)	LF	\$60.00	15	\$900.00	68	\$4,080.00	\$3,180.00
16	8" Gravity Sewer, 0-8 feet (class D)	LF	\$25.00	295	\$7,375.00	48	\$1,200.00	(\$6,175.00)
17	8" Gravity Sewer, 8-12 feet (class D)	LF	\$40.00	505	\$20,200.00	485	\$19,400.00	(\$800.00)
18	8" Gravity Sewer, 12-16 feet (class D)	LF	\$100.00	20	\$2,000.00	24	\$2,400.00	\$400.00
19	6" Sewer Force Main (Class D)	LF	\$8.00	330	\$1,980.00	175	\$1,050.00	(\$930.00)
20	4" Sewer Force Main (Class D)	LF	\$8.00	80	\$640.00	50	\$400.00	(\$240.00)
	Gravity Sewer Pipe, Force Mains and Fittings							
21	10" Gravity Sewers	LF	\$25.00	1,795	\$44,625.00	1,721	\$43,025.00	(\$1,600.00)
22	8" Gravity Sewers	LF	\$25.00	2,445	\$61,125.00	2,192	\$54,800.00	(\$6,325.00)
23	6" Sewer Force Mains	LF	\$5.00	2,425	\$12,125.00	2,270	\$11,350.00	(\$775.00)
24	4" Sewer Force Mains	LF	\$4.00	400	\$1,600.00	270	\$1,080.00	(\$520.00)
	Railroad and Highway Undercrossings							
25	Airline Hwy., Undercrossing No. 1	LS	\$63,000.00	1	\$63,000.00	1	\$63,000.00	\$0.00
26	Undercrossing No. 2, Hostess Loading Ramp	LS	\$16,500.00	1	\$16,500.00	1	\$16,500.00	\$0.00
	Manhole Construction							
27	4' Diameter Manhole, 0-8 feet deep	EA	\$1,600.00	12	\$19,200.00	11	\$17,600.00	(\$1,600.00)
28	4' Diameter Manhole, 8-12 feet deep	EA	\$2,500.00	7	\$17,500.00	9	\$22,500.00	\$5,000.00

Attachment C
Change Order No. 4
Revised Unit Price Quantities and Amounts

Item	Description	Unit	Unit Cost	Original Quantity	Original Extended Amount	Final Quantity	Final Extended Amount	Difference (Final - Original)
Pump Stations								
29	JBP-1	LS	\$100,000.00	1	\$100,000.00	1	\$100,000.00	\$0.00
30	JBP-2	LS	\$89,000.00	1	\$89,000.00	1	\$89,000.00	\$0.00
Service Lines								
31	6" Wye	EA	\$80.00	14	\$1,120.00	17	\$1,360.00	\$240.00
32	6" 45 degree bends	EA	\$80.00	14	\$1,120.00	17	\$1,360.00	\$240.00
33	6" Service line to easement	LF	\$60.00	70	\$4,200.00	96	\$5,760.00	\$1,560.00
34	6" service line cap	EA	\$30.00	14	\$420.00	17	\$510.00	\$90.00
35	Service Connection Marker	EA	\$50.00	14	\$700.00	12	\$600.00	(\$100.00)
Surface Restoration								
36	Grassing and Mulching	SY	\$4.00	504	\$2,016.00	480	\$1,920.00	(\$96.00)
37	Sod	SY	\$9.00	1,636	\$14,724.00	937	\$8,433.00	(\$6,291.00)
38	Gravel Driveways and Roads	SY	\$20.00	66	\$1,120.00	56	\$1,120.00	\$0.00
39	Concrete Pavement	SY	\$38.00	3,249	\$118,964.00	2,349	\$84,564.00	(\$32,400.00)
40	Asphalt Concrete Pavement	SY	\$50.00	-	\$0.00	-	\$0.00	\$0.00
41	Curb and Gutter	LF	\$10.00	385	\$3,850.00	257	\$2,570.00	(\$1,280.00)
Schedule B Base Bid								
Demolition								
1	Demolition of River Bend Pump Station North (existing)	LF	\$9,000.00	1	\$3,000.00	1	\$3,000.00	\$0.00
2	Demolition of River Bend Pump Station South (existing)	LF	\$7,000.00	1	\$7,000.00	1	\$7,000.00	\$0.00
3	Demolition of River Bend Package Wastewater Treatment Plant	LF	\$10,000.00	1	\$10,000.00	1	\$10,000.00	\$0.00
Earthwork								
4	Overexcavation and Foundation Stabilization	EA	\$50.00	60	\$3,000.00	60	\$3,000.00	\$0.00
Trench Excavation and Backfill								
5	8" Gravity Sewer, 8-12 feet (class A)	LF	\$45.00	220	\$9,900.00	322	\$14,490.00	\$4,590.00
6	8" Gravity Sewer, 12-16 feet (class A)	LF	\$70.00	206	\$14,350.00	193	\$13,510.00	(\$840.00)
7	8" Gravity Sewer, 8-12 feet (class C)	LF	\$38.00	40	\$1,520.00	20	\$760.00	(\$760.00)
9	8" Gravity Sewer, 12-16 feet (class C)	LF	\$70.00	30	\$2,100.00	110	\$7,700.00	\$5,600.00
10	4" Sewer Force Main (Class D)	LF	\$6.00	575	\$3,450.00	512	\$3,072.00	(\$378.00)
11	8" Gravity Sewer, 8-12 feet (class D)	LF	\$90.00	50	\$4,500.00	-	\$0.00	(\$4,500.00)
Gravity Sewer Pipe, Force Mains and Fittings								
12	8" Gravity Sewers	LF	\$25.00	685	\$17,375.00	645	\$16,125.00	(\$1,250.00)
13	4" Sewer Force Mains	LF	\$4.00	575	\$2,300.00	512	\$2,048.00	(\$252.00)
Railroad and Highway Undercrossings								
14	Undercrossing No. 3 (Kansas City Railroad)	LS	\$80,000.00	1	\$80,000.00	1	\$80,000.00	\$0.00

