

Agenda Item: 6.

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland, Construction Engineer

SUBJECT: Thompson Creek Levee Improvement Project
Sanitary Sewer Relocation Bids

DATE: January 28, 2015

The Thompson Creek Levee Improvement Project is located between 66th Street and 60th Street, south of Harrison Street in La Vista, NE, as shown on the enclosed location map. The Thompson Creek Levees are being setback from the creek to allow for stable levee side slopes and ensure levee safety. The existing La Vista sanitary sewer will be removed from levee riverside levee slope and replaced at a location beyond the relocated levee footprint. The sanitary sewer will be deactivated during the sewer installation project and be removed during the levee construction project.

On December 23, 2014, the District opened bids for the installation of 1900 linear feet of 27 inch diameter vitrified clay replacement sanitary sewer. The five bids ranged from \$547,134.50 to \$694,287.00. It was decided by the Board on January 8, 2015 to rebid the project with other pipe materials besides clay. The City of LaVista agreed to accept alternative pipe materials after some post bid discussion.

On January 27, 2015, the District opened bids for the installation of 1900 linear feet of 27 inch diameter replacement concrete sanitary sewer with alternates of clay, PVC and ductile iron pipe material. The three contractor's bids ranged from \$460,721.70 to \$560,239.00 for concrete pipe; \$614,870.80 to \$647,880.00 for clay pipe; \$495,410.00 to \$500,069.00 for PVC pipe and \$727,737.20 to \$922,739.00 for ductile iron pipe and a bid summary is enclosed. The engineer's cost estimate for the sewer relocation project, prepared by Lamp Rynearson and Associates is \$465,100 for concrete, \$ 559,890 for clay, \$ 473,040 for PVC and \$ 708,500 for ductile iron sewer pipe. The apparent low bid of \$460,721.70 for reinforced concrete sewer pipe was submitted by Valley Corporation. The rebidding of the project resulted in an \$ 86,412.80 construction cost savings. LaVista has concurred with the use of concrete pipe. Enclosed is a recommendation letter from Lamp Rynearson and Associates.

Management recommends that the Programs, Projects and Operations Subcommittee recommend to the Board of Directors that the General Manager be authorized to accept Valley Corporation's bid of \$460,721.70 for reinforced concrete sewer pipe for the construction of the Thompson Creek Levee Improvement Project – Sanitary Sewer Relocation.

Thompson Creek Sanitary Sewer Relocation Project

Harrison St

Harrison St

66th

LaVista Sports Complex

Sanitary Sewer Relocation Project

Big Papio Creek

Valley Rd North

Thompson Creek

Big Papio Trail

Emaline St

S 53rd St

Keystone Trail

S 66th St

G11



Google earth

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THOMPSON CREEK SANITARY SEWER RELOCATION PROJECT

BID SUMMARY

January 27, 2015 AT 10:00 A.M.

BIDDER NAME	Engineer's Estimate	THOMPSON CONSTRUCTION	GENERAL EXCAVATING	VALLEY CORPORATION
Base Bid (RCP)	\$465,100	\$535,940.00	\$560,239.00	\$460,721.70**
Alternate A (VCP)	\$559,890	\$647,880.00	\$627,449.00	\$614,870.80
Alternate B (PVC)	\$473,040	\$495,410.00	\$500,069.00	\$496,967.10
Alternate C (DIP)	\$708,500	\$786,840.00	\$922,739.00	\$727,737.20
Bid Bond (Y or N)	NA	Y	Y	Y

*Management Recommendation: Valley Corporation Base Bid (RCP)

**Math errors in bid prices for items 3, 23, 33 and 35. Corrected totals shown above. Actual bid form totals are \$460,689.30 (RCP), \$614,838.40 (VCP), \$496,934.70 (PVC) and \$727,704.30 (DIP).

RCP = reinforced concrete pipe

VCP = vitrified clay pipe

PVC = polyvinyl chloride pipe

DIP = ductile iron pipe

THOMPSON CREEK SANITARY SEWER RELOCATION PROJECT BID SUMMARY

BID OPENING : JANUARY 27, 2015 @ 10:00 A.M.

