



City of Grand Island

Tuesday, October 25, 2016

Council Session

Item G-8

**#2016-260 - Approving Change Order No. 7 for North Interceptor
Phase II; Project No. 2013-S-4**

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Terry Brown PE, Assistant Public Works Director

Meeting: October 25, 2016

Subject: Approving Change Order No. 7 for North Interceptor Phase II;
Project No. 2013-S-4

Presenter(s): John Collins PE, Public Works Director

Background

Public Works Staff in conjunction with Black & Veatch of Kansas City, Missouri have jointly called out improvements through 2037 for the Wastewater Treatment Plant and collection system according to the Collection System Master Plan (B&V January 2014). The current North Interceptor project will replace aged force main, eliminate six (6) lift stations with the potential for more, provide new sanitary services, and increase the capacity of the sewer system on the north side of Grand Island.

The new North Interceptor gravity sewer interceptor route was developed to incorporate and partner with other utilities for the Capital Avenue Widening Project and the new Headworks Pumping Station Project at the Wastewater Treatment Plant.

A phased approach of constructing the North Interceptor was developed as follows:

- Phase I - Wastewater Treatment Plant to 7th Street / Skypark Road
- Phase II (Part A) - 7th Street / Skypark Road to Broadwell Avenue
- Phase II (Part B) - Broadwell Avenue to Webb Road
- Phase II (Part C) - Webb Road to Diers Avenue (Lift Station No. 19)

Phase I reached substantial completion on April 8, 2014. Once final lien waivers are received, the project can be formally closed.

The North Interceptor Phase II Project is 94% complete. Bid Section B reached substantial completion on April 15, 2015. Bid Sections A and C reached substantial completion on 3/11/2016. The lift station abandonments (Bid Sections D, E, G, H and I) are underway and nearing completion. Final completion is ahead of schedule and anticipated to occur spring of 2017.

On September 9, 2014, Resolution No. 2014-284, City Council awarded, Project 2013-S-4, North Interceptor Phase II to S.J. Louis Construction, Inc. of Rockville, Minnesota, in the amount of \$21,479,537.50.

City Council approved Resolution No. 2015-39 on February 10, 2015, which established new unit prices for installed storm and sanitary sewers which are embedded with native sand material in lieu of the imported granular embedment specified in the contract documents. The potential savings is anticipated to be around \$300,000 where native sand is thought to be suitable and may be used for up to 20,795 feet of pipe.

On March 24, 2015, by Resolution No. 2015-74, City Council approved Change Order No. 2 which changed the methodology of the trenchless crossing from micro tunneling to a direct jacked tunnel using a tunnel boring machine, resulting in a decreased unit price. Two (2) locations were suggested for this change; Broadwell Avenue at Capital Avenue and Webb Road/Northwest Crossings property at Capital Avenue. An overall contract deduction of \$210,003.48 was achieved, resulting in a revised contract amount of \$21,269,534.02.

On June 23, 2015, by Resolution No. 2015-160, City Council approved Change Order No. 3, which addressed: Unknown and unplanned restraint at the existing 18" waterline that crosses Capital Avenue just east of Webb Road; Additional storm sewer work east of St. Paul Road as needed to fill in a portion of the utility ditch and provide access to the new manhole; and As-Built quantities for Phase II (Part B). An overall net change of the contract amount resulted in an increase of \$56,540.88 for a revised contract amount of \$21,326,074.90.

On August 11, 2015, by Resolution No. 2015-214, City Council approved Change Order No. 4, which allowed for an open cut at the intersection of Capital Avenue and Broadwell Avenue for installation of the north interceptor, rerouting of the dewatering discharge, and several modifications to the existing storm sewer at this intersection. An overall contract decrease of \$40,651.39 was reached, resulting in a revised contract amount of \$21,285,423.51.

On January 12, 2016, by Resolution No. 2016-7, City Council approved Change Order No. 5, which covered costs associated with a dewatering reroute near Webb Road, additional work associated with an 8" sanitary sewer line extension as part of a new tap district (District No. 537T), additional storm sewer work in St. Paul Road, changing a new sanitary sewer manhole in St. Paul Road from a standard manhole to a drop manhole, additional storm sewer removal and replacement work near the Burlington Northern Santa Fe Railroad, additional storm sewer work in the Capital Avenue and Broadwell Avenue intersection, a damaged sanitary sewer service along St. Paul Road, additional work required to provide power to the relocated Veteran's Hospital sign, and the relocation of an existing water service. Such change order resulted in a contract increase of \$171,544.13, for a revised total contract amount of \$21,456,967.64.

On March 8, 2016, by Resolution No. 2016-52, City Council approved Change Order No. 6 to establish new unit prices associated with additional paving along Sheridan Avenue within Bid Section 1, was a net zero cost change order. Once actual quantities installed are rectified such change order cost will be reached.

Discussion

Change Order No. 7 is being presented to City Council to address the following additional work, as well as credits, associated with North Interceptor Phase II; Project No. 2013-S-4.

• Excavate existing sheet piling near Lift Station No. 19 (Bid Section C)	= \$ 4,507.39
• Removal of existing concrete in the interceptor alignment (Bid Section C)	= \$ 2,567.03
• Customized 60" diameter manhole to replace existing 84" diameter manhole near Lift Station No. 19 (Bid Section C)	= \$ 13,030.94
• Modified 60" diameter manhole near McCain Foods Line (Bid Section C)	= \$ 7,878.98
• Additional manhole abandonment near McCain Foods Line (Bid Section C)	= \$ 426.82
• Tunnel grade discrepancies (Bid Section C)	= \$(50,000.00)
• Repair damaged curb stop (Bid Section H)	= \$ 314.13
• Remove and replace storm sewer pipe in Sky Park Road (Bid Section A)	= \$126,594.00
• Additional Traffic Control for new manhole abandonments (Bid Section C)	= \$ 1,495.00
• 15" sanitary sewer abandonment (Bid Section I) – unit price of \$20.00 established	= \$ 0.00
• Remove and replace Type "D" curb inlet top (Bid Section D) – unit price of \$750.00 established	= \$ 0.00
• Material price for unused 48" RCP storm sewer (Bid Section D)	= \$ 2,736.00
• Restocking fee for unused waterline materials (Bid Section G)	= \$ 1,467.68
• Finalize As-Built quantities in Bid Section A	= \$(385,783.96)
• Finalize As-Built quantities in Bid Section C	= \$ 9,735.54
	\$(265,030.45)

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve Change Order No. 7, in the amount of \$(265,030.45), with S.J. Louis Construction, Inc. of Rockville, Minnesota, for North Interceptor Phase II, Project 2013-S-4.

Sample Motion

Move to approve the resolution.

**CITY OF GRAND ISLAND, NEBRASKA
NORTH INTERCEPTOR – PHASE 2**

**CITY PROJECT 2013-S-4
BLACK & VEATCH PROJECT NO. 175144
OLSSON ASSOCIATES PROJECT NO. 011-2347**

CHANGE ORDER NO. 7

Change Order No. 7 covers items CO7-1 through CO7-15. This change order covers costs associated with the excavation of an unknown existing sheet piling near Lift Station 19, the elimination of a concrete manhole base in the interceptor alignment, the construction of a customized 60" diameter manhole near Lift Station 19, the construction of a customized 60" diameter manhole near the McCain Foods line, the additional manhole/pipe abandonment near the McCain Foods Line, credit for grade discrepancy at Trenchless Crossing No. 4, curb stop replacement along Huston Avenue, additional storm sewer work at Sky Park Road, additional traffic control required for new manhole abandonments, additional 15" sanitary sewer abandonment, removing and replacing Type "D" Curb inlet tops, material restocking fees for unused waterline and storm sewer materials, and recitifies the final installed quantities for Bid Sections A and C.

Item CO7-1. Excavate Existing Sheet Piling Near Lift Station 19 (Bid Section C)

Initiated by: Contractor

While installing the 48" diameter sanitary sewer interceptor across Diers Avenue near Lift Station 19, existing sheet piling and other utilities were found in the ground that were either unknown and not shown on the drawings, or were shown incorrectly. This change order item includes the costs associated with investigating these utilities, and subsequently removing the sheet piling.

The total cost for this change order item is \$4,507.39. Attachment 1 includes an itemized breakdown of the costs.

Item CO7-2. Removal of Existing Concrete in the Interceptor Alignment (Bid Section C)

Initiated by: Contractor

An existing cast-in-place concrete manhole base was discovered to be larger than anticipated near Lift Station 19 which impacted the installation of the 48" diameter sanitary sewer interceptor and needed to be removed and a new manhole constructed.

The total cost for this change order item is \$2,567.03. Attachment 2 includes an itemized breakdown of the costs.

10/19/2016

CO7-1

Item CO7-3. Customized 60” Diameter Manhole to Replace Existing 84” Diameter Manhole near Lift Station 19 (Bid Section C)

Initiated by: Contractor

A new cast-in-place manhole base was constructed, in addition to the removal and replacement of some 36-inch diameter sewer pipe due to existing grades differing from the original design drawings.

The total cost for this change order item is \$13,030.94. Attachment 3 includes an itemized breakdown of the costs.

Item CO7-4. Modified 60” Diameter Manhole near McCain Foods Line (Bid Section C)

Initiated by: Contractor

The existing 21-inch sewer line from McCain Foods was located approximately 40 feet further to the north than shown on the original drawings. As a result, the new manhole was modified and some of the existing 21-inch clay pipe was relaid.

The total cost for this change order item is \$7,878.98. Attachment 4 includes an itemized breakdown of the costs.

Item CO7-5. Additional Manhole Abandonment near McCain Foods Line (Bid Section C)

Initiated by: Contractor

An additional manhole not shown on the original drawings was discovered on the McCain Foods line downstream of where the flow was diverted to the new North Interceptor. This manhole, and the adjacent pipes, were abandoned and filled with flowable fill.

The price for this work was \$426.82.

Item CO7-6. Tunnel Grade Discrepancies (Bid Section C)

Initiated by: Owner

After installation of Trenchless Crossing No. 4, just west of Webb Road, it was determined that the invert elevations were out of tolerance with the original design drawings. Since the system is still operational with these discrepancies, it was decided that the Owner would accept a credit from the Contractor in lieu of replacing the tunnel section.

The credit to the Owner is \$50,000.

Item CO7-7. Repair Damaged Curb Stop (Bid Section H)

Initiated by: Contractor

During the installation of the sanitary sewer line, the contractor came across a previously damaged curb stop. This change order item covers the costs for the repair of the damaged curb stop.

