

## MEMORANDUM

**To:** Programs, Projects and Operations Subcommittee  
**From:** Amanda Grint, Water Resources Engineer  
**Date:** October 4, 2018  
**Re:** Review and Recommendation of Construction Bids for WP6 and WP7

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On October 2, 2018, bids were opened for the construction of the WP6 and WP7 flood control reservoirs. A copy of the bid tabulation is attached along with the recommendation letter from FYRA Engineering.

WP6 is located approximately at 114<sup>th</sup> and Cornhusker Road in Papillion and WP7 is located at approximately 108<sup>th</sup> and Lincoln Road, both in Sarpy County. The project includes the construction of both flood control reservoirs and associated improvements.

Three (3) bids were received and the range of bids was \$10,308,746.41 to \$12,087,931.78. The engineers estimate for the construction of WP6 and associated improvements is \$4,764,938.40 and the engineers estimate for the construction of WP7 and associated improvements is \$4,687,970.60, for a total of \$9,452,909.00. Hawkins Construction is the low bidder. FYRA Engineering has reviewed the bid items and subcontractors and has verified that they are able to construct the project according to specifications. Hawkins constructed Prairie Queen reservoir for the District and has a good work history. The work is expected to begin in early November and be substantially complete in September 2020.

**Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute a contract with Hawkins Construction, for the construction of the WP6 and WP7 project for the bid amount of \$10,308,746.41, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**



3 October 2018

Amanda Grint, P.E.  
Papio-Missouri River NRD  
8901 S. 154<sup>th</sup> Street  
Omaha, NE 68138

Re: Regional Detention Basins WP-6 and WP-7 – Engineer’s Recommendation

Dear Amanda:

The bid opening for the above-referenced project was held at the P-MRNRD on 2 October 2018. The low bid of \$10,308,746.41 was received from Hawkins Construction and was above the engineer’s estimate of \$9,452,909.00 by \$855,937.41. Two other bids were submitted by Graham Construction and Pink Excavating which were \$10,392,051.00 and \$12,087,931.78 respectively (upon minor calculation corrections during the bid tabulation review) and can be viewed on the attached bid tabulations.

After a review of the bids, the unit prices appear to be reasonable in the current bidding climate. Based on informal conversations with the bidders, the engineer’s estimate underestimated the anticipated mobilization costs associated with the uncertainty in the settling times and balancing work on two sites, even with the close proximity of the projects. There are some minor concerns with unit prices related to fixed quantities versus some items with an elevated chance of change in the field (excavation and embankment for example), and therefore we will just need to be diligent in the field to avoid any unnecessary changes. As per your input, Hawkins Construction completed the construction of Regional Detention Basin WP-5 (Prairie Queen) to the satisfaction of the P-MRNRD and given their local experience and reputation, I do not have any reason not to recommend the low bidder.

Hawkins construction has provided a list of subcontractors (attached). A conversation with their representative indicated that they intend to mobilize as soon as possible, possibly even before 1 November, and hopefully complete both Stage 1 construction embankments before winter shut down.

My recommendation is to award the project to Hawkins Construction and begin the contracting process upon Board approval. Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Sotak', written over a light blue horizontal line.

Michael K. Sotak, P.E.

**2018 P-MRNRD REGIONAL DETENTION BASINS WP-6 7WP-7**  
**HAWKINS CONSTRUCTION SUBCONTRACTOR LIST**

<b><u>WORK DESCRIPTION</u></b>	<b><u>CONTRACTOR NAME</u></b>
EARTHWORK	HIGH PLAINS ENTERPRISES
INSTRUMENTATION/TESTING	OLSSON ASSOCIATES
SEEDING/EROSION CONTROL	NEXT PHASE ENVIRONMENTAL
TRAFFIC CONTROL	TODCO BARRICADE
FENCING	SAFETY GUARD INC
ELECTRICAL	VIERRIGER ELECTRIC
SITE FURNISHINGS	DOSTAL
MONUMENT SIGN	PIP



Bid Tabulation  
Regional Detention Basins WP-6 7

Papio-Missouri River NRD

Bid Opening: 2 October 2018, 10:00 a.m.



