

Agenda Item: 8.

**MEMORANDUM**

**TO:** Programs, Projects, and Operations Subcommittee

**FROM:** Zach Nelson, Project Manager

**SUBJECT:** Review and Recommendation on Bids for the Little Papio Channel – Maple to Pratt Street – Keystone Trail Stabilization Project

**DATE:** March 30, 2017

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The District maintains the Little Papio Channel Project that was constructed by the Corps of Engineers in the mid-1960s. Erosion and sloughing along the Keystone Trail is an ongoing issue that District Maintenance Staff deal with on an annual basis.

Overland drainage at one location between Maple and Pratt Streets has eroded the channel banks and has started to undermine the adjacent Keystone Trail, creating a safety and maintenance hazard. Enclosed is a location map.

Lamp Rynearson and Associates was retained to evaluate the complicated drainage network in the area and come up with the most feasible solution. They completed a topographic survey, an engineered design for the area, and a cost estimate for the work. The design calls for a storm sewer inlet on the east side of the trail that will capture runoff, so it doesn't wash over the trail and erode the slope. The storm sewer inlet will connect to an 18" diameter culvert that discharges into the creek channel at a safe elevation. The engineer's estimate to perform the repairs is \$83,675.

Bids were opened at 10:00 am on March 30, 2017. A total of six bids were received, ranging from \$43,704 to \$69,040.93. Bayshore Construction's bid of \$43,704 is the apparent low bid. Staff and the engineer have reviewed all bids and believe that Bayshore Construction is the lowest and best bidder. Enclosed is a copy of the bid summary tab and letter of recommendation from Lamp Rynearson and Associates.

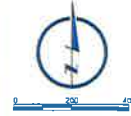
**Staff recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute a contract with Bayshore Construction for construction of the Little Papio Channel – Maple to Pratt Street - Keystone Trail Stabilization Project in the bid amount of \$43,704, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**



**NRD KEYSTONE TRAIL AREA**

**NOTE:**

COORDINATE SITE ACCESS AND STAGING AREAS WITH PAPIO MISSOURI RIVER NRD. (ZACH NELSON, 402-315-1756)



**DETOUR SIGNING NOTES:**

1. ALL TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF IOWA PUBLIC WORKS "BARRICADE STANDARDS, SPECIFICATIONS, METHODS & MATERIALS", AND/OR THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
2. ALL BARRICADES AND SIGN LOCATIONS ON THIS PLAN ARE APPROXIMATE, AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS. THE SIGNS SHALL BE INSTALLED SO AS NOT TO OBSCURE THE VIEW OF THE OTHER TRAFFIC CONTROL DEVICES.
3. WARNING LIGHTS SHALL BE USED TO BANK BARRICADES AT NIGHT AS NEEDED.
4. ALL TRAIL CLOSURES MUST BE APPROVED BY THE NRD.



PROJECT NO.	
DATE	
SCALE	
BY	
CHECKED BY	
DATE	
PROJECT TITLE	
PROJECT LOCATION	
PROJECT NUMBER	

**LAMP RYNEARSON & ASSOCIATES**  
 14710 West Dodge Road, Suite 100 • 402-490-2458 (F)  
 Omaha, Nebraska 68154-2027 • 402-498-2730 (F)  
 www.LRA-Ne.com

**PAPIO-MISSOURI RIVER NRD KEYSTONE TRAIL STABILIZATION (2016)**  
 (LITTLE PAPIO CHANNEL-MAPLE TO PRATT STREET) DOUGLAS COUNTY, NEBRASKA

VICINITY MAP



Papio-Missouri River Natural Resources District - Little Papio Channel - Maple to Pratt Street - Keystone Trail Stabilization Project 2017 - Bid Tab