Item No.	Bid Item Description	Quantity	Units	ENGINEERS ESTIMATE		Total	BIDDERS NAME:		Bid Price (Quantity x Unit Price)
				Unit Price	Total		THOMPSON CONSTRUCTION	Unit Price	
1	CLEARING AND GRUBBING - GENERAL	1	LS	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 15,000.00	\$ 15,000.00	
2	CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	5	EA	\$ 400.00	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 1,750.00	
3	CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER	3	EA	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 4,000.00	\$ 1,200.00	
4	CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER	2	EA	\$ 800.00	\$ 1,600.00	\$ 1,600.00	\$ 5,500.00	\$ 1,100.00	
5	CLEARING AND GRUBBING TREES OVER 36" TO 48" DIAMETER	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 2,400.00	\$ 7,000.00	\$ 1,400.00	
6	CLEARING AND GRUBBING TREES OVER 48" DIAMETER	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 7,500.00	\$ 1,500.00	
7	TRIM TREE BRANCH	1	LABOR-HOUR	\$ 75.00	\$ 75.00	\$ 75.00	\$ 200.00	\$ 200.00	
8	TRIM TREE ROOT	1	LABOR-HOUR	\$ 75.00	\$ 75.00	\$ 75.00	\$ 200.00	\$ 200.00	
9	PROTECT TREE	1	EA	\$ 200.00	\$ 200.00	\$ 200.00	\$ 600.00	\$ 600.00	
10	BYPASS PUMPING	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 20,000.00	
11	REMOVE 21" TO 24" SEWER PIPE	80	LF	\$ 20.00	\$ 1,600.00	\$ 1,600.00	\$ 60.00	\$ 4,800.00	
12	REMOVE 27" TO 30" SEWER PIPE	5	LF	\$ 70.00	\$ 350.00	\$ 350.00	\$ 200.00	\$ 1,000.00	
13	REMOVE MANHOLE	1	EA	\$ 475.00	\$ 475.00	\$ 475.00	\$ 1,000.00	\$ 1,000.00	
14	REMOVE UNFORESEEN UNDERGROUND OBSTRUCTIONS	100	CY	\$ 50.00	\$ 5,000.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00	
15	CONSTRUCT 6" PVC SANITARY SEWER PIPE	20	LF	\$ 35.00	\$ 700.00	\$ 700.00	\$ 100.00	\$ 2,000.00	
16	CONSTRUCT AGGREGATE BEDDING FOR 6" SANITARY SEWER PIPE	20	LF	\$ 5.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 300.00	
17	CONSTRUCT AGGREGATE BEDDING FOR TRENCH STABILIZATION	250	CY	\$ 40.00	\$ 10,000.00	\$ 10,000.00	\$ 60.00	\$ 15,000.00	
18	CONSTRUCT FOUNDATION ROCK FOR TRENCH STABILIZATION	100	CY	\$ 50.00	\$ 5,000.00	\$ 5,000.00	\$ 60.00	\$ 6,000.00	
19	CONSTRUCT TRENCH EXCAVATION (UNSUITABLE MATERIAL)	100	CY	\$ 25.00	\$ 2,500.00	\$ 2,500.00	\$ 50.00	\$ 5,000.00	
20	CONSTRUCT 30" DIP SANITARY SEWER PIPE WITH RESTRAINED JOINTS	60	LF	\$ 325.00	\$ 19,500.00	\$ 19,500.00	\$ 400.00	\$ 24,000.00	
21	CONSTRUCT 72" I.D. SANITARY FLATTOP MANHOLE OVER EXISTING SANITARY SEWER PIPE (2 EACH)	25	VF	\$ 1,200.00	\$ 30,000.00	\$ 30,000.00	\$ 1,100.00	\$ 27,500.00	
22	INSTALL EXTERNAL FRAME SEAL	9	EA	\$ 375.00	\$ 3,375.00	\$ 3,375.00	\$ 600.00	\$ 5,400.00	
23	CONSTRUCT MANHOLE RING COLLAR	9	EA	\$ 300.00	\$ 2,700.00	\$ 2,700.00	\$ 250.00	\$ 2,250.00	
24	CONSTRUCT SANITARY SEWER MANHOLE TAP	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	
25	CONSTRUCT 6" PIPE PLUG	1	EA	\$ 30.00	\$ 30.00	\$ 30.00	\$ 200.00	\$ 200.00	
26	CONSTRUCT 12" PIPE PLUG	1	EA	\$ 60.00	\$ 60.00	\$ 60.00	\$ 350.00	\$ 350.00	
27	CONSTRUCT 27" PIPE PLUG	2	EA	\$ 200.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 1,000.00	
28	CONSTRUCT 6" DIAMETER DROP CONNECTION	1	VF	\$ 500.00	\$ 500.00	\$ 500.00	\$ 650.00	\$ 650.00	
29	REMOVE EXISTING PAVEMENT AND REPLACE WITH 8" HIGH-EARLY STRENGTH CONCRETE	105	SY	\$ 65.00	\$ 6,825.00	\$ 6,825.00	\$ 90.00	\$ 9,450.00	
30	SAW CUT - FULL DEPTH	60	LF	\$ 5.00	\$ 300.00	\$ 300.00	\$ 5.00	\$ 300.00	
31	SUBGRADE PREPARATION	165	SY	\$ 5.00	\$ 825.00	\$ 825.00	\$ 7.00	\$ 1,155.00	
32	UNSUITABLE SUBGRADE MATERIAL	165	CY	\$ 42.00	\$ 6,930.00	\$ 6,930.00	\$ 15.00	\$ 2,475.00	
33	INSTALL PERMANENT PAINT MARKING - 4" YELLOW	40	LF	\$ 5.00	\$ 200.00	\$ 200.00	\$ 12.00	\$ 480.00	