GENERAL			Engineer's Estimate		Pink Grading		Hawkins Construction		Graham Construction	
ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
MOBILIZATION	LS	1	\$350,000.00	\$350,000.00	\$615,000.00	\$615,000.00	\$1,297,167.36	\$1,297,167.36	\$1,275,000.00	\$1,275,000.00
CLEARING AND GRUBBING	LS	1	\$60,000.00	\$60,000.00	\$25,000.00	\$25,000.00	\$177,766.55	\$177,766.55	\$50,000.00	\$50,000.00
HANDLING OF WATER	LS	1	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00	\$15,520.47	\$15,520.47	\$32,000.00	\$32,000.00
EROSION CONTROL (SWPPP)	LS	1	\$55,000.00	\$55,000.00	\$50,000.00	\$50,000.00	\$59,663.65	\$59,663.65	\$165,000.00	\$165,000.00
SEEDING - TURF MIX	AC	7	\$2,500.00	\$17,500.00	\$1,903.00	\$13,321.00	\$1,041.80	\$7,292.60	\$950.00	\$6,650.00
SEEDING - UPLAND SEED MIX	AC	58	\$3,200.00	\$185,600.00	\$1,226.50	\$71,137.00	\$960.72	\$55,721.76	\$950.00	\$55,100.00
SEEDING - CONSERVATION BUFFER MIX	AC	8	\$3,800.00	\$30,400.00	\$1,335.00	\$10,680.00	\$888.53	\$7,108.24	\$900.00	\$7,200.00
EROSION CONTROL MATTING	SY	54,862	\$2.00	\$109,724.00	\$1.21	\$66,383.02	\$0.94	\$51,570.28	\$1.60	\$87,779.20
<b>MAIN DAM</b>										
ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
INSTRUMENTATION	LS	1	\$152,000.00	\$152,000.00	\$150,000.00	\$150,000.00	\$60,808.75	\$60,808.75	\$89,500.00	\$89,500.00
EARTHEN DAM EMBANKMENT - CLASS "A"	CY	107,725	\$3.00	\$323,175.00	\$5.75	\$619,418.75	\$5.28	\$568,788.00	\$5.60	\$603,260.00
EARTHEN DAM EMBANKMENT - CLASS "B"	CY	16,018	\$3.00	\$48,054.00	\$5.75	\$92,103.50	\$5.28	\$84,575.04	\$5.60	\$89,700.80
STRIP, STOCKPILE, REPLACE/WASTE TOPSOIL	LS	1	\$65,000.00	\$65,000.00	\$200,000.00	\$200,000.00	\$194,365.86	\$194,365.86	\$200,000.00	\$200,000.00
COMMON EXCAVATION	CY	12,444	\$2.00	\$24,888.00	\$10.00	\$124,440.00	\$3.33	\$41,438.52	\$5.60	\$69,686.40
48" RCCP - PRINCIPAL SPILLWAY CONDUIT (INSTALLATION ONLY)	FT	260	\$135.00	\$35,100.00	\$269.10	\$69,966.00	\$160.21	\$41,654.60	\$175.00	\$45,500.00
FORMED CONCRETE	CY	134.8	\$850.00	\$114,580.00	\$1,109.45	\$149,553.86	\$896.66	\$120,869.77	\$735.00	\$99,078.00
STEEL REINFORCEMENT - FORMED CONCRETE	LBS	26,808.2	\$2.00	\$53,616.40	\$2.36	\$63,267.35	\$1.20	\$32,169.84	\$1.05	\$28,148.61
METAL FABRICATION - IMPACT BASIN	LS	1	\$9,000.00	\$9,000.00	\$13,787.35	\$13,787.35	\$12,011.86	\$12,011.86	\$15,000.00	\$15,000.00
METAL FABRICATION - RISER STRUCTURE	LS	1	\$10,400.00	\$10,400.00	\$16,809.55	\$16,809.55	\$15,409.11	\$15,409.11	\$16,000.00	\$16,000.00
KNIFE GATE AND APPURTENANCES - RISER STRUCTURE	EA	1	\$15,600.00	\$15,600.00	\$17,337.40	\$17,337.40	\$15,330.58	\$15,330.58	\$10,000.00	\$10,000.00
SLIDE GATE AND APPURTENANCES - RISER STRUCTURE	EA	1	\$7,800.00	\$7,800.00	\$19,996.20	\$19,996.20	\$17,640.10	\$17,640.10	\$6,000.00	\$6,000.00
24" HDPE PIPE - TEMPORARY DRAWDOWN PIPE (INSTALLATION ONLY)	FT	400	\$80.00	\$32,000.00	\$69.06	\$27,624.00	\$26.99	\$10,796.00	\$47.00	\$18,800.00
24" PVC - DRAWDOWN PIPE	FT	53	\$40.00	\$2,120.00	\$136.51	\$7,235.03	\$88.22	\$4,675.66	\$110.00	\$5,830.00
UNFORMED CONCRETE	CY	82	\$250.00	\$20,500.00	\$308.09	\$25,263.38	\$301.53	\$24,725.46	\$187.00	\$15,334.00
FLOWABLE FILL GROUT - 24" TEMP DRAWDOWN PIPE	CY	57	\$300.00	\$17,100.00	\$168.95	\$9,630.15	\$165.66	\$9,442.62	\$152.00	\$8,664.00
FINE SAND	CY	110	\$20.00	\$2,200.00	\$60.00	\$6,600.00	\$42.00	\$4,620.00	\$54.00	\$5,940.00
AGGREGATE EMBANKMENT	CY	6,328	\$20.00	\$126,560.00	\$49.00	\$310,072.00	\$42.11	\$266,472.08	\$34.00	\$215,152.00
8" SOLID WALL PVC PIPE	FT	1,141	\$10.00	\$11,410.00	\$15.99	\$18,244.59	\$12.80	\$14,604.80	\$5.10	\$5,819.10
8" SLOTTED WALL PVC PIPE	FT	836	\$10.00	\$8,360.00	\$14.72	\$12,305.92	\$12.15	\$10,157.40	\$4.60	\$3,845.60
18" DUAL WALL HDPE PIPE	FT	82	\$65.00	\$5,330.00	\$60.15	\$4,932.30	\$48.45	\$3,972.90	\$80.00	\$6,560.00
30" NYLOPLAST DRAIN BASIN WITH DOME GRATE	EA	1	\$3,250.00	\$3,250.00	\$3,931.62	\$3,931.62	\$3,386.57	\$3,386.57	\$4,950.00	\$4,950.00
GEOTEXTILE FILTER FABRIC	SY	20,252	\$3.00	\$60,756.00	\$5.00	\$101,260.00	\$2.19	\$44,351.88	\$2.40	\$48,604.80
AGGREGATE SURFACING	TN	258	\$30.00	\$7,740.00	\$30.00	\$7,740.00	\$39.67	\$10,234.86	\$28.00	\$7,224.00
CLASS "B" ROCK RIPRAP	TN	771	\$60.00	\$46,260.00	\$60.00	\$46,260.00	\$54.53	\$42,042.63	\$62.00	\$47,802.00
CLASS "C" ROCK RIPRAP	TN	867	\$60.00	\$52,020.00	\$60.00	\$52,020.00	\$52.44	\$45,465.48	\$60.00	\$52,020.00
COBBLES	TN	43	\$50.00	\$2,150.00	\$200.00	\$8,600.00	\$118.53	\$5,096.79	\$90.00	\$3,870.00
<b>CORNHUSKER ROAD</b>										
ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
EARTH ROAD EMBANKMENT	CY	27,783	\$2.50	\$69,457.50	\$5.75	\$159,752.25	\$5.28	\$146,694.24	\$5.60	\$155,584.80
SAW CUT - FULL DEPTH	LF	76	\$10.00	\$760.00	\$7.20	\$547.20	\$7.58	\$576.08	\$6.50	\$494.00
REMOVE CONCRETE HEADER	LF	76	\$2.00	\$152.00	\$8.00	\$608.00	\$8.75	\$665.00	\$6.00	\$456.00
REMOVE 15" TO 18" SEWER PIPE	LF	69	\$10.00	\$690.00	\$15.99	\$1,103.31	\$9.51	\$656.19	\$14.00	\$966.00
REMOVE 48" SEWER PIPE	LF	51	\$25.00	\$1,275.00	\$24.10	\$1,229.10	\$9.96	\$507.96	\$22.00	\$1,122.00



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REMOVE FLARED END SECTION (LESS THAN 24")	EA	1	\$100.00	\$100.00	\$355.95	\$355.95	\$65.81	\$65.81	\$350.00	\$350.00
REMOVE FLARED END SECTION OVER 36" TO 48"	EA	1	\$500.00	\$500.00	\$455.30	\$455.30	\$65.81	\$65.81	\$475.00	\$475.00
REMOVE MANHOLE	EA	1	\$500.00	\$500.00	\$1,109.52	\$1,109.52	\$653.54	\$653.54	\$780.00	\$780.00
REMOVE AREA INLET	EA	1	\$500.00	\$500.00	\$1,109.52	\$1,109.52	\$609.30	\$609.30	\$700.00	\$700.00
RECONSTRUCT MANHOLE	VF	22	\$250.00	\$5,500.00	\$376.74	\$8,288.28	\$541.12	\$11,904.64	\$260.00	\$5,720.00
CONSTRUCT 9" CONCRETE PAVEMENT (TYPE L65) W/ INTEGRAL CURB	SY	8,402	\$40.00	\$336,080.00	\$43.42	\$364,814.84	\$42.82	\$359,773.64	\$40.00	\$336,080.00
CONSTRUCT 6" CONCRETE DRIVEWAY (TYPE L65)	SY	51	\$50.00	\$2,550.00	\$50.66	\$2,583.66	\$43.94	\$2,240.94	\$41.00	\$2,091.00
CONSTRUCT 6" PCC RECREATIONAL TRAIL	SF	25,371	\$5.00	\$126,855.00	\$4.85	\$123,049.35	\$3.67	\$93,111.57	\$4.50	\$114,169.50
CONSTRUCT 5" PCC SIDEWALK	SF	4,226	\$4.50	\$19,017.00	\$4.72	\$19,946.72	\$3.93	\$16,608.18	\$4.15	\$17,537.90
CONSTRUCT CURB RAMP	SF	58	\$20.00	\$1,160.00	\$21.10	\$1,223.80	\$18.47	\$1,071.26	\$19.00	\$1,102.00
SUBGRADE COMPACTION	CY	3,349	\$3.00	\$10,047.00	\$9.50	\$31,815.50	\$3.80	\$12,726.20	\$3.75	\$12,558.75
CONSTRUCT W-BEAM GUARDRAIL	LF	375	\$50.00	\$18,750.00	\$52.25	\$19,593.75	\$66.64	\$24,990.00	\$72.00	\$27,000.00
CONSTRUCT 18" RCP, CLASS III	LF	712	\$45.00	\$32,040.00	\$64.00	\$45,568.00	\$40.81	\$29,056.72	\$48.00	\$34,176.00
CONSTRUCT 36" RCP, D(0.01) = 1,350	LF	557	\$90.00	\$50,130.00	\$143.65	\$80,013.05	\$100.21	\$55,816.97	\$107.00	\$59,599.00
CONSTRUCT CURB INLET - TYPE I	EA	8	\$2,500.00	\$20,000.00	\$3,514.40	\$28,115.20	\$3,826.73	\$30,613.84	\$3,000.00	\$24,000.00
CONSTRUCT CURB INLET - TYPE III	EA	4	\$3,000.00	\$12,000.00	\$3,637.34	\$14,549.36	\$4,323.12	\$17,292.48	\$3,300.00	\$13,200.00
CONSTRUCT MODIFIED CURB INLET	EA	2	\$5,000.00	\$10,000.00	\$8,969.43	\$17,938.86	\$10,232.12	\$20,464.24	\$8,800.00	\$17,600.00
CONSTRUCT 18" CONCRETE COLLAR	EA	1	\$500.00	\$500.00	\$403.65	\$403.65	\$717.58	\$425.00	\$425.00	\$425.00
CONSTRUCT 36" CONCRETE COLLAR	EA	1	\$1,000.00	\$1,000.00	\$1,056.16	\$1,056.16	\$940.38	\$940.38	\$600.00	\$600.00
INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 5" YELLOW, GROOVED	LF	4,598	\$4.50	\$20,691.00	\$4.25	\$19,541.50	\$4.32	\$19,863.36	\$4.00	\$18,392.00
INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 5" WHITE, GROOVED	LF	150	\$4.50	\$675.00	\$4.25	\$637.50	\$4.32	\$648.00	\$4.00	\$600.00
INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE 4, 24" WHITE, GROOVED	EA	2	\$250.00	\$500.00	\$200.00	\$400.00	\$416.50	\$833.00	\$400.00	\$800.00
INSTALL PERMANENT PREFORMED TAPE MARKING - TYPE "ONLY", WHITE	EA	1	\$250.00	\$250.00	\$200.00	\$200.00	\$438.71	\$438.71	\$400.00	\$400.00
INSTALL TRAFFIC SIGNS AND POSTS	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$555.33	\$555.33	\$525.00	\$525.00
TEMPORARY TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$17,153.07	\$17,153.07	\$8,000.00	\$8,000.00