The total cost for this change order item is \$314.13. Attachment 5 includes an itemized breakdown of the costs.

Item CO7-8. Remove and Replace Storm Sewer Pipe in Sky Park Road (Bid Section A)

Initiated by: Owner

The existing corrugated metal storm sewer in Sky Park Road, just south of Capital Avenue, was found to be in poor condition and starting to rot through in multiple places under Sky Park Road and therefore needed replacement. This change order item covers all costs associated with removing the existing 84" CMP storm sewer pipe and replacing it with a new 72" RCP.

The total cost for this change order item is \$126,594.00. Attachment 6 includes an itemized breakdown of the costs.

Item CO7-9. Additional Traffic Control for new Manhole Abandonments (Bid Section C)

Initiated by: Owner

After the abandonment of Lift Station No. 19, the City identified two additional manholes that could be abandoned which were not originally shown on the contract documents. In order to complete these abandonments, additional traffic control was required to close down part of Capital Avenue near Webb Road.

The total cost of the traffic control is \$1,495.00

Item CO7-10. 15" Sanitary Sewer Abandonment (Bid Section I)

Initiated by: Owner

After the abandonment of Lift Station No. 8, the City identified some additional 15" diameter sanitary sewer that could be abandoned. This change order item establishes a unit price for that work.

Item CO7-10	Abandon 15" Sanitary Sewer	LF	\$20.00
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Item CO7-11. Remove and Replace Type “D” Curb Inlet Top (Bid Section D)

Initiated by: Owner

The original contract drawings included the removal and replacement of the Type “D” Modified Curb Inlets. In a value engineering effort, it was determined that the inlets can remain, and only the damaged inlet tops be replaced. This change order item establishes a unit cost for removing and replacing the curb inlet tops.

Item CO7-11	Remove and Replace Type “d” Curb Inlet Top	EA	\$750.00
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Item CO7-12. Material Price for Unused 48” RCP Storm Sewer (Bid Section D)

Initiated by: Contractor

The original contract drawings included the removal and replacement of 48” RCP storm sewer pipe to facilitate the installation of the new sanitary sewer on Custer Avenue just north of Forrest Street. During construction, it was determined that the new sanitary sewer could still be installed with the existing 48” RCP storm sewer pipe left in place. The Contractor had already purchased the 48” RCP so this change order cost covers the raw material cost of the 48” RCP which will be delivered to the Owner.

The cost per linear foot of pipe is \$85.50. There was a total of 32 LF that was purchased bringing the total cost to \$2,736.00.

Item CO7-13. Restocking Fee for Unused Waterline Materials (Bid Section G)

Initiated by: Contractor

The original contract drawings included the lowering of a 6” waterline at the intersection of Sycamore Street and 21st Street. Prior to this work being completed, the City Utilities Department determined this work cannot be done due to this waterline being the only feed for several customers including Knickrehm Elementary School, which would have been left without water for an extended period of time had this work been completed.

The Contractor had already purchased all of the waterline materials for this work and were charged a restocking fee to return them. This change order item covers the entire restocking fee for the materials which was \$1,467.68.

Item CO7-14. Finalize As-Built Quantities in Bid Section A

Initiated by: Not Applicable – Agreed upon installed quantities between Owner, Engineer, and Contractor

This change involves modifying the bid form for ‘as constructed’ quantities as calculated at Bid Section A completion and in accordance with what will be submitted on the final pay application.

Table CO7-1 located in Attachment 7 indicates these changes utilizing a strikethrough for deletion of the original quantity followed by the installed quantity in bold font. Only changed quantities are given in this table. Table CO7-2, also located in Attachment 7, includes the cost differentials associated with these quantity changes.

Item CO7-15. Finalize As-Built Quantities in Bid Section C

Initiated by: Not Applicable – Agreed upon installed quantities between Owner, Engineer, and Contractor

This change involves modifying the bid form for ‘as constructed’ quantities as calculated at Bid Section C completion and in accordance with what will be submitted on the final pay application.

Table CO7-3 located in Attachment 8 indicates these changes utilizing a strikethrough for deletion of the original quantity followed by the installed quantity in bold font. Only changed quantities are given in this table. Table CO7-4, also located in Attachment 8, includes the cost differentials associated with these quantity changes.

**CITY OF GRAND ISLAND, NEBRASKA
NORTH INTERCEPTOR – PHASE 2**

**CITY PROJECT 2013-S-4
BLACK & VEATCH PROJECT NO. 175144
OLSSON ASSOCIATES PROJECT NO. 011-2347**

SUMMARY

CHANGE ORDER NO. 7

The Contract Price shall be modified as follows as a result of the changes described by this modification request. Additions to the Contract Price are indicated by a “+” in front of the amount, deductions by a “-”.

<u>Effect on Contract Price</u>		Increase/Decrease In Contract Price (+/-)
<u>Item</u>	<u>Description</u>	
CO7-1	Excavate Existing Sheet Piling Near Lift Station 19 (Bid Section C)	+\$4,507.39
CO7-2	Removal of Existing Concrete in the Interceptor Alignment (Bid Section C)	+\$2,567.03
CO7-3	Customized 60” Diameter Manhole to Replace Existing 84” Diameter Manhole Near Lift Station 19 (Bid Section C)	+\$13,030.94
CO7-4	Modified 60” Diameter Manhole Near McCain Foods Line (Bid Section C)	+\$7,878.98
CO7-5	Additional Manhole Abandonment Near McCain Foods Line (Bid Section C)	+\$426.82
CO7-6	Tunnel Grade Discrepancies (Bid Section C)	-\$50,000.00
CO7-7	Repair Damaged Curb Stop (Bid Section H)	\$314.13
CO7-8	Remove and Replace Storm Sewer in Sky Park Road (Bid Section A)	+\$126,594.00
CO7-9	Additional Traffic Control for New Manhole Abandonments (Bid Section C)	+\$1,495.00

10/19/2016

CO7-6

Effect on Contract Price

<u>Item</u>	<u>Description</u>	<u>Increase/Decrease In Contract Price (+/-)</u>
CO7-10	15" Sanitary Sewer Abandonment (Bid Section I)	+\$00.00
CO7-11	Remove and Replace Type "D" Curb Inlet Top (Bid Section D)	+\$00.00
CO7-12	Material Price for Unused 48" RCP Storm Sewer (Bid Section D)	+\$2,736.00
CO7-13	Restocking Fee for Unused Waterline Materials (Bid Section G)	+\$1,467.68
CO7-14	Finalize As-Built Quantities in Bid Section A	-\$385,783.96
CO7-15	Finalize As-Built Quantities in Bid Section C	+\$9,735.54

NET CHANGE IN CONTRACT PRICE -\$265,030.45

BID AMOUNT OF ORIGINAL CONTRACT \$21,479,537.50
PREVIOUS CHANGE ORDER ADJUSTMENTS -\$22,569.86
CURRENT CONTRACT AMOUNT \$21,456,967.64

CHANGE ORDER NO. 7 -\$265,030.45

ADJUSTED CONTRACT AMOUNT \$21,191,937.19

Effect on Contract Time

--	Substantial Completion for Original Contract (Bid Section B)	April 15, 2015
--	Final Completion for Original Contract (Bid Section B)	April 15, 2015
--	Substantial Completion for Original Contract (Bid Sections A-C)	June 1, 2016
--	Final Completion for Original Contract (Bid Sections A-C)	June 30, 2016
--	Substantial Completion for Original Contract (Bid Sections D-I)	June 1, 2017
--	Final Completion for Original Contract (Bid Sections D-I)	June 30, 2017
CO-7	No additional time given for Contract	

No additional claims shall be made for changes in Contract Time arising from these work items.

This change order includes all costs, direct, indirect, and consequential, and all changes in Contract Time arising from the work included in the items for Change Order No. 7. No additional claims shall be made for changes in Contract Price or Contract Time arising from these work items.

All other provisions of the contract remain unchanged.

Agreed to this _____ day of _____, 2016

Recommended:
Black & Veatch Corporation

Approved:
City of Grand Island

By: _____

By: _____

Date: _____

Date: _____

Approved:
S.J. Louis Construction, Inc.

By: _____

Date: _____

Approved as to Form _____ City Attorney
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ATTACHMENT 1
ITEM CO7-1
EXCAVATE EXISTING SHEET PILING NEAR LIFT
STATION NO. 19 (BID SECTION C)

SUPPLEMENTAL PAYMENT REQUEST



S.J. Louis Construction, Inc.

1351 Broadway Street W. PO Box 459

Rockville, Minnesota 56369

Phone: 320.253.9291

Fax: 320.253.3533

Bill To: Tim Engemoen

Black & Veatch

6300 S Syracuse Way, Suite 300

Centennial, CO 80111

Owner: City of Grand Island

Revised Negotiation CO#7

Date: February 16, 2016	SJL Job No.: 51428	SPR NO: 029
Project Name: Grand Island North Interceptor - Phase 2		
Location/Stationing:		
Plan Page: Diers Ave	Soil Type:	Sand
Present at Site: Barry Hannine, Ken Menebroker, Full Crew		
Work Requested By:		
Weather: partl clear/windy	Field Report No.:	005893
Temp: 40	Team Leader:	Barry Hannine

DESCRIPTION OF WORK PERFORMED:
Installing 48" sanitary main across Diers Ave. 24" forcemain not quite as plans state, this led to more unnoted items. We found a large construction joint on storm sewer that we will have to remove. We also found seven (7) pieces of sheeting drove in as (blocking?). These are where the manhole will be installed. Once we are informed of the reason for them, and if we can remove, we will continue. 1PM to 4:30PM.