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Change Order No. 4
Revised Unit Price Quantities and Amounts

Item	Description	Unit	Unit Cost	Original Quantity	Original Extended Amount	Final Quantity	Final Extended Amount	Difference (Final - Original)
	Manhole Construction							
15	4' Diameter Manhole, 8-12 feet deep	EA	\$1,800.00	1	\$1,800.00	3	\$5,400.00	\$3,600.00
16	4' Diameter Manhole, 12-16 feet deep	EA	\$2,500.00	2	\$5,000.00	2	\$5,000.00	\$0.00
	Pump Stations							
17	RBN PS	LS	\$80,000.00	1	\$80,000.00	1	\$80,000.00	\$0.00
	Surface Restoration							
18	Grassing and Mulching	SY	\$4.00	351	\$1,404.00	-	\$0.00	(\$1,404.00)
19	Gravel Driveways and Roads	SY	\$20.00	290	\$5,800.00	-	\$0.00	(\$5,800.00)
	Schedule C Base Bid							
	Earthwork							
1	Overexcavation and Foundation Stabilization	CY	\$45.00	45	\$2,025.00	45	\$2,025.00	\$0.00
	Trench Excavation and Backfill							
2	8" Gravity Sewer, 8-12 feet (class A)	LF	\$40.00	420	\$16,800.00	378	\$15,120.00	(\$1,680.00)
3	2" Sewer Force Main (Class A)	LF	\$6.00	135	\$810.00	135	\$810.00	\$0.00
4	8" Gravity Sewer, 0-8 feet (class D)	LF	\$25.00	50	\$1,250.00	51	\$1,275.00	\$25.00
5	8" Gravity Sewer, 8-12 feet (class D)	LF	\$40.00	40	\$1,600.00	40	\$1,600.00	\$0.00
6	2" Sewer Force Main (Class D)	LF	\$4.00	130	\$520.00	245	\$980.00	\$460.00
	Gravity Sewer Pipe, Force Mains and Fillings							
7	8" Gravity Sewers	LF	\$25.00	510	\$12,750.00	489	\$11,725.00	(\$1,025.00)
8	2" Sewer Force Mains	LF	\$3.00	265	\$795.00	245	\$735.00	(\$60.00)
	Manhole Construction							
9	4' Diameter Manhole, 0-8 feet deep	EA	\$1,800.00	1	\$1,800.00	1	\$1,800.00	\$0.00
10	4' Diameter Manhole, 8-12 feet deep	EA	\$2,500.00	2	\$5,000.00	2	\$5,000.00	\$0.00
	Pump Stations							
11	River Road Pump Station	LS	\$60,000.00	1	\$60,000.00	1	\$60,000.00	\$0.00
	Service Lines							
12	6" Wye	EA	\$80.00	2	\$160.00	3	\$240.00	\$80.00
13	6" 45 degree bends	EA	\$80.00	2	\$160.00	3	\$240.00	\$80.00
14	6" Service line to easement	LF	\$80.00	14	\$840.00	21	\$1,260.00	\$420.00
15	6" service line cap	EA	\$30.00	2	\$60.00	3	\$90.00	\$30.00
16	Service Connection Marker	EA	\$50.00	2	\$100.00	3	\$150.00	\$50.00
	Surface Restoration							
18	Sed	SY	\$9.00	285	\$2,565.00	1,002	\$9,018.00	\$6,453.00
19	Gravel Driveways and Roads	SY	\$28.00	15	\$420.00	15	\$420.00	\$0.00
20	Concrete Pavement	SY	\$40.00	115	\$4,600.00	135	\$5,400.00	\$800.00