**WATER QUALITY BASIN**

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
60" CLASS IV RCP	LF	246	\$550.00	\$135,300.00	\$410.09	\$100,882.14	\$194.30	\$47,797.80	\$220.00	\$54,120.00
FORMED CONCRETE	CY	27.5	\$850.00	\$23,375.00	\$938.52	\$25,809.30	\$799.50	\$21,986.25	\$1,220.00	\$33,550.00
STEEL REINFORCEMENT	LBS	4,033	\$2.00	\$8,066.00	\$2.25	\$9,074.25	\$1.20	\$4,839.60	\$1.05	\$4,234.65
CLASS "B" ROCK RIPRAP	TN	204	\$60.00	\$12,240.00	\$60.00	\$12,240.00	\$54.53	\$11,124.12	\$63.00	\$12,852.00
12" DUAL WALL HDPE	LF	48	\$55.00	\$2,640.00	\$49.45	\$2,373.60	\$30.61	\$1,469.28	\$85.00	\$4,080.00
18" DUAL WALL HDPE	LF	65	\$65.00	\$4,225.00	\$58.78	\$3,820.70	\$38.43	\$2,497.95	\$98.00	\$6,370.00
24" NYLOPLAST DRAIN BASIN WITH DOME GRATE	EA	2	\$2,080.00	\$4,160.00	\$2,080.47	\$4,160.94	\$1,155.82	\$2,311.64	\$4,200.00	\$8,400.00
30" NYLOPLAST DRAIN BASIN WITH DOME GRATE	EA	1	\$3,250.00	\$3,250.00	\$3,918.28	\$3,918.28	\$3,317.13	\$3,317.13	\$5,000.00	\$5,000.00
REMOVE 10' CMP	LF	120	\$10.00	\$1,200.00	\$89.36	\$10,723.20	\$26.15	\$3,138.00	\$37.00	\$4,440.00

**RECREATION FACILITIES**

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
CONSTRUCT 7" CONCRETE PAVEMENT (TYPE L65)	SY	6,356	\$56.00	\$355,936.00	\$43.47	\$276,295.32	\$37.82	\$240,383.92	\$39.00	\$247,884.00
CONSTRUCT 6" PCC RECREATIONAL TRAIL	SY	8,515	\$48.00	\$408,720.00	\$36.57	\$311,393.55	\$34.64	\$294,959.60	\$37.50	\$319,312.50
CONSTRUCT 5" PCC SIDEWALK	SF	5,070	\$4.50	\$22,815.00	\$5.58	\$28,290.60	\$4.15	\$21,040.50	\$4.00	\$20,280.00
CONSTRUCT 6" IMPRINTED PCC SURFACING	SF	144	\$6.00	\$864.00	\$10.06	\$1,448.64	\$6.16	\$887.04	\$6.50	\$936.00
CONSTRUCT 6" AGGREGATE PARKING LOT SURFACING	SY	916	\$36.00	\$33,176.00	\$35.00	\$32,060.00	\$11.24	\$10,295.84	\$7.95	\$7,282.20
INSTALL 4" AGGREGATE TRAIL SURFACING	SF	8,365	\$3.50	\$29,277.50	\$1.80	\$15,057.00	\$1.00	\$8,365.00	\$0.80	\$6,692.00
INSTALL PERMANENT PAINT MARKING- 24" WHITE	LF	142	\$3.00	\$426.00	\$35.00	\$4,970.00	\$6.55	\$930.10	\$6.00	\$852.00
INSTALL PERMANENT PAINT MARKING- 4" WHITE	LF	1,500	\$1.00	\$1,500.00	\$4.00	\$6,000.00	\$1.33	\$1,995.00	\$1.30	\$1,950.00
INSTALL PERMANENT PAINT MARKING- WHITE DIRECTIONAL ARROW	EA	5	\$250.00	\$1,250.00	\$350.00	\$1,750.00	\$266.56	\$1,332.80	\$250.00	\$1,250.00