LABOR									MATERIALS				
Labor		Reg Hours	Reg Rate	OT Hours	OT Rate	Per Diem Rate	Per Diem Total	Labor Total	Material (Inc.Tickets/Invoices)	Units	UOM	Unit Price	Total
Superintendent	Ken Menebroker	0.0	\$ 90.34	0.0	\$ 90.34	\$ 21.88	\$ -	\$ -		0.00	EA	\$ -	\$ -
Team Leader	Barry Hannine	0.0	\$ 98.27	0.0	\$ 98.27	\$ 19.79	\$ -	\$ -		0.00	EA	\$ -	\$ -
Operator	Juan Castillo	3.5	\$ 44.05	0.0	\$ 63.41	\$ 8.13	\$ 28.46	\$ 154.18		0.00	EA	\$ -	\$ -
Operator	Mike Triebenbach	3.5	\$ 57.49	0.0	\$ 77.26	\$ 8.13	\$ 28.46	\$ 201.22		0.00	EA	\$ -	\$ -
Operator	Bruce Talley	3.5	\$ 37.65	0.0	\$ 54.73	\$ 8.13	\$ 28.46	\$ 131.78		0.00	EA	\$ -	\$ -
Pipe Layer	Jose Carrasco	3.5	\$ 25.10	0.0	\$ 36.49	\$ -	\$ -	\$ 87.85		0.00	EA	\$ -	\$ -
Bottom Man	Gumercindo Enriquez	3.5	\$ 20.08	0.0	\$ 29.19	\$ -	\$ -	\$ 70.28		0.00	EA	\$ -	\$ -
Top Man	Luis Valdez	3.5	\$ 27.61	0.0	\$ 40.14	\$ 8.13	\$ 28.46	\$ 96.64		0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
Total							\$ 113.82	\$ 741.93		0.00	EA	\$ -	\$ -
EQUIPMENT										0.00	EA	\$ -	\$ -
Equipment	Model	Reg Hours	Reg Rate	Stdby Hours	Stdby Rate	Total				0.00	EA	\$ -	\$ -
Team Leader Truck	PF178	0.0	\$ 20.70	0.0	\$ 10.00	\$ -				0.00	EA	\$ -	\$ -
Backhoe 385	H6C7	3.5	\$ 423.75	0.0	\$ 245.00	\$ 1,483.13				0.00	EA	\$ -	\$ -
Loader 966	L6C33	3.5	\$ 154.85	0.0	\$ 92.00	\$ 541.98			Total	\$ -			\$ -
Dozer		0.0	\$ -	0.0	\$ -	\$ -			SUBCONTRACTOR(S) AND OUTSIDE SERVICES				
Compactor		0.0	\$ -	0.0	\$ -	\$ -				0.00	EA	\$ -	\$ -
1 Ton Truck	P1F27	3.5	\$ 31.55	0.0	\$ 11.00	\$ 110.43				0.00	EA	\$ -	\$ -
Small Tools	TRS20	3.5	\$ 65.46	0.0	\$ 32.73	\$ 229.11				0.00	EA	\$ -	\$ -
Trench Box	B30T6	3.5	\$ 12.75	0.0	\$ 11.00	\$ 44.63				0.00	EA	\$ -	\$ -
Superintendent Vehicle	VC5	0.0	\$ 23.90	0.0	\$ 8.00	\$ -				0.00	EA	\$ -	\$ -
Backhoe 400	H3K11	3.5	\$ 261.70	0.0	\$ 160.00	\$ 915.95				0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -				0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -				0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -				0.00	EA	\$ -	\$ -
Total						\$ 3,325.21			Total	\$ -			\$ -
OTHER									SUMMARY				
Description				Units	UM	Rate	Total		Sub-total Labor		\$ 741.93		
Extended Field Overhead (per day)				0.50	DA	\$ 306.13	\$ 153.07		Sub-total Subsistence		\$ 113.82		
				0.00	HR	\$ -	\$ -		Sub-total Equipment		\$ 3,325.21		
				0.00	HR	\$ -	\$ -		Sub-total Other		\$ 153.07		
				0.00	HR	\$ -	\$ -		Sub-total Material		\$ -		
				0.00	HR	\$ -	\$ -		Sub-total Subs/Outside Services		\$ -		
				0.00	HR	\$ -	\$ -		Excise Tax		0.000%	\$ -	
				0.00	HR	\$ -	\$ -		*Sub/Outside Services Mark-up		5%	\$ -	
				0.00	HR	\$ -	\$ -		*Labor, Subsistence, and Material Mark-up		15%	\$ 128.36	
				0.00	HR	\$ -	\$ -		*Additional Bond & Insurance Expense		1.00851%	\$ 45.00	
Total						153.07			TOTAL AMOUNT DUE		\$ 4,507.39		
									Schedule extended 0.50 days, due to this request.				

Authorized Signature: _____ **Signature** _____ **David Mitchell / Project Manager** _____ **Print Name and Title**

Date: _____

☒ PCO ☐ AP CB ☐ OB

Internal Admin. Use Only
SPR Control #
3870

ATTACHMENT 2
ITEM CO7-2
REMOVAL OF EXISTING CONCRETE IN THE
INTERCEPTOR ALIGNMENT (BID SECTION C)

SUPPLEMENTAL PAYMENT REQUEST



S.J. Louis Construction, Inc.

1351 Broadway Street W. PO Box 459

Rockville, Minnesota 56369

Phone: 320.253.9291

Fax: 320.253.3533

Bill To: Tim Engemoen

Black & Veatch

6300 S Syracuse Way, Suite 300

Centennial, CO 80111

Owner: City of Grand Island

Revised Negotiations Co#7

Date: February 23, 2016	SJL Job No.: 51428	SPR NO: 031
Project Name: Grand Island North Interceptor - Phase 2		
Location/Stationing:		
Plan Page:	Soil Type:	Sand
Present at Site: Ken Menebroker, Colt Shafer, Barry Hannine		
Work Requested By:		
Weather: Windy	Field Report No.:	005895
Temp: 40	Team Leader:	Barry Hannine

DESCRIPTION OF WORK PERFORMED:

Removed very large poured in place base section of existing sanitary manhole we have to eliminate. There is confusion due to existing 36" pipe being 5 inches low. No decision yet on how to fix the problem, so we have set the manhole and will fix tomorrow.

LABOR								MATERIALS				
Labor	Reg Hours	Reg Rate	OT Hours	OT Rate	Per Diem Rate	Per Diem Total	Labor Total	Material (Inc.Tickets/Invoices)	Units	UOM	Unit Price	Total
Superintendent Ken Menebroker	0.0	\$ 90.34	0.0	\$ 90.34	\$ 21.88	\$ -	\$ -		0.00	EA	\$ -	\$ -
Team Leader Barry Hannine	0.0	\$ 98.27	0.0	\$ 98.27	\$ 19.79	\$ -	\$ -		0.00	EA	\$ -	\$ -
Operator Juan Castillo	2.0	\$ 44.05	0.0	\$ 63.41	\$ 8.13	\$ 16.26	\$ 88.10		0.00	EA	\$ -	\$ -
Operator Mike Triebenbach	2.0	\$ 57.49	0.0	\$ 77.26	\$ 8.13	\$ 16.26	\$ 114.98		0.00	EA	\$ -	\$ -
Operator Bruce Talley	2.0	\$ 37.65	0.0	\$ 54.73	\$ 8.13	\$ 16.26	\$ 75.30		0.00	EA	\$ -	\$ -
Pipe Layer Jose Carrazco	2.0	\$ 25.10	0.0	\$ 36.49	\$ -	\$ -	\$ 50.20		0.00	EA	\$ -	\$ -
Bottom Man Gumercindo Enriquez	2.0	\$ 20.08	0.0	\$ 29.19	\$ -	\$ -	\$ 40.16		0.00	EA	\$ -	\$ -
Top Man Luis Valdez	2.0	\$ 27.61	0.0	\$ 40.14	\$ 8.13	\$ 16.26	\$ 55.22		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
Total						\$ 65.04	\$ 423.96		0.00	EA	\$ -	\$ -
EQUIPMENT									0.00	EA	\$ -	\$ -
									0.00	EA	\$ -	\$ -
Equipment	Model	Reg Hours	Reg Rate	Stdby Hours	Stdby Rate	Total			0.00	EA	\$ -	\$ -
Team Leader Truck	PF178	0.0	\$ 20.70	0.0	\$ 10.00	\$ -			0.00	EA	\$ -	\$ -
Backhoe 385	H6C7	2.0	\$ 423.75	0.0	\$ 245.00	\$ 847.50			0.00	EA	\$ -	\$ -
Loader 966	L6C33	2.0	\$ 154.85	0.0	\$ 92.00	\$ 309.70		Total			\$ -	
Dozer		0.0	\$ -	0.0	\$ -	\$ -		SUBCONTRACTOR(S) AND OUTSIDE SERVICES				
Compactor		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
1 Ton Truck	P1F27	2.0	\$ 31.55	0.0	\$ 11.00	\$ 63.10			0.00	EA	\$ -	\$ -
Small Tools	TRS20	2.0	\$ 65.46	0.0	\$ 32.73	\$ 130.92			0.00	EA	\$ -	\$ -
Trench Box	BX20T12	2.0	\$ 13.95	0.0	\$ 12.00	\$ 27.90			0.00	EA	\$ -	\$ -
Superintendent Vehicle	VC5	0.0	\$ 23.90	0.0	\$ 8.00	\$ -			0.00	EA	\$ -	\$ -
Backhoe 400	H3K11	2.0	\$ 261.70	0.0	\$ 160.00	\$ 523.40			0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
Total						\$ 1,902.52		Total			\$ -	
OTHER					SUMMARY							
Description		Units	UM	Rate	Total		Sub-total Labor			\$ 423.96		
Extended Field Overhead (per day)		0.25	DA	\$ 306.13	\$ 76.53		Sub-total Subsistence			\$ 65.04		
		0.00	HR	\$ -	\$ -		Sub-total Equipment			\$ 1,902.52		
		0.00	HR	\$ -	\$ -		Sub-total Other			\$ 76.53		
		0.00	HR	\$ -	\$ -		Sub-total Material			\$ -		
		0.00	HR	\$ -	\$ -		Sub-total Subs/Outside Services			\$ -		
		0.00	HR	\$ -	\$ -		Excise Tax		0.000%	\$ -		
		0.00	HR	\$ -	\$ -		*Sub/Outside Services Mark-up		5%	\$ -		
		0.00	HR	\$ -	\$ -		*Labor, Subsistence, and Material Mark-up		15%	\$ 73.35		
		0.00	HR	\$ -	\$ -		*Additional Bond & Insurance Expense		1.00851%	\$ 25.63		
Total					\$ 76.53		TOTAL AMOUNT DUE			\$ 2,567.03		
								Schedule extended 0.25 days, due to this request.				