34	CONSTRUCT SILT FENCE	2,000	LF	\$	2.50	\$	5,000.00	\$3.00	\$	6,000.00
35	EXPLORATORY EXCAVATION	10	HR	\$	176.00	\$	1,760.00	\$300.00	\$	3,000.00
36	INSTALL CONSTRUCTION ENTRANCE	1	EA	\$	2,000.00	\$	2,000.00	\$2,100.00	\$	2,100.00
37	SEEDING - TYPE "NRD TEMPORARY"	1	AC	\$	700.00	\$	700.00	\$3,000.00	\$	3,000.00
38	SEEDING - TYPE "NRD PERMANENT"	1	AC	\$	1,100.00	\$	1,100.00	\$4,000.00	\$	4,000.00
39	SEEDING - TYPE "CITY OF LAVISTA PERMANENT"	1	AC	\$	1,600.00	\$	1,600.00	\$4,000.00	\$	4,000.00
40	INSTALL MULCH	3	AC	\$	550.00	\$	1,650.00	\$900.00	\$	2,700.00
41	INSTALL CONSTRUCTION SAFETY FENCE	2,000	LF	\$	3.00	\$	6,000.00	\$3.00	\$	6,000.00
42	BARRICADES	1	LS	\$	600.00	\$	600.00	\$2,500.00	\$	2,500.00
43	CONSTRUCT 27" RCP SANITARY SEWER	1,930	LF	\$	120.00	\$	231,600.00	\$129.00	\$	248,970.00
44	CONSTRUCT AGGREGATE BEDDING FOR 27" R.C.P. SEWER	1,930	LF	\$	9.00	\$	17,370.00	\$12.00	\$	23,160.00
45	CONSTRUCT 72" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,250.00	\$	62,500.00	\$1,425.00	\$	71,250.00
		Total Base Bid (1-45)					\$ 465,100.00		\$	535,940.00
ALTERNATE A (REPLACES BID ITEMS 43-45)										
43A	CONSTRUCT 27" V.C.P. SANITARY SEWER	1,930	LF	\$	170.00	\$	328,100.00	\$179.00	\$	345,470.00
44A	CONSTRUCT AGGREGATE BEDDING FOR 27" V.C.P. SEWER	1,930	LF	\$	12.00	\$	23,160.00	\$20.00	\$	38,600.00
45A	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$1,425.00	\$	71,250.00
		Total Alternate A Bid (1-45A)					\$ 558,890.00		\$	647,880.00
ALTERNATE B (REPLACES BID ITEMS 43-45)										
43B	CONSTRUCT 27" P.V.C. SANITARY SEWER	1,930	LF	\$	125.00	\$	241,250.00	\$85.00	\$	183,350.00
44B	CONSTRUCT AGGREGATE BEDDING FOR 27" P.V.C. SEWER	1,930	LF	\$	12.00	\$	23,160.00	\$25.00	\$	48,250.00
45B	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$1,425.00	\$	71,250.00
		Total Alternate B Bid (1-45B)					\$ 473,040.00		\$	495,410.00
ALTERNATE C (REPLACES BID ITEMS 43-45)										
43C	CONSTRUCT 27" D.I.P. SANITARY SEWER	1,930	LF	\$	250.00	\$	482,500.00	\$255.00	\$	492,150.00
44C	CONSTRUCT AGGREGATE BEDDING FOR 27" D.I.P. SEWER	1,930	LF	\$	9.00	\$	17,370.00	\$16.00	\$	30,890.00
45C	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$1,425.00	\$	71,250.00
		Total Alternate C Bid (1-45C)					\$ 708,500.00		\$	786,840.00
** NOTE 1 - BIDDERS MUST BID ALL ALTERNATES										
** NOTE 2 - BID ITEMS 1 THROUGH 42 SHALL BE THE SAME FOR ALL ALTERNATIVES. ANY ADDITIONAL COSTS CHANGES RESULTING IN THESE BID ITEMS SHALL BE ACCOUNTED FOR IN ALTERNATE BID ITEMS 43-45										