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Item Description	EA	3	\$250.00	\$750.00	\$250.00	\$750.00	\$338.75	\$1,016.25	\$310.00	\$930.00
INSTALL PERMANENT PAINT MARKING SYMBOL- TYPE HANDICAPPED SYMBOL, WHITE	EA	3	\$250.00	\$750.00	\$250.00	\$750.00	\$277.67	\$833.01	\$175.00	\$525.00
INSTALL HANDICAPPED PARKING SIGN AND POST	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$333.20	\$333.20	\$525.00	\$525.00
CONSTRUCT 18" RCP, CLASS III	LF	48	\$55.00	\$2,640.00	\$66.30	\$3,182.40	\$50.88	\$2,442.24	\$45.00	\$2,160.00
CONSTRUCT 18" RCP FLARED END SECTION	EA	2	\$800.00	\$1,600.00	\$1,702.35	\$3,404.70	\$969.51	\$1,939.02	\$735.00	\$1,470.00
CONSTRUCT 18" CMP	LF	196	\$45.00	\$8,820.00	\$50.60	\$9,917.60	\$38.33	\$7,512.68	\$38.00	\$7,448.00
CONSTRUCT 18" CMP FLARED END SECTION	EA	10	\$400.00	\$4,000.00	\$331.78	\$3,317.80	\$273.96	\$2,739.60	\$420.00	\$4,200.00
INSTALL PIPE COUPLERS	EA	9	\$100.00	\$900.00	\$102.64	\$923.76	\$66.86	\$601.74	\$100.00	\$900.00
INSTALL CLASS A/B BLEND RIP RAP	SY	195	\$60.00	\$11,700.00	\$80.00	\$15,600.00	\$103.12	\$20,108.40	\$34.00	\$6,630.00
CONSTRUCT CONCRETE BOAT RAMP	EA	1	\$38,000.00	\$38,000.00	\$25,000.00	\$25,000.00	\$13,672.43	\$13,672.43	\$25,000.00	\$25,000.00
CONSTRUCT BOAT ACCESS DOCK	EA	1	\$12,000.00	\$12,000.00	\$48,000.00	\$48,000.00	\$16,059.57	\$16,059.57	\$12,000.00	\$12,000.00
CONSTRUCT PADDLE SPORT LANDING	EA	1	\$4,500.00	\$4,500.00	\$15,000.00	\$15,000.00	\$6,936.02	\$6,936.02	\$7,500.00	\$7,500.00
CONSTRUCT FISHING PIER WITH HELICAL ANCHOR FOOTINGS AND HEADWALL	EA	1	\$50,000.00	\$50,000.00	\$48,500.00	\$48,500.00	\$50,812.04	\$50,812.04	\$65,000.00	\$65,000.00
CONSTRUCT VAULT TOILET STRUCTURE	EA	1	\$60,000.00	\$60,000.00	\$85,000.00	\$85,000.00	\$85,779.76	\$85,779.76	\$84,000.00	\$84,000.00
CONSTRUCT SHELTER STRUCTURE	EA	1	\$36,000.00	\$36,000.00	\$48,000.00	\$48,000.00	\$48,485.95	\$48,485.95	\$48,000.00	\$48,000.00
CONSTRUCT MONUMENT SIGNAGE AND SOLAR SIGN	EA	1	\$17,000.00	\$17,000.00	\$18,500.00	\$18,500.00	\$14,043.21	\$14,043.21	\$43,000.00	\$43,000.00
INSTALL ROAD CLOSURE GATE	EA	2	\$2,400.00	\$4,800.00	\$6,732.00	\$13,464.00	\$2,776.66	\$5,553.32	\$3,100.00	\$6,200.00
INSTALL WOOD POST MOUNTED SIGN PANEL	EA	10	\$200.00	\$2,000.00	\$137.50	\$1,375.00	\$765.75	\$7,657.50	\$101.00	\$1,010.00
INSTALL TIMBER SIGN POST	EA	5	\$375.00	\$1,875.00	\$825.00	\$4,125.00	\$627.31	\$3,136.55	\$702.00	\$3,510.00
INSTALL U-CHANNEL POST	EA	28	\$125.00	\$3,500.00	\$250.00	\$7,000.00	\$139.97	\$3,919.16	\$75.00	\$2,100.00
INSTALL STEEL SQUARE POST	EA	9	\$175.00	\$1,575.00	\$250.00	\$2,250.00	\$171.57	\$1,544.13	\$90.00	\$810.00
INSTALL STEEL MESH ROLL FENCING	LF	16,260	\$4.50	\$73,170.00	\$6.45	\$104,877.00	\$4.15	\$67,479.00	\$4.25	\$69,105.00
INSTALL SOLAR LIGHT POLE FIXTURE	EA	3	\$9,200.00	\$27,600.00	\$2,500.00	\$7,500.00	\$23,236.50	\$69,709.50	\$22,150.00	\$66,450.00
INSTALL BOLLARD- LAY DOWN	EA	3	\$350.00	\$1,050.00	\$1,250.00	\$3,750.00	\$501.21	\$1,503.63	\$320.00	\$960.00
INSTALL BOLLARD- FIXED	EA	2	\$200.00	\$400.00	\$500.00	\$1,000.00	\$403.15	\$806.30	\$400.00	\$800.00
INSTALL BENCH SEATING	EA	4	\$600.00	\$2,400.00	\$900.90	\$3,603.60	\$895.02	\$3,580.08	\$600.00	\$2,400.00
INSTALL PICNIC TABLES - STANDARD	EA	4	\$900.00	\$3,600.00	\$1,625.80	\$6,503.20	\$1,214.50	\$4,858.00	\$1,200.00	\$4,800.00
INSTALL PICNIC TABLES - ADA	EA	2	\$950.00	\$1,900.00	\$1,598.50	\$3,197.00	\$1,187.38	\$2,374.76	\$1,200.00	\$2,400.00
INSTALL GRILL	EA	1	\$350.00	\$350.00	\$500.00	\$500.00	\$504.72	\$504.72	\$650.00	\$650.00
INSTALL PET WASTE REMOVAL POST MOUNT DISPENSER	EA	3	\$300.00	\$900.00	\$550.00	\$1,650.00	\$347.81	\$1,043.43	\$550.00	\$1,650.00
INSTALL SHRUB PLANT MATERIAL	EA	37	\$70.00	\$2,590.00	\$65.00	\$2,405.00	\$38.43	\$1,421.91	\$60.00	\$2,220.00
INSTALL TREE PLANT MATERIAL- DECIDUOUS OVER 2"	EA	30	\$375.00	\$11,250.00	\$372.90	\$11,187.00	\$352.68	\$10,580.40	\$350.00	\$10,500.00
INSTALL TREE PLANT MATERIAL - DECIDUOUS UNDER 2" CALIPER AND SMALLER	EA	31	\$350.00	\$10,850.00	\$217.80	\$6,751.80	\$352.68	\$10,933.08	\$200.00	\$6,200.00
INSTALL TREE PLANT MATERIAL - CONIFEROUS	EA	3	\$375.00	\$1,125.00	\$352.00	\$1,056.00	\$322.09	\$966.27	\$325.00	\$975.00
INSTALL 12" X 12" X .080 ALUMINUM SIGN PANEL	EA	2	\$100.00	\$200.00	\$250.00	\$500.00	\$105.51	\$211.02	\$25.00	\$50.00
INSTALL 12" X 18" X .080 ALUMINUM SIGN PANEL	EA	26	\$75.00	\$1,950.00	\$250.00	\$6,500.00	\$105.51	\$2,743.26	\$50.00	\$1,300.00
INSTALL 12" X 24" X .080 ALUMINUM SIGN PANEL	EA	8	\$115.00	\$920.00	\$250.00	\$2,000.00	\$152.16	\$1,217.28	\$75.00	\$600.00
INSTALL 3' X 4' X 3/16" HDPE SIGN PANEL	EA	2	\$325.00	\$650.00	\$770.00	\$1,540.00	\$777.46	\$1,554.92	\$700.00	\$1,400.00
INSTALL STOP SIGN	EA	1	\$100.00	\$100.00	\$250.00	\$250.00	\$152.16	\$152.16	\$125.00	\$125.00