Authorized Signature:

Signature

David Mitchell / Project Manager

Print Name and Title

Date:

☒ PCO

☐ AP CB

☐ OB

Internal Admin. Use Only

SPR Control #

3878

ATTACHMENT 3
ITEM CO7-3
CUSTOMIZE 60" DIAMETER MANHOLE TO
REPLACE EXISTING 84" DIAMETER MANHOLE
NEAR LIFT STATION NO. 19 (BID SECTION C)

SUPPLEMENTAL PAYMENT REQUEST



S.J. Louis Construction, Inc.
1351 Broadway Street W. PO Box 459
Rockville, Minnesota 56369
Phone: 320.253.9291
Fax: 320.253.3533

Bill To: Tim Engemoen
Black & Veatch
6300 S Syracuse Way, Suite 300
Centennial, CO 80111

Owner: City of Grand Island

Revised Negotiations CO #7

Date: February 24, 2016	SJL Job No.: 51428	SPR NO: 032
Project Name: Grand Island North Interceptor - Phase 2		
Location/Stationing:		
Plan Page: Soil Type:		
Present at Site: Ken Menebroker, Colt Shafer, Barry Hannine		
Work Requested By:		
Weather: Clear	Field Report No.: 005896	
Temp: 45	Team Leader: Barry Hannine	

DESCRIPTION OF WORK PERFORMED:

Excavate back to existing manhole from end of 36" pipe so we could raise. Used choker and J-tamper to get proper grade to flow into manhole 7. Then cut two feet of 36 Inch pipe and sleeves to tie to manhole. Poured concrete collars. Poured base and invert on new 60" manhole that ties 15" into manhole 7.

LABOR								MATERIALS				
Labor	Reg Hours	Reg Rate	OT Hours	OT Rate	Per Diem Rate	Per Diem Total	Labor Total	Material (Inc.Tickets/Invoices)	Units	UOM	Unit Price	Total
Superintendent Ken Menebroker	0.0	\$ 90.34	0.0	\$ 90.34	\$ 21.88	\$ -	\$ -	Concrete - Consolidated Concrete	8.00	YDS	\$ 99.75	\$ 798.00
Team Leader Barry Hannine	0.0	\$ 98.27	0.0	\$ 98.27	\$ 19.79	\$ -	\$ -	Colorado Precast 3' x5' Rings	3.00	EA	\$ 1,432.86	\$ 4,298.58
Operator Juan Castillo	3.5	\$ 44.05	0.0	\$ 63.41	\$ 8.13	\$ 28.46	\$ 154.18	Utility Solutions MH Coating	12.00	EA	\$ 190.00	\$ 2,280.00
Operator Mike Triebenbach	3.5	\$ 57.49	0.0	\$ 77.26	\$ 8.13	\$ 28.46	\$ 201.22		0.00	EA	\$ -	\$ -
Operator Bruce Talley	3.5	\$ 37.65	0.0	\$ 54.73	\$ 8.13	\$ 28.46	\$ 131.78		0.00	EA	\$ -	\$ -
Pipe Layer Jose Carrazco	3.5	\$ 25.10	0.0	\$ 36.49	\$ -	\$ -	\$ 87.85		0.00	EA	\$ -	\$ -
Bottom Man Gumercindo Enriquez	3.5	\$ 20.08	0.0	\$ 29.19	\$ -	\$ -	\$ 70.28		0.00	EA	\$ -	\$ -
Top Man Luis Valdez	3.5	\$ 27.61	0.0	\$ 40.14	\$ 8.13	\$ 28.46	\$ 96.64		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
	0.0	\$ -	0.0	\$ -	\$ -	\$ -	\$ -		0.00	EA	\$ -	\$ -
Total						\$ 113.82	\$ 741.93		0.00	EA	\$ -	\$ -
EQUIPMENT									0.00	EA	\$ -	\$ -
									0.00	EA	\$ -	\$ -
Equipment	Model	Reg Hours	Reg Rate	Stdby Hours	Stdby Rate	Total			0.00	EA	\$ -	\$ -
Team Leader Truck	PF178	0.0	\$ 20.70	0.0	\$ 10.00	\$ -			0.00	EA	\$ -	\$ -
Backhoe 385	H6C7	3.5	\$ 423.75	0.0	\$ 245.00	\$ 1,483.13			0.00	EA	\$ -	\$ -
Loader 966	L6C33	3.5	\$ 154.85	0.0	\$ 92.00	\$ 541.98		Total			\$ 7,376.58	
Dozer		0.0	\$ -	0.0	\$ -	\$ -		SUBCONTRACTOR(S) AND OUTSIDE SERVICES				
Compactor		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
1 Ton Truck	P1F27	3.5	\$ 31.55	0.0	\$ 11.00	\$ 110.43			0.00	EA	\$ -	\$ -
Small Tools	TRS20	3.5	\$ 65.46	0.0	\$ 32.73	\$ 229.11			0.00	EA	\$ -	\$ -
Trench Box	B30T6	0.0	\$ 12.75	0.0	\$ 11.00	\$ -			0.00	EA	\$ -	\$ -
Superintendent Vehicle	VC5	0.0	\$ 23.90	0.0	\$ 8.00	\$ -			0.00	EA	\$ -	\$ -
Backhoe 400	H3K11	3.5	\$ 261.70	0.0	\$ 160.00	\$ 915.95			0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
		0.0	\$ -	0.0	\$ -	\$ -			0.00	EA	\$ -	\$ -
Total						\$ 3,280.59		Total			\$ -	
OTHER								SUMMARY				
Description			Units	UM	Rate	Total		Sub-total Labor		\$ 741.93		
Extended Field Overhead (per day)			0.50	DA	\$ 306.13	\$ 153.07		Sub-total Subsistence		\$ 113.82		
			0.00	HR	\$ -	\$ -		Sub-total Equipment		\$ 3,280.59		
			0.00	HR	\$ -	\$ -		Sub-total Other		\$ 153.07		
			0.00	HR	\$ -	\$ -		Sub-total Material		\$ 7,376.58		
			0.00	HR	\$ -	\$ -		Sub-total Subs/Outside Services		\$ -		
			0.00	HR	\$ -	\$ -		Excise Tax		0.000%	\$ -	
			0.00	HR	\$ -	\$ -		*Sub/Outside Services Mark-up		5%	\$ -	
			0.00	HR	\$ -	\$ -		*Labor, Subsistence, and Material Mark-up		15%	\$ 1,234.85	
			0.00	HR	\$ -	\$ -		*Additional Bond & Insurance Expense		1.00851%	\$ 130.11	
Total					\$ 153.07			TOTAL AMOUNT DUE		\$ 13,030.94		
								Schedule extended 0.50 days, due to this request.				

Authorized Signature: _____ **Signature** David Mitchell / Project Manager **Print Name and Title**

Date: _____

☒ PCO ☐ AP CB ☐ OB

Internal Admin. Use Only
SPR Control #
3879

ATTACHMENT 4
ITEM CO7-4
MODIFIED 60" DIAMETER MANHOLE NEAR
MCCAIN FOODS LINE (BID SECTION C)

SUPPLEMENTAL PAYMENT REQUEST



S.J. Louis Construction, Inc.
1351 Broadway Street W. PO Box 459
Rockville, Minnesota 56369
Phone: 320.253.9291
Fax: 320.253.3533

Bill To: Tim Engemoen
Black & Veatch
6300 S Syracuse Way, Suite 300
Centennial, CO 80111

Owner: City of Grand Island

Revised Negotiations CO #7

Date: March 9, 2016	SJL Job No.: 51428	SPR NO: 034
Project Name: Grand Island North Interceptor - Phase 2		
Location/Stationing:		
Plan Page: 97	Soil Type:	Sand
Present at Site: Barry Hannine&Crew;Colf Shaffer/Olssens		
Work Requested By:		
Weather: Prtly Cloudy	Field Report No.:	005898
Temp: 60	Team Leader:	Barry Hannine

DESCRIPTION OF WORK PERFORMED:

21" line we were installing to MH1C. When we got to where the existing line was to be, according to the plans, we did not find. Line was 41 feet farther to the north. Grade we were installing this pipe 3-60% would not work with the actual location on existing line. We had to dig back and flatten grade on two pipe and flatten pipe to new location of manhole. We also had to saw cut opening in manhole to accept 24" clay tile pipe then use concrete to doghouse inside and outside of manhole. Also encased 2" clay pipe for possible leaks.

LABOR								MATERIALS					
Labor		Reg Hours	Reg Rate	OT Hours	OT Rate	Per Diem Rate	Per Diem Total	Labor Total	Material (Inc.Tickets/Invoices)	Units	UOM	Unit Price	Total
Superintendent	Ken Menebroker	0.0	\$ 90.34	0.0	\$ 90.34	\$ 21.88	\$ -	\$ -	Concrete - Consolidated Concrete	2.00	YDS	\$ 99.75	\$ 199.50
Team Leader	Barry Hannine	0.0	\$ 98.27	0.0	\$ 98.27	\$ 19.79	\$ -	\$ -	21" PVC - Lincoln Winwater	0.00	FT	\$ 21.70	\$ -
Operator	Juan Castillo	7.0	\$ 44.05	0.0	\$ 63.41	\$ 8.13	\$ 56.91	\$ 308.35		0.00	EA	\$ -	\$ -
Operator	Mike Triebenbach	7.0	\$ 57.49	0.0	\$ 77.26	\$ 8.13	\$ 56.91	\$ 402.43		0.00	EA	\$ -	\$ -
Operator	Bruce Talley	7.0	\$ 37.65	0.0	\$ 54.73	\$ 8.13	\$ 56.91	\$ 263.55		0.00	EA	\$ -	\$ -
Pipe Layer	Juan Larran	7.0	\$ 35.14	0.0	\$ 51.08	\$ 8.13	\$ 56.91	\$ 245.98		0.00	EA	\$ -	\$ -
Bottom Man	Gumercindo Enriquez	7.0	\$ 20.08	0.0	\$ 29.19	\$ -	\$ -	\$ 140.56		0.00	EA	\$ -	\$ -
Top Man	Luis Valdez	7.0	\$ 27.61	0.0	\$ 40.14	\$ 8.13	\$ 56.91	\$ 193.27		0.00	EA	\$ -	\$ -
Top Man	Adrian Villasenor	7.0	\$ 33.08	0.0	\$ 47.52	\$ 8.13	\$ 56.91	\$ 231.56		0.00	EA	\$ -	\$ -
										0.00	EA	\$ -	\$ -
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										0.00	EA	\$ -	\$ -
Total								\$ 341.46	\$ 1,785.70	0.00	EA	\$ -	\$ -
EQUIPMENT													
										0.00	EA	\$ -	\$ -
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Authorized Signature: _____ **Signature** David Mitchell / Project Manager **Print Name and Title**