BID ITEM #	Bid Item Description	Approx. Qty	Unit	Bid Item's Estimate		Contractor #1 Bayshore		Contractor #2 TCW		Contractor #3 Newsharner		Contractor #4 Nelson Rock		Contractor #5 Valley Corp		Contractor #6 ME Collins	
				LRA		Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	MOBILIZATION	1	LS	\$12,500.00	\$12,500.00	\$10,000.00	\$10,000.00	\$4,809.18	\$4,809.18	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$5,997.49	\$5,997.49	\$10,505.00	\$10,505.00
2	SAWCUT PAVEMENT (FULL DEPTH)	16	LF	\$5.00	\$80.00	\$4.00	\$64.00	\$2.26	\$36.16	\$10.00	\$160.00	\$10.00	\$160.00	\$6.87	\$109.92	\$9.00	\$144.00
3	REMOVE AND REPLACE 6" CONCRETE TRAIL	720	SF	\$12.00	\$8,640.00	\$6.00	\$4,320.00	\$12.87	\$9,268.40	\$10.00	\$7,200.00	\$10.00	\$7,200.00	\$14.96	\$10,771.20	\$18.00	\$12,960.00
4	REMOVE STOCKPILE AND REPLACE RIP RAP	275	SF	\$30.00	\$8,250.00	\$6.00	\$1,650.00	\$5.19	\$1,427.25	\$13.00	\$3,675.00	\$10.00	\$2,750.00	\$7.73	\$2,125.75	\$28.00	\$7,700.00
5	CONSTRUCT 18" CMP	75	LF	\$65.00	\$4,875.00	\$55.00	\$4,125.00	\$95.40	\$7,155.00	\$75.00	\$5,625.00	\$10.00	\$750.00	\$67.95	\$5,096.25	\$69.00	\$5,175.00
6	CONSTRUCT 18" VERTICAL BEND	2	EA	\$1,000.00	\$2,000.00	\$200.00	\$400.00	\$497.85	\$995.70	\$500.00	\$1,000.00	\$250.00	\$500.00	\$504.19	\$1,008.38	\$393.00	\$786.00
7	CONSTRUCT 54" AREA INLET - TYPE II WITH CONCRETE APRON	5.7	VF	\$900.00	\$5,130.00	\$1,050.00	\$5,985.00	\$1,100.23	\$6,271.31	\$789.50	\$4,500.15	\$1,000.00	\$5,700.00	\$1,337.48	\$7,623.64	\$849.00	\$4,839.30
8	CONSTRUCT MANHOLE RING COLLAR	1	EA	\$700.00	\$700.00	\$300.00	\$300.00	\$319.72	\$319.72	\$200.00	\$200.00	\$500.00	\$500.00	\$1,077.97	\$1,077.97	\$1,229.00	\$1,229.00
9	CONSTRUCT CONCRETE COLLAR	2	EA	\$1,000.00	\$2,000.00	\$250.00	\$500.00	\$1,099.99	\$2,199.98	\$200.00	\$400.00	\$1,000.00	\$2,000.00	\$839.05	\$1,678.10	\$498.00	\$996.00
10	CONSTRUCT TIMBER PILE SUPPORT STRUCTURE	1	EA	\$14,000.00	\$14,000.00	\$3,000.00	\$3,000.00	\$3,069.77	\$3,069.77	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$5,339.84	\$5,339.84	\$3,403.00	\$3,403.00
11	CONSTRUCT RIP RAP TYPE "B"	100	TN	\$90.00	\$9,000.00	\$50.00	\$5,000.00	\$74.80	\$7,480.00	\$100.00	\$10,000.00	\$55.00	\$5,500.00	\$68.84	\$6,884.00	\$84.00	\$8,400.00
12	GENERAL GRADING AND SHAPING	1	LS	\$8,500.00	\$8,500.00	\$640.00	\$640.00	\$1,978.37	\$1,978.37	\$4,200.00	\$4,200.00	\$4,000.00	\$4,000.00	\$5,474.80	\$5,474.80	\$3,151.00	\$3,151.00
13	CONSTRUCT STRAW WATTLE	150	LF	\$5.00	\$750.00	\$4.00	\$600.00	\$5.05	\$757.50	\$10.00	\$1,500.00	\$6.00	\$900.00	\$4.81	\$721.50	\$7.10	\$1,065.00