**FISHERIES**

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
EARTH EMBANKMENT - CLASS "A"	CY	5,314	\$2.50	\$13,285.00	\$10.00	\$53,140.00	\$5.28	\$28,057.92	\$5.60	\$29,758.40
CLASS "A" ROCK RIPRAP	TN	1,382	\$60.00	\$82,920.00	\$60.00	\$82,920.00	\$51.91	\$71,739.62	\$65.00	\$89,830.00
CLASS "B" ROCK RIPRAP	TN	4,000	\$60.00	\$240,000.00	\$60.00	\$240,000.00	\$54.00	\$216,000.00	\$62.00	\$248,000.00
CLASS "C" ROCK RIPRAP	TN	766	\$60.00	\$45,960.00	\$60.00	\$45,960.00	\$51.91	\$39,763.06	\$60.00	\$45,960.00
AGGREGATE SURFACING	TN	200	\$30.00	\$6,000.00	\$30.00	\$6,000.00	\$39.67	\$7,934.00	\$43.00	\$8,600.00
GRAVEL	TN	272	\$30.00	\$8,160.00	\$30.00	\$8,160.00	\$72.68	\$19,768.96	\$37.00	\$10,064.00
COBBLE	TN	62	\$40.00	\$2,480.00	\$200.00	\$12,400.00	\$118.53	\$7,348.86	\$90.00	\$5,580.00
GEOTEXTILE FILTER FABRIC	SY	1,251	\$3.00	\$3,753.00	\$5.00	\$6,255.00	\$2.19	\$2,739.69	\$2.40	\$3,002.40
TREE 18"-36" DIAMETER	EA	148	\$50.00	\$7,400.00	\$250.00	\$37,000.00	\$621.99	\$92,054.52	\$250.00	\$37,000.00
FENCE POST 4" X 4"	FT	864	\$8.00	\$6,912.00	\$15.00	\$12,960.00	\$5.14	\$4,440.96	\$4.50	\$3,888.00

**ADDITIONAL ITEMS**



Bid Tabulation  
Regional Detention Basins WP-6 7



Papio-Missouri River NRD

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
CRACK TESTING	LF	510	\$48.00	\$24,480.00	\$100.00	\$51,000.00	\$6.19	\$3,156.90	\$19.00	\$9,690.00
NON-CEMENTITIOUS GROUT	CF	1,860	\$15.00	\$27,900.00	\$26.88	\$49,996.80	\$28.95	\$53,847.00	\$19.50	\$36,270.00
<b>WP-6 TOTAL</b>				<b>\$4,764,938.40</b>		<b>\$6,034,719.48</b>		<b>\$5,946,520.67</b>		<b>\$6,019,153.61</b>
					Reported	\$5,923,539.66		\$5,946,520.67		\$6,019,153.61



Bid Tabulation  
Regional Detention Basins WP-6 7  
Papiro-Missouri River NRD  
Bid Opening: 2 October 2018, 10:00 a.m.



GENERAL			Engineer's Estimate		Pink Grading		Hawkins Construction		Graham Construction	
ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
MOBILIZATION	LS	1	\$340,000.00	\$340,000.00	\$490,000.00	\$490,000.00	\$277,539.61	\$277,539.61	\$41,209.39	\$41,209.39
CLEARING AND GRUBBING	LS	1	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$127,766.55	\$127,766.55	\$35,000.00	\$35,000.00
HANDLING OF WATER	LS	1	\$30,000.00	\$30,000.00	\$200,000.00	\$200,000.00	\$28,371.04	\$28,371.04	\$10,000.00	\$10,000.00
EROSION CONTROL (SWPPP)	LS	1	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$29,821.79	\$29,821.79	\$38,500.00	\$38,500.00
SEEDING - TURF MIX	AC	4	\$2,500.00	\$10,000.00	\$1,903.00	\$7,612.00	\$1,041.80	\$4,167.20	\$950.00	\$3,800.00
SEEDING - UPLAND SEED MIX	AC	14	\$3,200.00	\$44,800.00	\$1,226.50	\$17,171.00	\$960.72	\$13,450.08	\$900.00	\$12,600.00
SEEDING - CONSERVATION BUFFER MIX	AC	5	\$3,800.00	\$19,000.00	\$1,335.00	\$6,675.00	\$888.53	\$4,442.65	\$850.00	\$4,250.00
EROSION CONTROL MATTING	SY	37,740	\$2.00	\$75,480.00	\$1.21	\$45,665.40	\$0.94	\$35,475.60	\$1.60	\$60,384.00
<b>MAIN DAM AND ROAD EMBANKMENT</b>										
ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
INSTRUMENTATION	LS	1	\$140,000.00	\$140,000.00	\$125,000.00	\$125,000.00	\$36,229.80	\$36,229.80	\$70,000.00	\$70,000.00
EARTHEN DAM/ROAD EMBANKMENT - CLASS "A"	CY	150,297	\$3.00	\$450,891.00	\$5.75	\$864,207.75	\$5.28	\$793,568.16	\$5.60	\$841,663.20
EARTHEN DAM EMBANKMENT - CLASS "B"	CY	6,895	\$3.00	\$20,685.00	\$5.75	\$39,646.25	\$5.28	\$36,405.60	\$5.60	\$38,612.00
STRIP, STOCKPILE, REPLACE/WASTE TOPSOIL	LS	1	\$70,000.00	\$70,000.00	\$120,000.00	\$120,000.00	\$55,533.10	\$55,533.10	\$55,000.00	\$55,000.00
COMMON EXCAVATION	CY	15,482	\$2.00	\$30,964.00	\$10.00	\$154,820.00	\$3.33	\$51,555.06	\$5.60	\$86,699.20
48" RCCP - PRINCIPAL SPILLWAY CONDUIT (INSTALLATION ONLY)	FT	260	\$135.00	\$35,100.00	\$269.10	\$69,966.00	\$168.83	\$43,895.80	\$165.00	\$42,900.00
FORMED CONCRETE	CY	500	\$850.00	\$425,000.00	\$1,068.58	\$534,290.00	\$615.04	\$307,520.00	\$700.00	\$350,000.00
CONCRETE SLAB - FIXED CREST AUXILIARY SPILLWAY	CY	483	\$650.00	\$313,950.00	\$359.95	\$173,855.85	\$250.86	\$121,165.38	\$320.00	\$154,560.00
STEEL REINFORCEMENT - FORMED CONCRETE	LBS	46,388.1	\$2.00	\$92,776.20	\$2.36	\$109,475.92	\$1.16	\$53,810.20	\$1.10	\$51,026.91
STEEL REINFORCEMENT - CONCRETE SLAB	LBS	33,238	\$1.30	\$43,209.40	\$2.25	\$74,785.50	\$1.09	\$36,229.42	\$1.10	\$36,561.80
SHEET PILE - FIXED CREST AUXILIARY SPILLWAY	SY	60	\$540.00	\$32,400.00	\$319.00	\$19,140.00	\$150.96	\$9,057.60	\$305.00	\$18,300.00
CHAIN LINK FENCE	LF	343	\$70.00	\$24,010.00	\$93.50	\$32,070.50	\$74.14	\$25,430.02	\$70.00	\$24,010.00
METAL FABRICATION - IMPACT BASIN	LS	1	\$9,000.00	\$9,000.00	\$13,787.35	\$13,787.35	\$12,011.86	\$12,011.86	\$15,000.00	\$15,000.00
METAL FABRICATION - RISER STRUCTURE	LS	1	\$10,400.00	\$10,400.00	\$16,809.55	\$16,809.55	\$15,827.52	\$15,827.52	\$16,000.00	\$16,000.00
KNIFE GATE AND APPURTENANCES - RISER STRUCTURE	EA	1	\$15,600.00	\$15,600.00	\$17,337.40	\$17,337.40	\$15,330.58	\$15,330.58	\$5,000.00	\$5,000.00
SLIDE GATE AND APPURTENANCES - RISER STRUCTURE	EA	1	\$7,800.00	\$7,800.00	\$19,996.20	\$19,996.20	\$17,640.10	\$17,640.10	\$6,400.00	\$6,400.00
24" PVC - DRAWDOWN PIPE	FT	120	\$100.00	\$12,000.00	\$148.01	\$17,761.20	\$92.38	\$11,085.60	\$80.00	\$9,600.00
UNFORMED CONCRETE	CY	29	\$250.00	\$7,250.00	\$290.38	\$8,421.02	\$302.82	\$8,781.78	\$210.00	\$6,090.00
FINE SAND	CY	86	\$20.00	\$1,720.00	\$60.00	\$5,160.00	\$42.09	\$3,619.74	\$54.00	\$4,644.00
AGGREGATE EMBANKMENT	CY	5,723	\$20.00	\$114,460.00	\$49.00	\$280,427.00	\$42.11	\$240,995.53	\$34.00	\$194,582.00
8" SOLID WALL PVC PIPE	FT	792	\$10.00	\$7,920.00	\$20.70	\$16,394.40	\$13.65	\$10,810.80	\$6.25	\$4,950.00
8" SLOTTED WALL PVC PIPE	FT	1,595	\$10.00	\$15,950.00	\$15.18	\$24,212.10	\$12.24	\$19,522.80	\$4.70	\$7,496.50
4" DUCTILE IRON PIPE	FT	28	\$30.00	\$840.00	\$245.64	\$6,877.92	\$111.38	\$3,118.64	\$110.00	\$3,080.00
GEOTEXTILE FILTER FABRIC	SY	25,836	\$3.00	\$77,508.00	\$5.00	\$129,180.00	\$2.19	\$56,580.84	\$2.40	\$62,006.40
AGGREGATE SURFACING	TN	236	\$30.00	\$7,080.00	\$30.00	\$7,080.00	\$39.67	\$9,362.12	\$28.00	\$6,608.00
CLASS "B" ROCK RIPRAP	TN	978	\$60.00	\$58,680.00	\$60.00	\$58,680.00	\$54.53	\$53,330.34	\$60.00	\$58,680.00
CLASS "C" ROCK RIPRAP	TN	851	\$60.00	\$51,060.00	\$60.00	\$51,060.00	\$52.44	\$44,626.44	\$58.00	\$49,358.00
COBBLES - FINGER DRAIN	TN	60	\$40.00	\$2,400.00	\$200.00	\$12,000.00	\$118.53	\$7,111.80	\$90.00	\$5,400.00
SANITARY SEWER MANHOLE RAISE	VF	37	\$500.00	\$18,500.00	\$355.81	\$13,164.97	\$315.07	\$11,657.59	\$245.00	\$9,065.00
NEW 54" SANITARY SEWER MANHOLE	VF	18	\$400.00	\$7,200.00	\$462.30	\$8,321.40	\$471.48	\$8,486.64	\$400.00	\$7,200.00
54" CITY OF OMAHA STORM SEWER MANHOLES	EA	2	\$4,000.00	\$8,000.00	\$4,379.20	\$8,758.40	\$3,211.70	\$6,423.40	\$3,500.00	\$7,000.00