Date: _____

☒ PCO ☐ AP CB ☐ OB

Internal Admin. Use Only
SPR Control #
3881

ATTACHMENT 5
ITEM CO7-7
REPAIR DAMAGED CURB STOP (BID SECTION H)



O'Hara Plumbing Co. Inc.
P.O. Box 1038
Grand Island, Ne 68802-1038

Invoice

JUN 14 2016

Date	Invoice #
6/10/2016	92939

Bill To
SJ Lewis Construction 1351 Broadway St. W. Rockville, MN 56369

Phone	308-382-0767
Fax	308-382-5166
E-mail	oharaplumbing@hamilton.net

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Amount
	2304 Repair broken water service @ 2304 Forrest St	
1	3/4" galv compression coupling	4.08T
1	3/4" brass nipple	8.45T
1	3/4" brass coupling	7.45T
1	3/4" male compression adapter	26.89T
1	curb box top	62.30T
	Labor: Steve & Cody	190.00
<i>Called Barry.</i> <i>- Another Rotted curb stop. Below grade and heavily corroded and leaking</i>		
<i>need po?</i>		
Vendor _____		
Job/Unit _____		
GL Code _____		
Initials _____		
Sales Tax (7.0%)		\$7.64
Payments/Credits		\$0.00
Balance Due		\$299.17 \$306.81 x 5% OH&P - \$14.96 GRAND TOTAL - \$314.13

ATTACHMENT 6
ITEM CO7-8
REMOVE AND REPLACE STORM SEWER PIPE IN
SKY PARK ROAD (BID SECTION A)

	Item Description	Quantity	Unit	Unit Cost	Total Cost
CO7-8A	Mobilization	1	LS	\$6,000.00	\$6,000.00
CO7-8B	Connect to Existing Storm Sewer	1	EA	\$6,000.00	\$6,000.00
CO7-8C	72" RCP Bend	1	EA	\$4,500.00	\$4,500.00
CO7-8D	72" RCP Storm Sewer	152	LF	\$655.75	\$99,674.00
CO7-8E	72" RCP Flared End	1	EA	\$3,800.00	\$3,800.00
CO7-8F	Traffic Control	1	LS	\$4,500.00	\$4,500.00
CO7-8G	Remove 8" Asphalt Paving	53	SY	\$3.00	\$159.00
CO7-8H	Place 8" Concrete Paving	53	SY	\$37.00	\$1,961.00
	Total				\$126,594.00

ATTACHMENT 7
ITEM CO7-14
BID SECTION A QUANTITY AND COST
ADJUSTMENTS

TABLE C07-1 MODIFICATIONS TO UNIT PRICE SCHEDULE FOR BID SECTION A					
	Item Description	Quantity	Unit	Unit Cost	Total Cost
2	Sanitary Sewer Pipe				
2.4	8-inch Sanitary Sewer	37 0	LF		
2.4_CO1	8-inch Sanitary Sewer with Native Bedding	0 1,269	LF		
2.6	12-inch Sanitary Sewer	268 0	LF		
2.6_CO1	12-inch Sanitary Sewer with Native Bedding	0 216	LF		
2.7	15-inch Sanitary Sewer	109 0	LF		
2.7_CO1	15-inch Sanitary Sewer with Native Bedding	0 48	LF		
2.8	18-inch Sanitary Sewer	20 0	LF		
2.9	21-inch Sanitary Sewer	20 0	LF		
2.15	48-inch Sanitary Sewer	12,050 1,455	LF		
2.15_CO1	48-inch Sanitary Sewer with Native Bedding	0 11,495	LF		
2.15_CO4	48-inch Sanitary Sewer - Capital/Broadwell	0 212	LF		
2.15A	48-Inch Sanitary Sewer (FRPM)	885 0	LF		
2.17	Trenchless Crossing No. 2	240 225	LF		
2.18	Trenchless Crossing No. 3	212 0	LF		
2.23	8-inch Sanitary Sewer Plug/Cap for New Stub Outs	2 0	Each		
2.25	12-inch Sanitary Sewer Plug/Cap for New Stub Outs	10 9	Each		
2.46	Connection to Sanitary Sewer Line, Less Than 24-inch	2 1	Each		
3	Storm Sewer Pipe and Open Drainage Channels				
3.18	60-Inch Double Wall Polypropylene Storm Sewer	1,667 0	LF		
3.18_CO1	60-Inch Double Wall Polypropylene Storm Sewer with Native Bedding	0 1,667	LF		
3.19	72-Inch HDPE Storm Sewer	73 20	LF		
3.19_CO1	72-Inch HDPE Storm Sewer with Native Bedding	0 53	LF		
3.27	Install Area Inlet on 60-Inch Storm Sewer	6 7	Each		
3.28	Connection to Storm Sewer Lines	3 5	Each		
4	Manholes and Structures				
4.1	72-Inch Diameter Standard Manhole (Sanitary Sewer, FRP)	9 11	Each		
4.2	92-Inch Diameter Standard Manhole (Sanitary Sewer, FRP)	10 9	Each		
4.4	72-Inch Diameter Outside Drop Manhole (Sanitary Sewer, FRP)	1 3	Each		
4.6	48-Inch Diameter Standard Manhole (Sanitary Sewer, Concrete)	1 7	Each		
4.10	Additional Depth, 72-Inch Diameter Manhole (Sanitary Sewer, FRP); Standard and Drop	41.71 59.48	VF		
4.11	Additional Depth, 92-Inch Diameter Manhole (Sanitary Sewer, FRP); Standard and Drop	51.59 55.48	VF		
4.13	Additional Depth, 48-inch Diameter Manhole (sanitary Sewer, Concrete) Standard and Drop	4 0	VF		

TABLE C07-1 MODIFICATIONS TO UNIT PRICE SCHEDULE FOR BID SECTION A					
	Item Description	Quantity	Unit	Unit Cost	Total Cost
4.25	Cast in Place Concrete Manholes	5 0	Each		
4.28	Connection to Storm Sewers	3 4	Each		
6	Roadway, Concrete Drive and Sidewalk Construction				
6.1	Remove 4-Inch Concrete Walk	527 474.9	SY		
6.2	Remove 5-Inch Concrete Drive	54 29	SY		
6.4	Remove 8-Inch Concrete Pavement	785 680	SY		
6.6	Remove 8-Inch Asphalt Pavement	797 624	SY		
6.8	Place 4-Inch Concrete Sidewalk	524 346.9	SY		
6.9	Place 5-Inch Concrete Drive	55 6	SY		
6.12	Place 8-inch Concrete Pavement	1029 583	SY		
6.14	Place 8-Inch Asphalt Pavement	643 522	SY		
6.17	Place Curb and Gutter	186 319	LF		
6.19	Detectable Warning Plate	16 0	EA		
6.20	Crushed Rock Surfacing	10 20	Ton		
7	Property Rehabilitation and Landscape				
7.1	Drainage Ditch Rehabilitation with Erosion Control Mat	8.7 3.92	Acre		
7.3	Lawn Sod Application	0.5 0	Acre		
7.5	Pasture Seed and Mulch Application	9.2 10.34	Acre		
7.6	Remove Chain Link Fence	185 285	LF		
7.11	Remove and Replace Property Fence	932 2800	LF		
7.20	Baseball Backstop Removal and Replacement	1 0	LS		
9	Waterlines				
9.1	6" Ductile Iron Water Main	159 165	LF		
9.11	6-inch Cut-In Valve	2 1	Each		
10	Miscellaneous				
10.2	Miscellaneous Concrete	100 29	CY		
10.8	Erosion and Sedimentation Control	1 0.55	LS		
11	Change Orders				
	CO3 - 84" CMP Storm Sewer	330 684	LF		
	CO3 - Connect to Existing Storm Sewer	1 2	EA		