THOMPSON CREEK SANITARY SEWER RELOCATION PROJECT BID SUMMARY

BID OPENING : JANUARY 27, 2015 @ 10:00 A.M.

Item No.	Bid Item Description	Quantity	Units	ENGINEERS ESTIMATE			BIDDERS NAME:	Unit Price	Bid Price (Quantity x Unit Price)
				Unit Price	Total				
1	CLEARING AND GRUBBING - GENERAL	1	LS	\$ 18,000.00	\$	18,000.00	VALLEY CORP	\$7,821.71	\$ 7,821.71
2	CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	5	EA	\$ 400.00	\$	2,000.00		\$241.83	\$ 1,209.15
3	CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER	3	EA	\$ 500.00	\$	1,500.00		\$344.77	\$ 1,034.31
4	CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER	2	EA	\$ 800.00	\$	1,600.00		\$447.40	\$ 894.80
5	CLEARING AND GRUBBING TREES OVER 36" TO 48" DIAMETER	2	EA	\$ 1,200.00	\$	2,400.00		\$696.15	\$ 1,392.30
6	CLEARING AND GRUBBING TREES OVER 48" DIAMETER	2	EA	\$ 2,000.00	\$	4,000.00		\$1,193.67	\$ 2,387.34
7	TRIM TREE BRANCH	1	LABOR-HOUR	\$ 75.00	\$	75.00		\$92.82	\$ 92.82
8	TRIM TREE ROOT	1	LABOR-HOUR	\$ 75.00	\$	75.00		\$92.82	\$ 92.82
9	PROTECT TREE	1	EA	\$ 200.00	\$	200.00		\$290.07	\$ 290.07
10	BYPASS PUMPING	1	LS	\$ 5,000.00	\$	5,000.00		\$11,144.30	\$ 11,144.30
11	REMOVE 21" TO 24" SEWER PIPE	80	LF	\$ 20.00	\$	1,600.00		\$29.65	\$ 2,372.00
12	REMOVE 27" TO 30" SEWER PIPE	5	LF	\$ 70.00	\$	350.00		\$95.18	\$ 475.90
13	REMOVE MANHOLE	1	EA	\$ 475.00	\$	475.00		\$557.34	\$ 557.34
14	REMOVE UNFORESEEN UNDERGROUND OBSTRUCTIONS	100	CY	\$ 50.00	\$	5,000.00		\$60.00	\$ 6,000.00
15	CONSTRUCT 6" PVC SANITARY SEWER PIPE	20	LF	\$ 35.00	\$	700.00		\$22.25	\$ 445.00
16	CONSTRUCT AGGREGATE BEDDING FOR 6" SANITARY SEWER PIPE	20	LF	\$ 5.00	\$	100.00		\$8.69	\$ 173.80
17	CONSTRUCT AGGREGATE BEDDING FOR TRENCH STABILIZATION	250	CY	\$ 40.00	\$	10,000.00		\$89.00	\$ 22,250.00
18	CONSTRUCT FOUNDATION ROCK FOR TRENCH STABILIZATION	100	CY	\$ 50.00	\$	5,000.00		\$94.00	\$ 9,400.00
19	CONSTRUCT TRENCH EXCAVATION (UNSUITABLE MATERIAL)	100	CY	\$ 25.00	\$	2,500.00		\$45.00	\$ 4,500.00
20	CONSTRUCT 30" DIP SANITARY SEWER PIPE WITH RESTRAINED JOINTS	60	LF	\$ 325.00	\$	19,500.00		\$297.02	\$ 17,821.20
21	CONSTRUCT 72" I.D. SANITARY FLATTOP MANHOLE OVER EXISTING SANITARY SEWER PIPE (2 EACH)	25	VF	\$ 1,200.00	\$	30,000.00		\$614.75	\$ 15,368.75
22	INSTALL EXTERNAL FRAME SEAL	9	EA	\$ 375.00	\$	3,375.00		\$522.27	\$ 4,700.43
23	CONSTRUCT MANHOLE RING COLLAR	9	EA	\$ 300.00	\$	2,700.00		\$342.82	\$ 3,085.38
24	CONSTRUCT SANITARY SEWER MANHOLE TAP	1	EA	\$ 1,000.00	\$	1,000.00		\$574.24	\$ 574.24
25	CONSTRUCT 6" PIPE PLUG	1	EA	\$ 30.00	\$	30.00		\$349.34	\$ 349.34
26	CONSTRUCT 12" PIPE PLUG	1	EA	\$ 60.00	\$	60.00		\$449.13	\$ 449.13
27	CONSTRUCT 27" PIPE PLUG	2	EA	\$ 200.00	\$	400.00		\$600.53	\$ 1,201.06
28	CONSTRUCT 6" DIAMETER DROP CONNECTION	1	VF	\$ 500.00	\$	500.00		\$1,037.10	\$ 1,037.10
29	REMOVE EXISTING PAVEMENT AND REPLACE WITH 8" HIGH-EARLY STRENGTH CONCRETE	105	SY	\$ 65.00	\$	6,825.00		\$76.09	\$ 7,989.45
30	SAW CUT - FULL DEPTH	60	LF	\$ 5.00	\$	300.00		\$4.06	\$ 243.60
31	SUBGRADE PREPARATION	165	SY	\$ 5.00	\$	825.00		\$22.42	\$ 3,699.30
32	UNSUITABLE SUBGRADE MATERIAL	165	CY	\$ 42.00	\$	6,930.00		\$87.54	\$ 14,444.10
33	INSTALL PERMANENT PAINT MARKING -4" YELLOW	40	LF	\$ 5.00	\$	200.00		\$17.46	\$ 698.40