Bid Tabulation  
Regional Detention Basins WP-6 7



Papio-Missouri River NRD											
CITY OF OMAHA TYPE II AREA INLET	EA	1	\$4,000.00	\$4,000.00	\$5,030.45	\$5,030.45	\$2,737.77	\$2,737.77	\$2,650.00	\$2,650.00	
24" CLASS III RCP	LF	68	\$65.00	\$4,420.00	\$105.23	\$7,155.64	\$69.90	\$4,753.20	\$62.00	\$4,216.00	
18" CLASS III RCP	LF	355	\$55.00	\$19,525.00	\$63.38	\$22,499.90	\$47.06	\$16,706.30	\$59.00	\$20,945.00	
18" SANITARY PVC PIPE INSTALL AND DIP REMOVAL	LF	70	\$60.00	\$4,200.00	\$134.10	\$9,387.00	\$99.63	\$6,974.10	\$83.00	\$5,810.00	

**PEDESTRIAN AND CORNHUSKER RD BRIDGES**

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
10'-0" x 41'-4" PEDESTRIAN BRIDGE	LS	1	\$66,000.00	\$66,000.00	\$67,386.00	\$67,386.00	\$51,022.44	\$51,022.44	\$64,500.00	\$64,500.00
HP 10 x 42 STEEL PILING - PEDESTRIAN BRIDGE	LF	800	\$45.00	\$36,000.00	\$55.55	\$44,440.00	\$33.86	\$27,088.00	\$52.00	\$41,600.00
CLASS 47BD-4000 CONCRETE - PEDESTRIAN BRIDGE	CY	24	\$850.00	\$20,400.00	\$844.68	\$20,272.32	\$404.51	\$9,708.24	\$750.00	\$18,000.00
EPOXY COATED REINFORCING STEEL - PEDESTRIAN BRIDGE	LBS	1,860	\$1.25	\$2,325.00	\$3.85	\$7,161.00	\$1.17	\$2,176.20	\$1.05	\$1,953.00
CONCRETE FOR ROAD BRIDGE ABUTMENTS - CLASS 47BD-4000	CY	180	\$850.00	\$153,000.00	\$742.50	\$133,650.00	\$318.51	\$57,331.80	\$380.00	\$68,400.00
CONCRETE FOR ROAD BRIDGE SLAB - CLASS 47BD-4000	CY	46	\$650.00	\$29,900.00	\$742.50	\$34,155.00	\$431.06	\$19,828.76	\$1,000.00	\$46,000.00
CONCRETE FOR ROAD BRIDGE RAILS - CLASS 47BD-4000	CY	6	\$750.00	\$4,500.00	\$742.50	\$4,455.00	\$688.28	\$4,129.68	\$1,100.00	\$6,600.00
EPOXY COATED REINFORCING STEEL - ROAD BRIDGE ABUTMENTS	LBS	22,005	\$2.00	\$44,010.00	\$2.53	\$55,672.65	\$1.16	\$25,525.80	\$1.05	\$23,105.25
EPOXY COATED REINFORCING STEEL - ROAD BRIDGE SLAB	LBS	7,875	\$1.30	\$10,237.50	\$2.53	\$19,923.75	\$1.16	\$9,135.00	\$1.05	\$8,268.75
EPOXY COATED REINFORCING STEEL - ROAD BRIDGE RAILS	LBS	1,170	\$1.50	\$1,755.00	\$2.53	\$2,960.10	\$1.17	\$1,368.90	\$1.05	\$1,228.50
PRECAST/PRESTRESSED CONCRETE SUPERSTRUCTURE	LS	1	\$80,000.00	\$80,000.00	\$103,400.00	\$103,400.00	\$76,989.46	\$76,989.46	\$108,000.00	\$108,000.00
PRECOMPRESSED POLYETHYLENE FOAM JOINT, TYPE B	LF	81	\$95.00	\$7,695.00	\$93.50	\$7,573.50	\$51.19	\$4,146.39	\$35.00	\$2,835.00
PEDESTRAIN RAIL FENCE	LF	41	\$80.00	\$3,280.00	\$209.00	\$8,569.00	\$136.41	\$5,592.81	\$145.00	\$5,945.00
PEDESTRAIN BARRIER RAIL	LF	79	\$150.00	\$11,850.00	\$167.20	\$13,208.80	\$67.13	\$5,303.27	\$148.00	\$11,692.00
CONCRETE FOR PAVEMENT APPROACH SLABS - CLASS 47BD-4000	CY	172	\$400.00	\$68,800.00	\$511.50	\$87,978.00	\$254.38	\$43,753.36	\$220.00	\$37,840.00
CONCRETE FOR PAVEMENT APPROACH RAILS - CLASS 47BD-4000	CY	4	\$750.00	\$3,000.00	\$742.50	\$2,970.00	\$1,156.58	\$4,626.32	\$2,100.00	\$8,400.00
EPOXY COATED REINFORCING STEEL - PAVING APPROACH SLABS	LBS	19,835	\$1.10	\$21,818.50	\$2.53	\$50,182.55	\$1.16	\$23,008.60	\$1.05	\$20,826.75
EPOXY COATED REINFORCING STEEL - PAVING APPROACH RAILS	LBS	2,680	\$1.50	\$4,020.00	\$2.53	\$6,780.40	\$1.16	\$3,108.80	\$1.05	\$2,814.00
HP 10 X 42 STEEL PILING	LF	1,560	\$45.00	\$70,200.00	\$55.55	\$86,658.00	\$33.86	\$52,821.60	\$48.00	\$74,880.00