TABLE CO7-2 COST DIFFERENTIALS FOR CHANGES TO BID SECTION A QUANTITIES								
	Item Description	Current Contract Quantity (Bid Quantity w/ Approved Change Orders)	Constructed Quantity	Unit	Unit Cost	Current Contract Cost (Bid Cost w/ Approved Change Orders)	Total Constructed Cost	Differential
1	Mobilization	1	1	LS	\$500,000.00	\$500,000.00	\$500,000.00	\$0.00
2	Sanitary Sewer Pipe							
2.4	8-inch Sanitary Sewer	37	0	LF	\$75.00	\$2,775.00	\$0.00	-\$2,775.00
2.4_CO1	8-inch Sanitary Sewer with Native Bedding	0	1269	LF	\$65.80	\$0.00	\$83,500.20	\$83,500.20
2.6	12-inch Sanitary Sewer	268	0	LF	\$80.00	\$21,440.00	\$0.00	-\$21,440.00
2.6_CO1	12-inch Sanitary Sewer with Native Bedding	0	216	LF	\$70.80	\$0.00	\$15,292.80	\$15,292.80
2.7	15-inch Sanitary Sewer	109	0	LF	\$90.00	\$9,810.00	\$0.00	-\$9,810.00
2.7_CO1	15-inch Sanitary Sewer with Native Bedding	0	48	LF	\$80.80	\$0.00	\$3,878.40	\$3,878.40
2.8	18-inch Sanitary Sewer	20	0	LF	\$100.00	\$2,000.00	\$0.00	-\$2,000.00
2.8_CO1	18-inch Sanitary Sewer with Native Bedding	0	0	LF	\$85.27	\$0.00	\$0.00	\$0.00
2.9	21-inch Sanitary Sewer	20	0	LF	\$105.00	\$2,100.00	\$0.00	-\$2,100.00
2.9_CO1	21-inch Sanitary Sewer with Native Bedding	0	0	LF	\$90.27	\$0.00	\$0.00	\$0.00
2.15	48-inch Sanitary Sewer	12,050	1,455	LF	\$269.00	\$3,241,450.00	\$391,395.00	-\$2,850,055.00
2.15_CO1	48-inch Sanitary Sewer with Native Bedding	0	11,495	LF	\$250.25	\$0.00	\$2,876,623.75	\$2,876,623.75
2.15_CO4	48-inch Sanitary Sewer - Capital/Broadwell	212	212	LF	\$1,445.00	\$306,340.00	\$306,340.00	\$0.00
2.15A	48-Inch Sanitary Sewer (FRPM)	885	0	LF	\$309.00	\$273,465.00	\$0.00	-\$273,465.00
2.15A_CO1	48-Inch Sanitary Sewer (FRPM) with Native Bedding	0	0	LF	\$290.25	\$0.00	\$0.00	\$0.00
2.16	Trenchless Crossing No. 1	135	135	LF	\$2,050.00	\$276,750.00	\$276,750.00	\$0.00
2.17	Trenchless Crossing No. 2	240	225	LF	\$1,800.00	\$432,000.00	\$405,000.00	-\$27,000.00
2.18	Trenchless Crossing No. 3	0	0	LF	\$2,700.00	\$0.00	\$0.00	\$0.00
2.18_CO2	Trenchless Crossing 3	0	0	LF	\$2,413.11	\$0.00	\$0.00	\$0.00
2.23	8-inch Sanitary Sewer Plug/Cap for New Stub Outs	2	0	Each	\$550.00	\$1,100.00	\$0.00	-\$1,100.00
2.25	12-inch Sanitary Sewer Plug/Cap for New Stub Outs	10	9	Each	\$600.00	\$6,000.00	\$5,400.00	-\$600.00
2.26	15-inch Sanitary Sewer Plug/Cap for New Stub Outs	2	2	Each	\$650.00	\$1,300.00	\$1,300.00	\$0.00
2.27	18-inch Sanitary Sewer Plug/Cap for New Stub Outs	1	1	Each	\$700.00	\$700.00	\$700.00	\$0.00
2.28	21-inch Sanitary Sewer Plug/Cap for New Stub Outs	1	1	Each	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00
2.46	Connection to Sanitary Sewer Line, Less Than 24-inch	2	1	Each	\$2,000.00	\$4,000.00	\$2,000.00	-\$2,000.00
3	Storm Sewer Pipe and Open Drainage Channels							
3.18	60-Inch Double Wall Polypropylene Storm Sewer	1,667	0	LF	\$170.00	\$283,390.00	\$0.00	-\$283,390.00
3.18_CO1	60-Inch Double Wall Polypropylene Storm Sewer with Native Bedding	0	1,667	LF	\$161.70	\$0.00	\$269,553.90	\$269,553.90
3.19	72-Inch HDPE Storm Sewer	73	20	LF	\$575.00	\$41,975.00	\$11,500.00	-\$30,475.00
3.19_CO1	72-Inch HDPE Storm Sewer with Native Bedding	0	53	LF	\$566.68	\$0.00	\$30,034.04	\$30,034.04
3.27	Install Area Inlet on 60-Inch Storm Sewer	6	7	Each	\$6,000.00	\$36,000.00	\$42,000.00	\$6,000.00
3.28	Connection to Storm Sewer Lines	3	5	Each	\$4,500.00	\$13,500.00	\$22,500.00	\$9,000.00
4	Manholes and Structures							
4.1	72-Inch Diameter Standard Manhole (Sanitary Sewer, FRP)	9	11	Each	\$18,500.00	\$166,500.00	\$203,500.00	\$37,000.00
4.2	92-Inch Diameter Standard Manhole (Sanitary Sewer, FRP)	10	9	Each	\$33,000.00	\$330,000.00	\$297,000.00	-\$33,000.00
4.4	72-Inch Diameter Outside Drop Manhole (Sanitary Sewer, FRP)	2	3	Each	\$19,000.00	\$38,000.00	\$57,000.00	\$19,000.00
4.6	48-Inch Diameter Standard Manhole (Sanitary Sewer, Concrete)	1	7	Each	\$4,550.00	\$4,550.00	\$31,850.00	\$27,300.00
4.10	Additional Depth, 72-Inch Diameter Manhole (Sanitary Sewer, FRP); Standard and Drop	47.52	59.48	VF	\$950.00	\$45,144.00	\$56,506.00	\$11,362.00
4.11	Additional Depth, 92-Inch Diameter Manhole (Sanitary Sewer, FRP); Standard and Drop	51.59	55.48	VF	\$1,600.00	\$82,544.00	\$88,768.00	\$6,224.00
4.13	Additional Depth, 48-Inch Diameter Manhole (Sanitary Sewer, concrete); Standard and Drop	4.34	0	VF	\$200.00	\$868.00	\$0.00	-\$868.00
4.19	120-Inch Diameter Storm Sewer Manhole, Concrete	1	1	Each	\$33,000.00	\$33,000.00	\$33,000.00	\$0.00
4.20	Additional Depth, 120-Inch Diameter Storm Sewer Manhole, Concrete	3	3	VF	\$1,600.00	\$4,800.00	\$4,800.00	\$0.00
4.21	Storm Sewer Junction Box	2	2	Each	\$30,000.00	\$60,000.00	\$60,000.00	\$0.00
4.25	Cast in Place Concrete Manholes	4	0	Each	\$80,000.00	\$320,000.00	\$0.00	-\$320,000.00
4.27	Concrete Headwall, Storm Sewer	1	1	Each	\$17,000.00	\$17,000.00	\$17,000.00	\$0.00
4.28	Connection to Storm Sewers	3	4	Each	\$1,000.00	\$3,000.00	\$4,000.00	\$1,000.00

TABLE C07-2 COST DIFFERENTIALS FOR CHANGES TO BID SECTION A QUANTITIES								
	Item Description	Current Contract Quantity (Bid Quantity w/ Approved Change Orders)	Constructed Quantity	Unit	Unit Cost	Current Contract Cost (Bid Cost w/ Approved Change Orders)	Total Constructed Cost	Differential
5	Trench Conditions							
5.1	Dewatering	1	1	LS	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$0.00
5.3	Additional Shoring	1	1	LS	\$1,405,800.00	\$1,405,800.00	\$1,405,800.00	\$0.00
6	Roadway, Concrete Drive and Sidewalk Construction							
6.1	Remove 4-Inch Concrete Walk	527	474.9	SY	\$3.50	\$1,844.50	\$1,662.15	-\$182.35
6.2	Remove 5-Inch Concrete Drive	54	29	SY	\$3.50	\$189.00	\$101.50	-\$87.50
6.4	Remove 8-Inch Concrete Pavement	785	680	SY	\$3.50	\$2,747.50	\$2,380.00	-\$367.50
6.6	Remove 8-Inch Asphalt Pavement	797	624	SY	\$3.00	\$2,391.00	\$1,872.00	-\$519.00
6.8	Place 4-Inch Concrete Sidewalk	524	346.9	SY	\$37.00	\$19,388.00	\$12,835.30	-\$6,552.70
6.9	Place 5-Inch Concrete Drive	55	6	SY	\$37.00	\$2,035.00	\$222.00	-\$1,813.00
6.12	Place 8-inch Concrete Pavement	1,029	583	SY	\$28.00	\$28,812.00	\$16,324.00	-\$12,488.00
6.14	Place 8-Inch Asphalt Pavement	643	522	SY	\$50.00	\$32,150.00	\$26,100.00	-\$6,050.00
6.16	Remove Curb and Gutter	186	186	LF	\$3.00	\$558.00	\$558.00	\$0.00
6.17	Place Curb and Gutter	186	319	LF	\$29.00	\$5,394.00	\$9,251.00	\$3,857.00
6.19	Detectable Warning Plate	16	0	Each	\$225.00	\$3,600.00	\$0.00	-\$3,600.00
6.2	Crushed Rock Surfacing	10	20	Ton	\$20.00	\$200.00	\$400.00	\$200.00
7	Property Rehabilitation and Landscape							
7.1	Drainage Ditch Rehabilitation with Erosion Control Mat	8.7	3.92	Acre	\$6,800.00	\$59,160.00	\$26,656.00	-\$32,504.00
7.3	Lawn Sod Application	0.5	0	Acre	\$19,500.00	\$9,750.00	\$0.00	-\$9,750.00
7.5	Pasture Seed and Mulch Application	9.2	10.34	Acre	\$1,100.00	\$10,120.00	\$11,374.00	\$1,254.00
7.6	Remove Chain Link Fence	185	285	LF	\$9.00	\$1,665.00	\$2,565.00	\$900.00
7.8	Install Chain Link Fence	125	125	LF	\$9.00	\$1,125.00	\$1,125.00	\$0.00
7.1	Remove and Replace Property Fence	932	2800	LF	\$6.00	\$5,592.00	\$16,800.00	\$11,208.00
7.11	Tree Removal	1	1	LS	\$7,000.00	\$7,000.00	\$7,000.00	\$0.00
7.13	Knickrehm School Landscaping	1	1	LS	\$6,900.00	\$6,900.00	\$6,900.00	\$0.00
7.14	U.S. Veterans Hospital Landscaping	1	1	LS	\$7,000.00	\$7,000.00	\$7,000.00	\$0.00
7.16	Veterans Club Sprinkler Modification	1	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00
7.18	Basketball Court Remove and Replace	1	1	LS	\$12,000.00	\$12,000.00	\$12,000.00	\$0.00
7.2	Baseball Backstop Removal and Replacement	1	0	LS	\$4,000.00	\$4,000.00	\$0.00	-\$4,000.00
8	Lift Station Abandonment							
9	Waterlines							
9.1	6" Ductile Iron Water Main	159	165	LF	\$40.00	\$6,360.00	\$6,600.00	\$240.00
9.2	Ductile Iron Fittings	955	955	LBS	\$4.00	\$3,820.00	\$3,820.00	\$0.00
9.4	18"x6" Tapping Tee w/Valve	2	2	Each	\$3,900.00	\$7,800.00	\$7,800.00	\$0.00
9.9	Water Main Connection (Wet Cut-In)	2	2	Each	\$750.00	\$1,500.00	\$1,500.00	\$0.00
9.1	Temporary Water Service	1	1	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00
9.11	6-inch Cut-In Valve	2	1	Each	\$3,000.00	\$6,000.00	\$3,000.00	-\$3,000.00
10	Miscellaneous							
10.1	Traffic Control	1	1	LS	\$55,000.00	\$55,000.00	\$55,000.00	\$0.00
10.2	Miscellaneous Concrete	100	29	CY	\$300.00	\$30,000.00	\$8,700.00	-\$21,300.00
10.3	BNSF Flagman	1	1	LS	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00
10.4	Nebraska Central Railroad Flagman	1	1	LS	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00
10.5	Bypass Pumping	1	1	LS	\$35,000.00	\$35,000.00	\$35,000.00	\$0.00
10.8	Erosion and Sedimentation Control	1	0.55	LS	\$60,000.00	\$60,000.00	\$33,000.00	-\$27,000.00
11	Change Orders							
	IC03 - R4" CMP Storm Sewer	330	684	LF	\$520.00	\$171,600.00	\$355,680.00	\$184,080.00