34	CONSTRUCT SILT FENCE	2,000	LF	\$	2.50	\$	5,000.00	\$2.42	\$	4,840.00
35	EXPLORATORY EXCAVATION	10	HR	\$	176.00	\$	1,760.00	\$167.08	\$	1,670.80
36	INSTALL CONSTRUCTION ENTRANCE	1	EA	\$	2,000.00	\$	2,000.00	\$3,306.99	\$	3,306.99
37	SEEDING - TYPE "NRD TEMPORARY"	1	AC	\$	700.00	\$	700.00	\$580.13	\$	580.13
38	SEEDING - TYPE "NRD PERMANENT"	1	AC	\$	1,100.00	\$	1,100.00	\$1,044.23	\$	1,044.23
39	SEEDING - TYPE "CITY OF LAVISTA PERMANENT"	1	AC	\$	1,600.00	\$	1,600.00	\$1,508.34	\$	1,508.34
40	INSTALL MULCH	3	AC	\$	550.00	\$	1,650.00	\$522.12	\$	1,566.36
41	INSTALL CONSTRUCTION SAFETY FENCE	2,000	LF	\$	3.00	\$	6,000.00	\$8.12	\$	16,240.00
42	BARRICADES	1	LS	\$	600.00	\$	600.00	\$4,060.91	\$	4,060.91
43	CONSTRUCT 27" RCP SANITARY SEWER	1,930	LF	\$	120.00	\$	231,600.00	\$108.24	\$	208,903.20
44	CONSTRUCT AGGREGATE BEDDING FOR 27" R.C.P. SEWER	1,930	LF	\$	9.00	\$	17,370.00	\$18.62	\$	35,936.60
45	CONSTRUCT 72" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,250.00	\$	62,500.00	\$737.38	\$	36,869.00
Total Base Bid (1-45)										
							\$	465,100.00	\$	460,721.70
43A	ALTERNATE A (REPLACES BID ITEMS 43-45)									
43A	CONSTRUCT 27" V.C.P. SANITARY SEWER	1,930	LF	\$	170.00	\$	328,100.00	\$171.09	\$	330,203.70
44A	CONSTRUCT AGGREGATE BEDDING FOR 27" V.C.P. SEWER	1,930	LF	\$	12.00	\$	23,160.00	\$35.64	\$	68,785.20
45A	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$737.38	\$	36,869.00
Total Alternate A Bid (1-45A)										
							\$	559,890.00	\$	614,870.80
43B	ALTERNATE B (REPLACES BID ITEMS 43-45)									
43B	CONSTRUCT 27" P.V.C. SANITARY SEWER	1,930	LF	\$	125.00	\$	241,250.00	\$110.00	\$	212,300.00
44B	CONSTRUCT AGGREGATE BEDDING FOR 27" P.V.C. SEWER	1,930	LF	\$	12.00	\$	23,160.00	\$35.64	\$	68,785.20
45B	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$737.38	\$	36,869.00
Total Alternate B Bid (1-45B)										
							\$	473,040.00	\$	496,967.10
43C	ALTERNATE C (REPLACES BID ITEMS 43-45)									
43C	CONSTRUCT 27" D.I.P. SANITARY SEWER	1,930	LF	\$	250.00	\$	482,500.00	\$246.59	\$	475,918.70
44C	CONSTRUCT AGGREGATE BEDDING FOR 27" D.I.P. SEWER	1,930	LF	\$	9.00	\$	17,370.00	\$18.62	\$	35,936.60
45C	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$737.38	\$	36,869.00
Total Alternate C Bid (1-45C)										
							\$	708,500.00	\$	721,737.20
<p>** NOTE 1 - BIDDERS MUST BID ALL ALTERNATES</p> <p>** NOTE 2 - BID ITEMS 1 THROUGH 42 SHALL BE THE SAME FOR ALL ALTERNATES. ANY ADDITIONAL COSTS CHANGES RESULTING IN THESE BID ITEMS SHALL BE ACCOUNTED FOR IN ALTERNATE BID ITEMS 43-45</p>										