**WATER QUALITY BASIN**

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
EARTHEN EMBANKMENT - CLASS "A"	CY	7,635	\$2.50	\$19,087.50	\$7.00	\$53,445.00	\$5.28	\$40,312.80	\$5.60	\$42,756.00
48" CLASS IV RCP	LF	128	\$500.00	\$64,000.00	\$297.60	\$38,092.80	\$142.38	\$18,224.64	\$170.00	\$21,760.00
FORMED CONCRETE	CY	13	\$850.00	\$11,050.00	\$1,166.22	\$15,160.86	\$711.17	\$9,245.21	\$1,500.00	\$19,500.00
STEEL REINFORCEMENT	LBS	1,212	\$2.00	\$2,424.00	\$2.25	\$2,727.00	\$1.20	\$1,454.40	\$1.05	\$1,272.60
48" RCP FLARED END SECTIONS	EA	2	\$2,000.00	\$4,000.00	\$5,339.22	\$10,678.44	\$2,272.52	\$4,545.04	\$2,300.00	\$4,600.00
CLASS "B" ROCK RIPRAP	TN	75	\$60.00	\$4,500.00	\$60.00	\$4,500.00	\$54.53	\$4,089.75	\$60.00	\$4,500.00

**RECREATION FACILITIES**

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
CONSTRUCT 7" CONCRETE PAVEMENT (TYPE L65)	SY	2,040	\$58.00	\$118,320.00	\$48.76	\$99,470.40	\$37.99	\$77,499.60	\$43.00	\$87,720.00
CONSTRUCT 6" PCC RECREATIONAL TRAIL	SY	6,427	\$48.00	\$308,496.00	\$37.78	\$242,812.06	\$34.38	\$220,960.26	\$37.50	\$241,012.50



Bid Tabulation  
Regional Detention Basins WP-6 7



Papio-Missouri River NRD											
Bid Opening: 1 October 2018, 10:00 a.m.											
CONSTRUCT 5" PCC SIDEWALK	SF	5,425	\$4.50	\$24,412.50	\$5.00	\$27,125.00	\$3.95	\$21,428.75	\$4.00	\$21,700.00	
CONSTRUCT 6" IMPRINTED PCC SURFACING	SF	11	\$6.00	\$66.00	\$6.00	\$66.00	\$543.95	\$29.29	\$322.19	\$12.60	\$138.60
INSTALL 4" AGGREGATE TRAIL SURFACING	SY	2,250	\$3.50	\$7,875.00	\$1.80	\$4,050.00	\$9.80	\$22,050.00	\$6.75	\$15,187.50	
INSTALL PERMANENT PAINT MARKING- 24" WHITE	LF	36	\$3.00	\$108.00	\$35.00	\$1,260.00	\$6.55	\$235.80	\$6.00	\$216.00	
INSTALL PERMANENT PAINT MARKING- 4" WHITE	LF	500	\$1.00	\$500.00	\$4.25	\$2,125.00	\$1.33	\$665.00	\$1.25	\$625.00	
INSTALL PERMANENT PAINT MARKING SYMBOL- TYPE HANDICAPPED SYMBOL, WHITE	EA	1	\$250.00	\$250.00	\$500.00	\$500.00	\$338.75	\$338.75	\$310.00	\$310.00	
INSTALL HANDICAPPED PARKING SIGN AND POST	EA	1	\$250.00	\$250.00	\$250.00	\$250.00	\$222.13	\$222.13	\$160.00	\$160.00	
CONSTRUCT 18" RCP, CLASS III	LF	104	\$55.00	\$5,720.00	\$58.82	\$6,117.28	\$48.24	\$5,016.96	\$43.00	\$4,472.00	
CONSTRUCT 18" RCP FLARED END SECTION	EA	2	\$800.00	\$1,600.00	\$1,702.35	\$3,404.70	\$811.37	\$1,622.74	\$735.00	\$1,470.00	
CONSTRUCT 18" CMP	LF	242	\$45.00	\$10,890.00	\$52.05	\$12,596.10	\$46.97	\$11,366.74	\$36.00	\$8,712.00	
CONSTRUCT 18" CMP FLARED END SECTION	EA	12	\$400.00	\$4,800.00	\$331.78	\$3,981.36	\$290.06	\$3,360.72	\$425.00	\$5,100.00	
INSTALL PIPE COUPLERS	EA	9	\$100.00	\$900.00	\$102.64	\$923.76	\$66.86	\$601.74	\$100.00	\$900.00	
INSTALL CLASS A/B BLEND RIP RAP	SY	195	\$60.00	\$11,700.00	\$80.00	\$15,600.00	\$103.12	\$20,108.40	\$37.00	\$7,215.00	
CONSTRUCT GEOWEB BOAT AND PADDLESPO RT RAMP	EA	1	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00	\$10,999.02	\$10,999.02	\$22,300.00	\$22,300.00	
CONSTRUCT UNIVERSAL ACCESS LAUNCH	EA	1	\$32,000.00	\$32,000.00	\$35,940.25	\$35,940.25	\$34,717.50	\$34,717.50	\$46,700.00	\$46,700.00	
CONSTRUCT UNIVERSAL LAUNCH HEADWALL AND RAILING	EA	1	\$2,600.00	\$2,600.00	\$7,500.00	\$7,500.00	\$3,157.34	\$3,157.34	\$6,850.00	\$6,850.00	
INSTALL 48" GLACIAL BOULDERS	TN	6	\$300.00	\$1,800.00	\$500.00	\$3,000.00	\$207.30	\$1,243.80	\$320.00	\$1,920.00	
CONSTRUCT VAULT TOILET STRUCTURE	EA	1	\$60,000.00	\$60,000.00	\$85,000.00	\$85,000.00	\$85,779.76	\$85,779.76	\$84,000.00	\$84,000.00	
CONSTRUCT SHELTER STRUCTURE	EA	1	\$36,000.00	\$36,000.00	\$48,000.00	\$48,000.00	\$48,485.95	\$48,485.95	\$48,000.00	\$48,000.00	
CONSTRUCT MONUMENT SIGNAGE AND SOLAR SIGN	EA	1	\$17,000.00	\$17,000.00	\$10,000.00	\$10,000.00	\$14,043.21	\$14,043.21	\$43,000.00	\$43,000.00	
INSTALL ROAD CLOSURE GATE	EA	1	\$2,400.00	\$2,400.00	\$6,732.00	\$6,732.00	\$2,776.66	\$2,776.66	\$3,100.00	\$3,100.00	
CONSTRUCT PADDLE SPORT LANDING	EA	1	\$4,500.00	\$4,500.00	\$15,000.00	\$15,000.00	\$10,713.48	\$10,713.48	\$9,000.00	\$9,000.00	
INSTALL WOOD POST MOUNTED SIGN PANEL	EA	4	\$200.00	\$800.00	\$134.50	\$538.00	\$765.75	\$3,063.00	\$135.76	\$543.04	
INSTALL TIMBER SIGN POST	EA	10	\$375.00	\$3,750.00	\$825.00	\$8,250.00	\$427.27	\$4,272.70	\$700.00	\$7,000.00	
INSTALL U-CHANNEL POST	EA	15	\$125.00	\$1,875.00	\$250.00	\$3,750.00	\$139.97	\$2,099.55	\$75.00	\$1,125.00	
INSTALL STEEL SQUARE POST	EA	4	\$175.00	\$700.00	\$250.00	\$1,000.00	\$171.57	\$686.28	\$90.00	\$360.00	
INSTALL STEEL MESH ROLL FENCING	LF	6,950	\$4.50	\$31,275.00	\$6.75	\$46,912.50	\$4.15	\$28,842.50	\$4.40	\$30,580.00	
INSTALL SOLAR LIGHT POLE FIXTURE	EA	3	\$9,200.00	\$27,600.00	\$2,500.00	\$7,500.00	\$23,236.50	\$69,709.50	\$22,150.00	\$66,450.00	
INSTALL BOLLARD- LAY DOWN	EA	3	\$350.00	\$1,050.00	\$1,250.00	\$3,750.00	\$413.42	\$1,240.26	\$320.00	\$960.00	
INSTALL BENCH SEATING	EA	4	\$600.00	\$2,400.00	\$900.90	\$3,603.60	\$895.02	\$3,580.08	\$800.00	\$3,200.00	
INSTALL PICNIC TABLES - STANDARD	EA	4	\$900.00	\$3,600.00	\$1,625.80	\$6,503.20	\$1,200.85	\$4,803.40	\$1,200.00	\$4,800.00	
INSTALL PICNIC TABLES - ADA	EA	2	\$950.00	\$1,900.00	\$1,598.50	\$3,197.00	\$1,174.74	\$2,349.48	\$1,200.00	\$2,400.00	
INSTALL GRILL	EA	1	\$350.00	\$350.00	\$500.00	\$500.00	\$504.72	\$504.72	\$650.00	\$650.00	
INSTALL PET WASTE REMOVAL POST MOUNT DISPENSER	EA	3	\$300.00	\$900.00	\$550.00	\$1,650.00	\$347.81	\$1,043.43	\$550.00	\$1,650.00	
INSTALL SHRUB PLANT MATERIAL	EA	30	\$70.00	\$2,100.00	\$58.30	\$1,749.00	\$42.21	\$1,266.30	\$55.00	\$1,650.00	
INSTALL TREE PLANT MATERIAL- DECIDUOUS OVER 2" CALIPER	EA	21	\$375.00	\$7,875.00	\$361.90	\$7,599.90	\$352.68	\$7,406.28	\$330.00	\$6,930.00	
INSTALL TREE PLANT MATERIAL - DECIDUOUS UNDER 2" CALIPER AND SMALLER	EA	25	\$350.00	\$8,750.00	\$198.00	\$4,950.00	\$352.68	\$8,817.00	\$185.00	\$4,625.00	
INSTALL TREE PLANT MATERIAL - CONIFEROUS	EA	1	\$375.00	\$375.00	\$352.00	\$352.00	\$322.09	\$322.09	\$330.00	\$330.00	
INSTALL 12" X 12" X .080 ALUMINUM SIGN PANEL	EA	2	\$100.00	\$200.00	\$250.00	\$500.00	\$105.51	\$211.02	\$25.00	\$50.00	
INSTALL 12" X 18" X .080 ALUMINUM SIGN PANEL	EA	33	\$75.00	\$2,475.00	\$250.00	\$8,250.00	\$105.51	\$3,481.83	\$50.00	\$1,650.00	
INSTALL 12" X 24" X .080 ALUMINUM SIGN PANEL	EA	7	\$115.00	\$805.00	\$250.00	\$1,750.00	\$152.16	\$1,065.12	\$75.00	\$525.00	
INSTALL 3' X 4' X 3/16" HDPE SIGN PANEL	EA	3	\$325.00	\$975.00	\$770.00	\$2,310.00	\$777.46	\$2,332.38	\$700.00	\$2,100.00	
INSTALL STOP SIGN	EA	2	\$100.00	\$200.00	\$250.00	\$500.00	\$152.16	\$304.32	\$150.00	\$300.00	