TABLE CO7-2 COST DIFFERENTIALS FOR CHANGES TO BID SECTION A QUANTITIES								
	Item Description	Current Contract Quantity (Bid Quantity w/ Approved Change Orders)	Constructed Quantity	Unit	Unit Cost	Current Contract Cost (Bid Cost w/ Approved Change Orders)	Total Constructed Cost	Differential
	CO3 - Connect to Existing Storm Sewer	1	2	EA	\$6,000.00	\$6,000.00	\$12,000.00	\$6,000.00
	CO3 - 84" CMP x 30" CMP Tee w/ Area Inlet	2	2	EA	\$17,500.00	\$35,000.00	\$35,000.00	\$0.00
	CO3 - Concrete Headwall	4	4	EA	\$24,700.00	\$98,800.00	\$98,800.00	\$0.00
	CO4 - Re-Route Dewatering at Capital & Broadwell	1	1	LS	\$5,142.28	\$5,142.28	\$5,142.28	\$0.00
	CO4 - Additional Storm Sewer Work at Capital Ave and Broadwell Avenue Intersection	1	1	LS	\$159,445.65	\$159,445.65	\$159,445.65	\$0.00
	CO5 - 8" Sanitary Sewer east of St. Paul	1	1	LS	\$43,191.08	\$43,191.08	\$43,191.08	\$0.00
	CO5 - Additional Storm Sewer at St. Paul	1	1	LS	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00
	CO5 - 96" Drop Manhole in St. Paul	1	1	LS	\$34,500.00	\$34,500.00	\$34,500.00	\$0.00
	CO5 - Storm Sewer Work near BNSF	1	1	LS	\$6,143.20	\$6,143.20	\$6,143.20	\$0.00
	CO5 - Additional Storm Sewer at Capital and Broadwell	1	1	LS	\$16,050.27	\$16,050.27	\$16,050.27	\$0.00
	CO5 - Damage to Homeowner's sewer at 1624 St. Paul	1	1	LS	-\$8,003.95	-\$8,003.95	-\$8,003.95	\$0.00
	CO5 - Vet's Hospital Power	1	1	LS	\$7,851.38	\$7,851.38	\$7,851.38	\$0.00
	TOTAL BID SECTION A							-\$385,783.96

ATTACHMENT 8
ITEM CO7-15
BID SECTION C QUANTITY AND COST
ADJUSTMENTS

TABLE C07-3 MODIFICATIONS TO UNIT PRICE SCHEDULE FOR BID SECTION C					
	Item Description	Quantity	Unit	Unit Cost	Total Cost
2	Sanitary Sewer Pipe				
2.3	6-inch Sanitary Sewer	180 0	LF		
2.3_CO1	6-inch Sanitary Sewer with Native Bedding	0 180	LF		
2.6	12-inch Sanitary Sewer	49 0	LF		
2.6_CO1	12-inch Sanitary Sewer with Native Bedding	0 49	LF		
2.7	15-inch Sanitary Sewer	12 0	LF		
2.7_CO1	15-inch Sanitary Sewer with Native Bedding	0 46	LF		
2.9	21-inch Sanitary Sewer	98 0	LF		
2.9_CO1	21-inch Sanitary Sewer with Native Bedding	0 139	LF		
2.13	36-inch Sanitary Sewer	20 25	LF		
2.13_CO1	36-inch Sanitary Sewer with Native Bedding	0 20	LF		
2.15	48-inch Sanitary Sewer	1,298 360	LF		
2.15_CO1	48-inch Sanitary Sewer with Native Bedding	0 1,129	LF		
2.15A	48-inch Sanitary Sewer (FRPM)	206 0	LF		
2.19	Trenchless Crossing No. 4	520 0	LF		
2.19_CO2	Trenchless Crossing No. 4	0 520			
2.20	Trenchless Crossing No. 5	204 216	LF		
3	Storm Sewer Pipe and Open Drainage Channels				
3.2	Remove 15-Inch Reinforced Concrete Storm Sewer	30 78	LF		
3.5	Remove 24-Inch Reinforced Concrete Storm Sewer	103 336	LF		
3.7	Remove 36-Inch Reinforced Concrete Storm Sewer	30 71	LF		
3.11	15-Inch Reinforced Concrete Storm Sewer	30 0	LF		
3.11_CO1	15-Inch Reinforced Concrete Storm Sewer with Native Bedding	0 32	LF		
3.14	24-Inch Reinforced Concrete Storm Sewer	103 0	LF		
3.14_CO1	24-Inch Reinforced Concrete Storm Sewer with Native Bedding	0 336	LF		
3.16	36-Inch Reinforced Concrete Storm Sewer	30 0	LF		
3.16_CO1	36-Inch Reinforced Concrete Storm Sewer with Native Bedding	0 46	LF		
4	Manholes and Structures				
4.23	Abandon Sanitary Sewer Manholes in Place	9 11	EA		
6	Roadway, Concrete Drive and Sidewalk Construction				
6.1	Remove 4-Inch Concrete Walk	272 109.11	SY		
6.3	Remove 6-Inch Concrete Pavement	937 548	SY		
6.4	Remove 8-Inch Concrete Pavement	302 289	SY		
6.8	Place 4-Inch Concrete Sidewalk	272 109.11	SY		
6.11	Place 6-Inch Concrete Pavement	937 389	SY		
6.12	Place 8-inch Concrete Pavement	302 437	SY		
6.14	Place 8-Inch Asphalt Pavement	148 0	SY		

TABLE CO7-3 MODIFICATIONS TO UNIT PRICE SCHEDULE FOR BID SECTION C					
	Item Description	Quantity	Unit	Unit Cost	Total Cost
6.16	Remove Curb and Gutter	56 104	LF		
6.17	Place Curb and Gutter	56 104	LF		

	Item Description	Current Contract Quantity (Bid Quantity w/ Approved Change Orders)	Constructed Quantity	Unit	Unit Cost	Current Contract Cost (Bid Cost w/ Approved Change Orders)	Total Constructed Cost	Differential
1	Mobilization	1	1	LS	\$250,000.00	\$250,000.00	\$250,000.00	\$0.00
2	Sanitary Sewer Pipe							
2.3	6-inch Sanitary Sewer	180	0	LF	\$75.00	\$13,500.00	\$0.00	-\$13,500.00
2.3_CO1	6-inch Sanitary Sewer with Native Bedding	0	180	LF	\$65.80	\$0.00	\$11,844.00	\$11,844.00
2.6	12-inch Sanitary Sewer	49	0	LF	\$80.00	\$3,920.00	\$0.00	-\$3,920.00
2.6_CO1		0	49	LF	\$70.80	\$0.00	\$3,469.20	\$3,469.20
2.7	15-inch Sanitary Sewer	12	0	LF	\$90.00	\$1,080.00	\$0.00	-\$1,080.00
2.7_CO1	15-inch Sanitary Sewer with Native Bedding	0	46	LF	\$80.80	\$0.00	\$3,716.80	\$3,716.80
2.9	21-inch Sanitary Sewer	98	0	LF	\$105.00	\$10,290.00	\$0.00	-\$10,290.00
2.9_CO1	21-inch Sanitary Sewer with Native Bedding	0	139	LF	\$90.27	\$0.00	\$12,547.53	\$12,547.53
2.13	36-inch Sanitary Sewer	20	25	LF	\$275.00	\$5,500.00	\$6,875.00	\$1,375.00
2.13_CO1	36-inch Sanitary Sewer with Native Bedding	0	20	LF	\$256.25	\$0.00	\$5,125.00	\$5,125.00
2.15	48-inch Sanitary Sewer	1,298	360	LF	\$269.00	\$349,162.00	\$96,840.00	-\$252,322.00
2.15_CO1	48-inch Sanitary Sewer with Native Bedding	0	1129	LF	\$250.25	\$0.00	\$282,532.25	\$282,532.25
2.15A	48-inch Sanitary Sewer (FRPM)	206	0	LF	\$265.00	\$54,590.00	\$0.00	-\$54,590.00
2.15A_CO1	48-Inch Sanitary Sewer (FRPM) with Native Bedding	0	0	LF	\$246.25	\$0.00	\$0.00	\$0.00
2.19	Trenchless Crossing No. 4	0	0	LF	\$2,550.00	\$0.00	\$0.00	\$0.00
2.19_CO2	Trenchless Crossing No. 4	520	520	LF	\$2,263.11	\$1,176,817.20	\$1,176,817.20	\$0.00
2.2	Trenchless Crossing No. 5	201	216	LF	\$1,825.00	\$366,825.00	\$394,200.00	\$27,375.00
2.29	36-inch Sanitary Sewer Plug/Cap for New Stub Outs	1	1	Each	\$2,250.00	\$2,250.00	\$2,250.00	\$0.00
2.31	Concrete Plug Existing Sanitary Sewers Less Than 15-Inch Diameter	5	5	Each	\$600.00	\$3,000.00	\$3,000.00	\$0.00
2.32	Concrete Plug Existing Sanitary Sewers 15-Inch Diameter Through 24-Inch Diameter	10	10	Each	\$1,000.00	\$10,000.00	\$10,000.00	\$0.00
2.33	Concrete Plug Existing Sanitary Sewers Greater Than 24-inch Diameter Through 36-Inch Diameter	2	2	Each	\$2,500.00	\$5,000.00	\$5,000.00	\$0.00
2.34	Abandon 6-inch Sanitary Sewer (Grout Fill)	98	98	LF	\$15.00	\$1,470.00	\$1,470.00	\$0.00
2.35	Abandon 8-inch Sanitary Sewer (Grout Fill)	85	85	LF	\$17.00	\$1,445.00	\$1,445.00	\$0.00
2.38	Abandon 15-inch Sanitary Sewer (Grout Fill)	80	80	LF	\$20.00	\$1,600.00	\$1,600.00	\$0.00
2.39	Abandon 21-inch Sanitary Sewer (Grout Fill)	250	250	LF	\$24.00	\$6,000.00	\$6,000.00	\$0.00
2.4	Abandon 24-inch Sanitary Sewer (Grout Fill)	1,359	1359	LF	\$25.00	\$33,975.00	\$33,975.00	\$0.00
2.41	Abandon 27-inch Sanitary Sewer (Grout Fill)	27	27	LF	\$32.00	\$864.00	\$864.00	\$0.00
2.42	Abandon 36-inch Sanitary Sewer (Grout Fill)	15	15	LF	\$39.00	\$585.00	\$585.00	\$0.00
3	Storm Sewer Pipe and Open Drainage Channels							
3.2	Remove 15-Inch Reinforced Concrete Storm Sewer	30	78	LF	\$15.00	\$450.00	\$1,170.00	\$720.00
3.5	Remove 24-Inch Reinforced Concrete Storm Sewer	103	336	LF	\$18.00	\$1,854.00	\$6,048.00	\$4,194.00
3.7	Remove 36-Inch Reinforced Concrete Storm Sewer	30	71	LF	\$19.00	\$570.00	\$1,349.00	\$779.00
3.11	15-Inch Reinforced Concrete Storm Sewer	30	0	LF	\$80.00	\$2,400.00	\$0.00	-\$2,400.00
3.11_CO1	15-Inch Reinforced Concrete Storm Sewer with Native Bedding	0	32	LF	\$71.70	\$0.00	\$2,294.40	\$2,294.40
3.14	24-Inch Reinforced Concrete Storm Sewer	103	0	LF	\$100.00	\$10,300.00	\$0.00	-\$10,300.00
3.14_CO1	24-Inch Reinforced Concrete Storm Sewer with Native Bedding	0	336	LF	\$91.70	\$0.00	\$30,811.20	\$30,811.20
3.16	36-Inch Reinforced Concrete Storm Sewer	30	0	LF	\$120.00	\$3,600.00	\$0.00	-\$3,600.00
3.16_CO1	36-Inch Reinforced Concrete Storm Sewer with Native Bedding	0	46	LF	\$111.70	\$0.00	\$5,138.20	\$5,138.20
3.25	Remove Area Inlet	1	1	Each	\$400.00	\$400.00	\$400.00	\$0.00
3.26	Install Area Inlet	1	1	Each	\$2,300.00	\$2,300.00	\$2,300.00	\$0.00
4	Manholes and Structures							
4.1	72-Inch Diameter Standard Manhole (Sanitary Sewer, FRP)	4	4	Each	\$19,500.00	\$78,000.00	\$78,000.00	\$0.00
4.2	92-Inch Diameter Standard Manhole (Sanitary Sewer, FRP)	2	2	Each	\$33,000.00	\$66,000.00	\$66,000.00	\$0.00
4.3	108-Inch Diameter Standard Manhole (Sanitary Sewer, FRP)	1	1	Each	\$35,000.00	\$35,000.00	\$35,000.00	\$0.00
4.6	48-Inch Diameter Standard Manhole (Sanitary Sewer, Concrete)	2	2	Each	\$4,500.00	\$9,000.00	\$9,000.00	\$0.00
4.8	60-Inch Diameter Standard Manhole (Sanitary Sewer, Concrete)	1	1	Each	\$8,000.00	\$8,000.00	\$8,000.00	\$0.00
4.1	Additional Depth, 72-Inch Diameter Manhole (Sanitary Sewer, FRP); Standard and Drop	24.13	24.13	VF	\$950.00	\$22,923.50	\$22,923.50	\$0.00
4.11	Additional Depth, 92-Inch Diameter Manhole (Sanitary Sewer, FRP); Standard and Drop	13.23	13.23	VF	\$1,600.00	\$21,168.00	\$21,168.00	\$0.00
4.12	Additional Depth, 108-Inch Diameter Manhole (Sanitary Sewer, FRP); Standard and Drop	6.03	6.03	VF	\$1,800.00	\$10,854.00	\$10,854.00	\$0.00