14	REMOVE STRAW WATTLE	150	LF	\$1.00	\$150.00	\$2.00	\$300.00	\$2.52	\$378.00	\$2.00	\$300.00	\$1.00	\$150.00	\$2.06	\$309.00	\$3.20	\$480.00
15	SEEDING TYPE "NRD"	0.1	AC	\$5,000.00	\$500.00	\$2,000.00	\$200.00	\$7,568.80	\$756.88	\$7,000.00	\$700.00	\$7,500.00	\$750.00	\$4,119.00	\$411.90	\$9,659.10	\$965.91
16	SEEDING TYPE "B"	0.1	AC	\$2,500.00	\$250.00	\$2,000.00	\$200.00	\$5,297.80	\$529.78	\$7,000.00	\$700.00	\$7,500.00	\$750.00	\$6,176.50	\$617.65	\$9,659.10	\$965.91
17	MULCH	0.1	AC	\$1,500.00	\$150.00	\$5,000.00	\$500.00	\$12,613.30	\$1,261.33	\$2,000.00	\$200.00	\$5,000.00	\$500.00	\$8,797.30	\$879.73	\$484.10	\$484.10
18	ROLLED EROSION CONTROL TYPE II	200	SY	\$4.00	\$800.00	\$3.00	\$600.00	\$3.15	\$630.00	\$6.00	\$1,200.00	\$5.00	\$1,000.00	\$5.48	\$1,096.00	\$5.00	\$1,000.00
19	EXPLORATORY EXCAVATION	2	HR	\$200.00	\$400.00	\$160.00	\$320.00	\$151.60	\$303.20	\$300.00	\$600.00	\$300.00	\$600.00	\$230.73	\$461.46	\$210.10	\$420.20
20	TEMPORARY TRAFFIC CONTROL	1	LS	\$2,000.00	\$2,000.00	\$3,600.00	\$3,600.00	\$2,153.64	\$2,153.64	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$2,748.02	\$2,748.02	\$3,608.20	\$3,608.20
21	STABILIZATION TRENCH WITH FLOWABLE FILL (ASSUMED)	10	CY	\$300.00	\$3,000.00	\$140.00	\$1,400.00	\$2,874.90	\$28,749.00	\$300.00	\$3,000.00	\$200.00	\$2,000.00	\$337.54	\$3,375.40	\$174.90	\$1,749.00
	<b>TOTAL</b>				<b>\$83,676.00</b>		<b>\$43,704.00</b>		<b>\$56,452.17</b>		<b>\$57,660.15</b>		<b>\$58,460.00</b>		<b>\$65,867.22</b>		<b>\$69,040.93</b>

Bid Item 5 - unit price did not calculate to total. Total shown above is the written amount shown on bid form



## LAMP RYNEARSON

14710 West Dodge Road, Suite 100  
Omaha, Nebraska 68154  
[P] 402.496.2498  
[F] 402.496.2730  
www.LRA-inc.com

March 30, 2017

Mr. Zach Nelson  
Papio-Missouri River Natural Resources District  
8901 South 154 Street, Suite 4  
Omaha, NE 68138-3621  
[znelson@papionrd.org](mailto:znelson@papionrd.org)

REFERENCE: Keystone Trail Stabilization 2017  
Little Papio Channel - Maple to Pratt Street  
LRA Job No. 0114001.01-025

Dear Mr. Nelson:

Bayshore Contractors, LLC submitted the low bid of \$43,704.00.

The low bidder has previously successfully completed this type of work for the Papio-Missouri River NRD and is qualified to complete this project within the required contract time. We recommend award of the contract to Bayshore Contractors, LLC.

Sincerely,

LAMP RYNEARSON

Randy R. Kuszak, P.E.  
Senior Project Engineer

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### LAMP RYNEARSON COMPANIES