THOMPSON CREEK SANITARY SEWER RELOCATION PROJECT BID SUMMARY

BID OPENING : JANUARY 27, 2015 @ 10:00 A.M.

Item No.	Bid Item Description	Quantity	Units	ENGINEERS ESTIMATE			BIDDERS NAME:		GENERAL EXCAVATING
				Unit Price	Total	Unit Price	Unit Price	Bid Price (Quantity x Unit Price)	
1	CLEARING AND GRUBBING - GENERAL	1	LS	\$ 18,000.00	\$ 18,000.00	\$ 4,825.00	\$ 4,825.00	\$ 4,825.00	
2	CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	5	EA	\$ 400.00	\$ 2,000.00	\$ 352.00	\$ 1,760.00	\$ 1,760.00	
3	CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER	3	EA	\$ 500.00	\$ 1,500.00	\$ 496.00	\$ 1,488.00	\$ 1,488.00	
4	CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER	2	EA	\$ 800.00	\$ 1,600.00	\$ 728.00	\$ 1,456.00	\$ 1,456.00	
5	CLEARING AND GRUBBING TREES OVER 36" TO 48" DIAMETER	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 1,211.00	\$ 2,422.00	\$ 2,422.00	
6	CLEARING AND GRUBBING TREES OVER 48" DIAMETER	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,544.00	\$ 3,088.00	\$ 3,088.00	
7	TRIM TREE BRANCH	1	LABOR-HOUR	\$ 75.00	\$ 75.00	\$ 360.00	\$ 360.00	\$ 360.00	
8	TRIM TREE ROOT	1	LABOR-HOUR	\$ 75.00	\$ 75.00	\$ 360.00	\$ 360.00	\$ 360.00	
9	PROTECT TREE	1	EA	\$ 200.00	\$ 200.00	\$ 480.00	\$ 480.00	\$ 480.00	
10	BYPASS PUMPING	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	
11	REMOVE 21" TO 24" SEWER PIPE	80	LF	\$ 20.00	\$ 1,600.00	\$ 33.00	\$ 2,640.00	\$ 2,640.00	
12	REMOVE 27" TO 30" SEWER PIPE	5	LF	\$ 70.00	\$ 350.00	\$ 40.00	\$ 200.00	\$ 200.00	
13	REMOVE MANHOLE	1	EA	\$ 475.00	\$ 475.00	\$ 800.00	\$ 800.00	\$ 800.00	
14	REMOVE UNFORESEEN UNDERGROUND OBSTRUCTIONS	100	CY	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00	\$ 5,000.00	
15	CONSTRUCT 6" PVC SANITARY SEWER PIPE	20	LF	\$ 35.00	\$ 700.00	\$ 50.00	\$ 1,000.00	\$ 1,000.00	
16	CONSTRUCT AGGREGATE BEDDING FOR 6" SANITARY SEWER PIPE	20	LF	\$ 5.00	\$ 100.00	\$ 20.00	\$ 400.00	\$ 400.00	
17	CONSTRUCT AGGREGATE BEDDING FOR TRENCH STABILIZATION	250	CY	\$ 40.00	\$ 10,000.00	\$ 30.00	\$ 7,500.00	\$ 7,500.00	
18	CONSTRUCT FOUNDATION ROCK FOR TRENCH STABILIZATION	100	CY	\$ 50.00	\$ 5,000.00	\$ 40.00	\$ 4,000.00	\$ 4,000.00	
19	CONSTRUCT TRENCH EXCAVATION (UNSUITABLE MATERIAL)	100	CY	\$ 25.00	\$ 2,500.00	\$ 30.00	\$ 3,000.00	\$ 3,000.00	
20	CONSTRUCT 30" DIP SANITARY SEWER PIPE WITH RESTRAINED JOINTS	60	LF	\$ 325.00	\$ 19,500.00	\$ 335.00	\$ 20,100.00	\$ 20,100.00	
21	CONSTRUCT 72" I.D. SANITARY FLATTOP MANHOLE OVER EXISTING SANITARY SEWER PIPE (2 EACH)	25	VF	\$ 1,200.00	\$ 30,000.00	\$ 800.00	\$ 20,000.00	\$ 20,000.00	
22	INSTALL EXTERNAL FRAME SEAL	9	EA	\$ 375.00	\$ 3,375.00	\$ 450.00	\$ 4,050.00	\$ 4,050.00	
23	CONSTRUCT MANHOLE RING COLLAR	9	EA	\$ 300.00	\$ 2,700.00	\$ 360.00	\$ 3,240.00	\$ 3,240.00	
24	CONSTRUCT SANITARY SEWER MANHOLE TAP	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	
25	CONSTRUCT 6" PIPE PLUG	1	EA	\$ 30.00	\$ 30.00	\$ 60.00	\$ 60.00	\$ 60.00	
26	CONSTRUCT 12" PIPE PLUG	1	EA	\$ 60.00	\$ 60.00	\$ 110.00	\$ 110.00	\$ 110.00	
27	CONSTRUCT 27" PIPE PLUG	2	EA	\$ 200.00	\$ 400.00	\$ 600.00	\$ 1,200.00	\$ 1,200.00	
28	CONSTRUCT 6" DIAMETER DROF CONNECTION	1	VF	\$ 500.00	\$ 500.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	
29	REMOVE EXISTING PAVEMENT AND REPLACE WITH 8" HIGH-EARLY STRENGTH CONCRETE	105	SY	\$ 65.00	\$ 6,825.00	\$ 100.00	\$ 10,500.00	\$ 10,500.00	
30	SAW CUT - FULL DEPTH	60	LF	\$ 5.00	\$ 300.00	\$ 10.00	\$ 600.00	\$ 600.00	
31	SUBGRADE PREPARATION	165	SY	\$ 5.00	\$ 825.00	\$ 110.00	\$ 18,150.00	\$ 18,150.00	
32	UNSUITABLE SUBGRADE MATERIAL	165	CY	\$ 42.00	\$ 6,930.00	\$ 30.00	\$ 4,950.00	\$ 4,950.00	
33	INSTALL PERMANENT PAINT MARKING - 4" YELLOW	40	LF	\$ 5.00	\$ 200.00	\$ 25.00	\$ 1,000.00	\$ 1,000.00	