TABLE C07-4 COST DIFFERENTIALS FOR CHANGES TO BID SECTION C QUANTITIES								
	Item Description	Current Contract Quantity (Bid Quantity w/ Approved Change Orders)	Constructed Quantity	Unit	Unit Cost	Current Contract Cost (Bid Cost w/ Approved Change Orders)	Total Constructed Cost	Differential
4.23	Abandon Sanitary Sewer Manholes in Place	9	11	Each	\$1,200.00	\$10,800.00	\$13,200.00	\$2,400.00
4.26	Convert Inside Drop Manhole to Outside Drop Manhole	1	1	Each	\$800.00	\$800.00	\$800.00	\$0.00
5	Trench Conditions							
5.1	Dewatering	1	1	LS	\$250,000.00	\$250,000.00	\$250,000.00	\$0.00
6	Roadway, Concrete Drive and Sidewalk Construction							
6.1	Remove 4-Inch Concrete Walk	272	109.11	SY	\$3.50	\$952.00	\$381.89	-\$570.12
6.3	Remove 6-Inch Concrete Pavement	937	548	SY	\$3.50	\$3,279.50	\$1,918.00	-\$1,361.50
6.4	Remove 8-Inch Concrete Pavement	302	289	SY	\$3.50	\$1,057.00	\$1,011.50	-\$45.50
6.6	Remove 8-Inch Asphalt Pavement	148	148	SY	\$3.00	\$444.00	\$444.00	\$0.00
6.8	Place 4-Inch Concrete Sidewalk	272	109.11	SY	\$37.00	\$10,064.00	\$4,037.07	-\$6,026.93
6.11	Place 6-Inch Concrete Pavement	937	389	SY	\$37.00	\$34,669.00	\$14,393.00	-\$20,276.00
6.12	Place 8-inch Concrete Pavement	302	437	SY	\$28.00	\$8,456.00	\$12,236.00	\$3,780.00
6.14	Place 8-Inch Asphalt Pavement	148	0	SY	\$65.00	\$9,620.00	\$0.00	-\$9,620.00
6.16	Remove Curb and Gutter	56	104	LF	\$3.00	\$168.00	\$312.00	\$144.00
6.17	Place Curb and Gutter	56	104	LF	\$29.00	\$1,624.00	\$3,016.00	\$1,392.00
6.18	Paint Striping	1	1	LS	\$5,200.00	\$5,200.00	\$5,200.00	\$0.00
7	Property Rehabilitation and Landscape							
7.4	Lawn Seed and Mulch Application	1.95	1.95	Acre	\$1,100.00	\$2,145.00	\$2,145.00	\$0.00
7.12	Remove and Reset Modular Block Retaining Wall	2	2	Each	\$11,000.00	\$22,000.00	\$22,000.00	\$0.00
8	Lift Station Abandonment							
8.1	Abandon Lift Station No. 19	1	1	LS	\$14,000.00	\$14,000.00	\$14,000.00	\$0.00
8.8	Abandon Veterans Home Lift Station	1	1	LS	\$15,000.00	\$15,000.00	\$15,000.00	\$0.00
8.9	Abandon Veterans Club Lift Station	1	1	LS	\$14,000.00	\$14,000.00	\$14,000.00	\$0.00
10	Miscellaneous							
10.1	Traffic Control	1	1	LS	\$31,000.00	\$31,000.00	\$31,000.00	\$0.00
10.5	Bypass Pumping	1	1	LS	\$35,000.00	\$35,000.00	\$35,000.00	\$0.00
10.8	Erosion and Sediment Control	1	1	LS	\$45,000.00	\$45,000.00	\$45,000.00	\$0.00
11	Change Orders							
CO5-1	Dewatering Reroute Near Webb Road	1	1	LS	\$64,223.25	\$64,223.25	\$64,223.25	\$0.00
Total Bid Section C								\$9,735.54

RESOLUTION 2016-260

WHEREAS, On September 9, 2014, by Resolution No. 2014-284, City Council awarded, Project 2013-S-4, North Interceptor Phase II to S.J. Louis Construction, Inc. of Rockville, Minnesota, in the amount of \$21,479,537.50; and

WHEREAS, on February 10, 2015, by Resolution No. 2015-39, City Council approved Change Order No. 1, which established new unit prices for installed storm and sanitary sewers which are embedded with native sand material in lieu of the imported granular embedment specified in the contract documents; and

WHEREAS, on March 24, 2015, by Resolution No. 2015-74, City Council approved Change Order No. 2, which changed the methodology of the trenchless crossing from micro tunneling to a direct jacked tunnel using a tunnel boring machine at both Broadwell Avenue/Capital Avenue and Webb Road/Northwest Crossings property at Capital Avenue and resulted in a deduction of \$210,003.48, for a revised contract amount of \$21,269,534.02; and

WHEREAS on June 23, 2015, by Resolution No. 2015-160, City Council approved Change Order No. 3, which addressed unknown and unplanned restraint at the existing 18" waterline that crosses Capital Avenue just east of Webb Road; additional storm sewer east of St. Paul Road as needed to fill in a portion of the utility ditch and provide access to the new manhole; and finalization of the As-Built quantities for Phase II (Part B) and resulted in an increase of \$56,540.88, for a revised contract amount of \$21,326,074.90; and

WHEREAS, on August 11, 2015, by Resolution No. 2015-214, City Council approved Change Order No. 4, which allowed for an open cut at the intersection of Capital Avenue and Broadwell Avenue for installation of the north interceptor, rerouting of the dewatering discharge, and several modifications to the existing storm sewer at this intersection and resulted in an overall contract decrease of \$40,651.39, for a revised contract amount of \$21,285,423.51; and

WHEREAS, on January 12, 2016, by Resolution No. 2016-7, City Council approved Change Order No. 5, which covered costs associated with a dewatering reroute near Webb Road, additional work associated with an 8" sanitary sewer line extension as part of a new tap district (District No. 537T), additional storm sewer work in St. Paul Road, changing a new sanitary sewer manhole in St. Paul Road from a standard manhole to a drop manhole, additional storm sewer removal and replacement work near the Burlington Northern Santa Fe Railroad, additional storm sewer work in the Capital Avenue and Broadwell Avenue intersection, a damaged sanitary sewer service along St. Paul Road, additional work required to provide power to the relocated Veteran's Hospital sign, and the relocation of an existing water service and resulted in a contract increase of \$171,544.13, for a revised contract amount of \$21,456,967.64; and

WHEREAS, on March 8, 2016, by Resolution No. 2016-52, City Council approved Change Order No. 6, which established new unit prices associated with additional paving along Sheridan Avenue within Bid Section I, with actual quantities rectified upon

Approved as to Form	<input type="checkbox"/>	_____
October 21, 2016	<input type="checkbox"/>	City Attorney

installation; and

WHEREAS, Change Order No. 7, in the amount of \$(265,030.45), which addresses additional work, as well as credits, associated with North Interceptor Phase II; Project No. 2013-S-4.

WHEREAS, such Change Order No. 7 is in the amount of \$(265,030.45), for a revised contract amount of \$21,191,937.19.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that authorization to proceed with Change Order No. 7 with S.J. Louis Construction, Inc. of Rockville, Minnesota is hereby approved; and

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such Change Order No. 7, North Interceptor Phase II, Project 2013-S-4 on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 25, 2016.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk