					LATION OF BI							
					AYS, KANSAS	TOKI						
				REHABILITATE								
					ECT NO: 3-20-0 McDonnell No. 1							
					May 12, 2020							
							Vogts Parga	Construction LLC	Paul-Wertenberger Construction		APAC-Kansas Inc., Shears Division	
					Engineer's Estimate		717 North Main Street Newton, KS 67114		1102 E. 8th Street Hays, KS 67601		820 Canterbury Drive Hays, KS 67601	
ITEM	FAA ITEM			ESTIMATED								
NO.	NO.	DESCRIPTION OF WORK	UNITS	QUANTITY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
		BASE BID NO. 1										
1	C-102-5.1	INSTALLATION AND REMOVAL OF SILT FENCE OR COMPOST FILTER SOCK	LF	100.00	\$7.00	\$700.00	\$9.00	\$900.00	\$10.00	\$1,000.00	\$7.10	\$710.00
2		MOBILIZATION	LS	1.00	\$40,000.00	\$40,000.00	\$67,500.00	\$67,500.00	\$65,000.00	\$65,000.00	\$67,860.00	\$67,860.00
3	P-101-5.1 P-101-5.2	PCC PAVEMENT REMOVAL, FULL DEPTH PAINT REMOVAL	SY SF	1,660.00 1,980.00	\$9.50 \$4.00	\$15,770.00 \$7,920.00	\$7.10 \$8.18	\$11,786.00 \$16,196.40	\$8.00 \$9.00	\$13,280.00 \$17,820.00	\$7.70 \$9.00	\$12,782.00 \$17,820.00
5	P-101-5.3	SAW CUT, FULL DEPTH	LF	2,320.00	\$6.00	\$13,920.00	\$5.50	\$12,760.00	\$6.00	\$13,920.00	\$5.95	\$13,804.00
6	P-102-2.1	TRAFFIC CONTROL	LS	1.00	\$16,000.00	\$16,000.00	\$28,250.00	\$28,250.00	\$35,000.00	\$35,000.00	\$31,000.00	\$31,000.00
7	P-152-4.1 P-209-5.1	UNCLASSIFIED EXCAVATION	CY	50.00	\$50.00 \$18.00	\$2,500.00 \$28,080.00	\$34.00	\$1,700.00 \$25,584.00	\$36.00 \$18.00	\$1,800.00	\$35.50	\$1,775.00 \$28,158.00
8	P-209-5.1 P-209-5.2	6" CRUSHED AGGREGATE BASE COURSE SEPARATION GEOTEXTILE	SY SY	1,560.00 1,560.00	\$18.00	\$28,080.00 \$2,808.00	\$16.40 \$1.50	\$25,584.00 \$2,340.00	\$18.00	\$28,080.00 \$3,120.00	\$18.05 \$1.55	\$28,158.00 \$2,418.00
10	P-501-8.1	CONCRETE PAVEMENT	SY	1,560.00	\$90.00	\$140,400.00	\$74.45	\$116,142.00	\$93.00	\$145,080.00	\$119.80	\$186,888.00
11	P-620-5.1	REFLECTORIZED PAVEMENT MARKING (YELLOW)	SF	1,050.00	\$3.00	\$3,150.00	\$6.46	\$6,783.00	\$7.20	\$7,560.00	\$7.10	\$7,455.00
12	P-620-5.2 P-620-5.3	NON-REFLECTORIZED PAVEMENT MARKING (BLACK) TEMPORARY PAVEMENT MARKING (YELLOW)	SF SF	1,200.00 200.00	\$3.00 \$5.00	\$3,600.00 \$1,000.00	\$5.38 \$4.31	\$6,456.00 \$862.00	\$6.00 \$5.00	\$7,200.00 \$1,000.00	\$5.92 \$4.73	\$7,104.00 \$946.00
13	D-701-5.1	24" EQUIVALENT REINFORCED CONCRETE ARCH PIPE (CLASS A-IV)	LF	1.400.00	\$85.00	\$1,000.00	\$152.70	\$213,780.00	\$170.00	\$238.000.00	\$168.00	\$235,200.00