34	CONSTRUCT SILT FENCE	2,000	LF	\$	2,50	\$	5,000.00	\$	5,000.00	\$	10,000.00
35	EXPLORATORY EXCAVATION	10	HR	\$	176.00	\$	1,760.00	\$	3,500.00	\$	3,500.00
36	INSTALL CONSTRUCTION ENTRANCE	1	EA	\$	2,000.00	\$	2,000.00	\$	2,200.00	\$	2,200.00
37	SEEDING - TYPE "NRD TEMPORARY"	1	AC	\$	700.00	\$	700.00	\$	3,500.00	\$	3,500.00
38	SEEDING - TYPE "NRD PERMANENT"	1	AC	\$	1,100.00	\$	1,100.00	\$	4,700.00	\$	4,700.00
39	SEEDING - TYPE "CITY OF LAVISTA PERMANENT"	1	AC	\$	1,600.00	\$	1,600.00	\$	4,700.00	\$	4,700.00
40	INSTALL MULCH	3	AC	\$	550.00	\$	1,650.00	\$	3,900.00	\$	3,900.00
41	INSTALL CONSTRUCTION SAFETY FENCE	2,000	LF	\$	3.00	\$	6,000.00	\$	12,000.00	\$	12,000.00
42	BARRICADES	1	LS	\$	600.00	\$	600.00	\$	6,000.00	\$	6,000.00
43	CONSTRUCT 27" RCP SANITARY SEWER	1,930	LF	\$	120.00	\$	231,600.00	\$	270,200.00	\$	270,200.00
44	CONSTRUCT AGGREGATE BEDDING FOR 27" R.C.P. SEWER	1,930	LF	\$	9.00	\$	17,370.00	\$	38,600.00	\$	38,600.00
45	CONSTRUCT 72" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,250.00	\$	62,500.00	\$	55,000.00	\$	55,000.00
	Total Base Bid (1-45)						\$ 465,100.00				\$ 560,239.00
	ALTERNATE A (REPLACES BID ITEMS 43-45)										
43A	CONSTRUCT 27" V.C.P. SANITARY SEWER	1,930	LF	\$	170.00	\$	328,100.00	\$	\$180.00	\$	347,400.00
44A	CONSTRUCT AGGREGATE BEDDING FOR 27" V.C.P. SEWER	1,930	LF	\$	12.00	\$	23,160.00	\$	\$27.00	\$	52,110.00
45A	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$	\$630.00	\$	31,500.00
	Total Alternate A Bid (1-45A)						\$ 559,890.00				\$ 627,449.00
	ALTERNATE B (REPLACES BID ITEMS 43-45)										
43B	CONSTRUCT 27" P.V.C. SANITARY SEWER	1,930	LF	\$	125.00	\$	241,250.00	\$	\$116.00	\$	223,880.00
44B	CONSTRUCT AGGREGATE BEDDING FOR 27" P.V.C. SEWER	1,930	LF	\$	12.00	\$	23,160.00	\$	\$25.00	\$	48,250.00
45B	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$	\$630.00	\$	31,500.00
	Total Alternate B Bid (1-45B)						\$ 473,040.00				\$ 500,069.00
	ALTERNATE C (REPLACES BID ITEMS 43-45)										
43C	CONSTRUCT 27" D.I.P. SANITARY SEWER	1,930	LF	\$	250.00	\$	482,500.00	\$	\$335.00	\$	646,550.00
44C	CONSTRUCT AGGREGATE BEDDING FOR 27" D.I.P. SEWER	1,930	LF	\$	9.00	\$	17,370.00	\$	\$25.00	\$	48,250.00
45C	CONSTRUCT 60" I.D. SANITARY FLATTOP MANHOLE (7 EACH)	50	VF	\$	1,100.00	\$	55,000.00	\$	\$630.00	\$	31,500.00
	Total Alternate C Bid (1-45C)						\$ 708,500.00				\$ 922,739.00
	** NOTE 1 - BIDDERS MUST BID ALL ALTERNATES										
	** NOTE 2 - BID ITEMS 1 THROUGH 42 SHALL BE THE SAME FOR ALL ALTERNATIVES. ANY ADDITIONAL COSTS CHANGES RESULTING IN THESE BID ITEMS SHALL BE ACCOUNTED FOR IN ALTERNATE BID ITEMS 43-45										



**LAMP RYNEARSON
& ASSOCIATES**
ENGINEERS | SURVEYORS | PLANNERS

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January 28, 2015

VIA EMAIL

Mr. Martin Cleveland
Papio-Missouri River Natural Resources District
8901 South 154 Street, Suite 4
Omaha, NE 68138-3621
mcleveland@papionrd.org

REFERENCE: Papio-Missouri River NRD
Thompson Creek Sanitary Sewer Relocation
LRA Job No. 0114041.01-310

Dear Mr. Cleveland:

Valley Corporation submitted the low bid of \$460,721.70 for the above-referenced project. The low bid total was corrected from the total shown on Valley Corporation's bid sheet due to math errors. Unit prices were used to govern the actual total. Valley Corporation's low bid is their base bid for reinforced concrete pipe (R.C.P.). It is our understanding the City of LaVista has approved the use of R.C.P. on this project.

The low bidder has previously successfully completed this type of work for our clients and is qualified to complete this project within the required contract time. We recommend award of the contract to Valley Corporation.

Sincerely,

LAMP, RYNEARSON & ASSOCIATES, INC.

Brett J. Wawers, P.E.
Senior Vice President

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Leaving a Legacy of Enduring Improvements to Our Communities - PURPOSE STATEMENT

ENGINEERS SURVEYORS PLANNERS