**FISHERIES**

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
EARTHEN EMBANKMENT - CLASS "A"	CY	2,364	\$2.50	\$5,910.00	\$10.00	\$23,640.00	\$5.28	\$12,481.92	\$5.60	\$13,238.40
CLASS "A" ROCK RIPRAP	TN	694	\$60.00	\$41,640.00	\$60.00	\$41,640.00	\$51.91	\$36,025.54	\$63.00	\$43,722.00
CLASS "B" ROCK RIPRAP	TN	2,751	\$60.00	\$165,060.00	\$60.00	\$165,060.00	\$54.00	\$148,554.00	\$60.00	\$165,060.00



Bid Tabulation  
Regional Detention Basins WP-6 7



Papio-Missouri River NRD

Papio-Missouri River NRD										
Bid Opening: 9 October 2018, 10:00 a.m.										
ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
CLASS "C" ROCK RIPRAP	TN	1,153	\$60.00	\$69,180.00	\$60.00	\$69,180.00	\$51.91	\$59,852.23	\$58.00	\$66,874.00
AGGREGATE SURFACING	TN	111	\$30.00	\$3,330.00	\$30.00	\$3,330.00	\$39.67	\$4,403.37	\$43.00	\$4,773.00
5" CONCRETE PAVEMENT	SY	220	\$4.50	\$990.00	\$60.20	\$13,244.00	\$31.55	\$6,941.00	\$40.00	\$8,800.00
GRAVEL	TN	114	\$30.00	\$3,420.00	\$30.00	\$3,420.00	\$72.68	\$8,285.52	\$37.00	\$4,218.00
COBBLE	TN	31	\$40.00	\$1,240.00	\$200.00	\$6,200.00	\$118.53	\$3,674.43	\$85.00	\$2,635.00
GEOTEXTILE FILTER FABRIC	SY	664	\$3.00	\$1,992.00	\$5.00	\$3,320.00	\$2.19	\$1,454.16	\$2.40	\$1,593.60
TREE 18"-36" DIAMETER	EA	90	\$50.00	\$4,500.00	\$250.00	\$22,500.00	\$631.47	\$56,832.30	\$250.00	\$22,500.00
SHEET PILE	SY	168	\$540.00	\$90,720.00	\$451.00	\$75,768.00	\$252.92	\$42,490.56	\$360.00	\$60,480.00
STEEL CAP	LF	80	\$100.00	\$8,000.00	\$110.00	\$8,800.00	\$110.54	\$8,843.20	\$145.00	\$11,600.00
<b>ADDITIONAL ITEMS</b>										
CRACK TESTING	LF	205	\$48.00	\$9,840.00	\$100.00	\$20,500.00	\$5.67	\$1,162.35	\$19.00	\$3,895.00
NON-CEMENTITIOUS GROUT	CF	1,625	\$15.00	\$24,375.00	\$26.88	\$43,680.00	\$26.24	\$42,640.00	\$19.50	\$31,687.50
<b>WP-7 TOTAL</b>				<b>\$4,687,970.60</b>		<b>\$6,053,212.30</b>		<b>\$4,362,225.74</b>		<b>\$4,372,897.39</b>
					<b>Reported</b>	<b>\$6,048,092.30</b>		<b>\$4,362,225.74</b>		<b>\$4,370,537.39</b>
<b>WP-6&amp;7 TOTAL</b>				<b>\$9,452,909.00</b>		<b>\$12,087,931.78</b>		<b>\$10,308,746.41</b>		<b>\$10,392,051.00</b>
					<b>Reported</b>	<b>\$11,971,631.96</b>		<b>\$10,308,746.41</b>		<b>\$10,389,691.00</b>