15	D-701-5.2	24" EQUIVALENT REINFORCED CONCRETE ARCH PIPE END SECTION	EA	2.00	\$1,500.00	\$3,000.00	\$1,025.00	\$2,050.00	\$1,100.00	\$2,200.00	\$1,100.00	\$2,200.00
16	D-703-5.1	12" MODULAR POLYMER CONCRETE GRATED TRENCH DRAIN	LF	246.00	\$320.00	\$78,720.00	\$268.60	\$66,075.60	\$335.00	\$82,410.00	\$402.00	\$98,892.00
17	D-751-5.1 T-901-5.1	AIRFIELD RATED CATCH BASIN SEEDING	EA AC	5.00 0.50	\$6,500.00 \$2,000.00	\$32,500.00 \$1,000.00	\$9,140.00 \$3,375.00	\$45,700.00 \$1,687.50	\$10,000.00 \$9,000.00	\$50,000.00 \$4,500.00	\$10,100.00 \$5,900.00	\$50,500.00 \$2,950.00
18	T-905-5.1	TOPSOIL	CY	17.00	\$45.00	\$765.00	\$35.00	\$595.00	\$9,000.00	\$680.00	\$35.50	\$603.50
20	T-908-5.1	MULCHING	AC	0.50	\$2,000.00	\$1,000.00	\$3,375.00	\$1,687.50	\$9,000.00	\$4,500.00	\$5,900.00	\$2,950.00
		TOTAL COST BASE BID NO. 1					Bid Read	\$628,835.00		\$722,150.00	Bid Read	\$772,015.50
						\$511,833.00	Tabulated	\$628,835.00	Tabulated	\$722,150.00	Tabulated	\$772,015.50
-		BASE BID NO. 2										
1	C-105-6.1	MOBILIZATION	LS	1.00	\$5,000.00	\$5,000.00	\$9,140.00	\$9,140.00	\$5,000.00	\$5,000.00	\$14,365.00	\$14,365.00
2	P-101-5.2	PAINT REMOVAL	SF	6,510.00	\$2.50	\$16,275.00	\$3.24	\$21,092.40	\$4.00	\$26,040.00	\$3.55	\$23,110.50
3	P-102-2.1 P-620-5.1	TRAFFIC CONTROL REFLECTORIZED PAVEMENT MARKING (YELLOW)	LS SF	1.00	\$10,000.00 \$3.00	\$10,000.00 \$5,925.00	\$12,985.00 \$3.23	\$12,985.00 \$6,379.25	\$15,000.00 \$4.00	\$15,000.00 \$7,900.00	\$14,300.00 \$3.55	\$14,300.00 \$7,011.25
5	P-620-5.1 P-620-5.2	NON-REFLECTORIZED PAVEMENT MARKING (YELLOW)	SF	5.835.00	\$3.00	\$5,923.00	\$3.23	\$6,379.23 \$15.696.15	\$4.00	\$7,900.00	\$3.33	\$7,011.25
6	P-620-5.4	REFLECTORIZED PAVEMENT MARKING (WHITE)	SF	100.00	\$3.00	\$300.00	\$3.23	\$323.00	\$4.00	\$400.00	\$3.55	\$355.00
7	P-620-5.5	REFLECTORIZED PAVEMENT MARKING (RED)	SF	570.00	\$3.00	\$1,710.00	\$7.65	\$4,360.50	\$8.50	\$4,845.00	\$8.28	\$4,719.60
		TOTAL COST BASE BID NO. 2					Bid Read	\$69,976.30		\$76,690.00	Bid Read	\$81,132.95
						\$52,338.75	Tabulated	\$69,976.30	Tabulated	\$76,690.00	Tabulated	\$81,132.95
1	C-105-6.1	ADD ALTERNATE NO. 1 (NON-AIP ELIGIBLE) MOBILIZATION	LS	1.00	\$2.000.00	\$2,000.00	\$5,400.00	\$5,400.00	\$6.000.00	\$6,000.00	\$9,990.00	\$9,990.00
2	P-101-5.2	PAINT REMOVAL	SF	3,540.00	\$1.50	\$5,310.00	\$4.63	\$16,390.20	\$6.00	\$21,240.00	\$5.09	\$18,018.60
3	P-102-2.1	TRAFFIC CONTROL	LS	1.00	\$2,500.00	\$2,500.00	\$15,925.00	\$15,925.00	\$20,000.00	\$20,000.00	\$17,525.00	\$17,525.00
4	P-620-5.1	REFLECTORIZED PAVEMENT MARKING (YELLOW)	SF	1,080.00	\$1.50	\$1,620.00	\$3.23	\$3,488.40	\$4.00	\$4,320.00	\$3.55	\$3,834.00
5	P-620-5.2	NON-REFLECTORIZED PAVEMENT MARKING (BLACK)	SF	2,665.00	\$1.25	\$3,331.25	\$2.69	\$7,168.85	\$3.00	\$7,995.00	\$2.96	\$7,888.40
6	P-620-5.4 P-620-5.5	REFLECTORIZED PAVEMENT MARKING (WHITE) REFLECTORIZED PAVEMENT MARKING (RED)	SF SF	70.00 285.00	\$3.00 \$3.00	\$210.00 \$855.00	\$3.25 \$7.53	\$227.50 \$2,146.05	\$4.00 \$9.00	\$280.00 \$2,565.00	\$3.55 \$8.28	\$248.50 \$2,359.80
,	1 020-010		51	200.00	φ3.00	\$655.00	Bid Read	\$50,746.00	φ	\$62,400.00	Bid Read	\$59,864.30
		TOTAL COST BID ALTERNATE NO. 1				\$15,826.25		\$50,746.00		\$62,400.00		\$59,864.30
		ADD ALTERNATE NO. 2 (NON-AIP ELIGIBLE)										
2	C-105-6.1	MOBILIZATION DAINT DEMOVAL	LS SF	1.00	\$25,000.00	\$25,000.00 \$166,567.50	\$25,825.00 \$0.86	\$25,825.00 \$95,498.70	\$24,000.00	\$24,000.00	\$37,250.00 \$0.95	\$37,250.00 \$105,492.75
2	P-101-5.2 P-102-2.1	PAINT REMOVAL TRAFFIC CONTROL	SF	111,045.00	\$1.50 \$15,000.00	\$166,567.50 \$15,000.00	\$0.86 \$17,910.00	\$95,498.70	\$1.00 \$24.000.00	\$111,045.00 \$24,000.00	\$0.95 \$19,750.00	\$105,492.75 \$19,750.00
4	P-620-5.1	REFLECTORIZED PAVEMENT MARKING (YELLOW)	SF	2,295.00	\$15,000.00	\$3,442.50	\$17,910.00	\$3,717.90	\$24,000.00	\$4,590.00	\$19,750.00	\$19,750.00
5	P-620-5.2	NON-REFLECTORIZED PAVEMENT MARKING (BLACK)	SF	23,605.00	\$1.25	\$29,506.25	\$1.07	\$25,257.35	\$1.20	\$28,326.00	\$1.18	\$27,853.90
6	P-620-5.4	REFLECTORIZED PAVEMENT MARKING (WHITE)	SF	43,605.00	\$1.50	\$65,407.50	\$1.62	\$70,640.10	\$2.00	\$87,210.00	\$1.77	\$77,180.85
7	P-620-5.6	NON-REFLECTORIZED PAVEMENT MARKING (WHITE)	SF	39,825.00	\$1.25	\$49,781.25	\$1.07	\$42,612.75	\$1.20 Did Died	\$47,790.00	\$1.18	\$46,993.50
		TOTAL COST BID ALTERNATE NO. 2				\$354,705.00	Bid Read Tabulated	\$281,461.80 \$281.461.80		\$326,961.00 \$326.961.00		\$318,583.15 \$318,583.15
						φ 334 ,703.00	Bid Read	\$1,031,019.10		\$1,188,201.00	Bid Read	\$1,231,595.90
		TOTAL PROJECT COST				\$934,703.00		\$1,031,019.10		\$1,188,201.00		\$1,231,595.90
L						φ 234 ,70 3.0 0	. aouiaicu	φ1,051,019.10	. abuaicu	φ1,100,201.00	. aouiaicu	φ1,201,090.90