

## AS-READ BID SUMMARY

Runway 3/21 Reconstruction  
AIP 3-20-0052-051/052/056  
June 21, 2022, 3:00 PM

BIDDER	ADDENDUM 1-4	BID BOND	TOTAL
<b>Engineer's Estimate</b>			<b>\$43,194,031.80</b>
IHC Scott, Inc.	X	X	\$37,323,866.14
Hawkins Construction Co.	X	X	\$29,281,461.74
Ideker, Inc.	X	X	\$30,642,539.80
Emery Sapp & Sons Inc.	X	X	\$29,975,249.00
Koss Construction Co.	X	X	\$43,324,642.00
Clarkson Construction	X	X	*\$26,902,812.30

\*Updated to reflect correct amount as-read at bid opening.

**BID TABULATION**

Bid Opening Date: June 21, 2022 - 3:00 pm  
 Manhattan Regional Airport, Manhattan, Kansas

Runway 3/21 Reconstruction  
 AIP Project No. 3-20-0052-051/052/056  
 Olsson Project No. 020-1276

CONTRACTOR					Clarkson Kansas City, MO		Hawkins Omaha, NE		Emery Sapp & Sons Inc. Kansas City, MO		Ideker, Inc. St. Joseph, MO	
Item No.	Spec	ITEM	QTY.	UNIT	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$120,000.00	\$120,000.00	\$504,086.06	\$504,086.06	\$585,000.00	\$585,000.00	\$381,000.00	\$381,000.00
2	C-102	Temporary Seeding	91.9	AC	\$500.00	\$45,950.00	\$484.30	\$44,507.17	\$512.50	\$47,098.75	\$287.00	\$26,375.30
3	C-102	Installation and Removal of Silt Fence	9,642	LF	\$2.50	\$24,105.00	\$2.26	\$21,790.92	\$3.10	\$29,890.20	\$2.00	\$19,284.00
4	C-102	Erosion Control Blanket (KDOT Type D)	26,083	SY	\$2.00	\$52,166.00	\$1.95	\$50,861.85	\$2.10	\$54,774.30	\$2.00	\$52,166.00
5	C-102	Installation and Removal of Wattle Barrier	1,315	LF	\$6.00	\$7,890.00	\$5.53	\$7,271.95	\$7.25	\$9,533.75	\$7.00	\$9,205.00
6	C-105	Mobilization [N.T.E. 10%]	1	LS	\$1,054,000.00	\$1,054,000.00	\$2,871,877.99	\$2,871,877.99	\$2,341,949.65	\$2,341,949.65	\$3,030,000.00	\$3,030,000.00
7	P-101	Concrete Pavement Removal	52,276	SY	\$13.00	\$679,588.00	\$17.61	\$920,580.36	\$14.00	\$731,864.00	\$21.00	\$1,097,796.00
8	P-101	Asphalt Pavement Removal	837	SY	\$10.00	\$8,370.00	\$8.79	\$7,357.23	\$45.00	\$37,665.00	\$25.00	\$20,925.00
9	P-101	Marking Removal	2,933	SF	\$2.20	\$6,452.60	\$0.89	\$2,610.37	\$2.50	\$7,332.50	\$2.00	\$5,866.00
10	P-101	Marking Removal for Temporary Threshold	37,610	SF	\$0.50	\$18,805.00	\$0.47	\$17,676.70	\$0.50	\$18,805.00	\$0.40	\$15,044.00
11	P-101	Cold Milling	1,019	SY	\$10.00	\$10,190.00	\$10.53	\$10,730.07	\$44.50	\$45,345.50	\$20.00	\$20,380.00
12	P-101	Underdrain Removal	7,743	LF	\$44.00	\$340,692.00	\$1.31	\$10,143.33	\$5.50	\$42,586.50	\$16.00	\$123,888.00
13	P-101	24" Reinforced Concrete Pipe (RCP) Removal	359	LF	\$42.00	\$15,078.00	\$9.84	\$3,532.56	\$18.00	\$6,462.00	\$38.00	\$13,642.00
14	P-101	30" Reinforced Concrete Pipe (RCP) Removal	230	LF	\$43.00	\$9,890.00	\$12.91	\$2,969.30	\$20.00	\$4,600.00	\$39.00	\$8,970.00
15	P-101	36" Reinforced Concrete Pipe (RCP) Removal	672	LF	\$44.00	\$29,568.00	\$9.84	\$6,612.48	\$22.00	\$14,784.00	\$40.00	\$26,880.00
16	P-101	48" Reinforced Concrete Pipe (RCP) Removal	1,004	LF	\$46.00	\$46,184.00	\$11.25	\$11,295.00	\$26.00	\$26,104.00	\$42.00	\$42,168.00
17	P-101	68" x 43" Reinforced Concrete Pipe (RCP) Removal	405	LF	\$45.00	\$18,225.00	\$91.92	\$37,227.60	\$70.00	\$28,350.00	\$41.00	\$16,605.00
18	P-101	60" x 42" Reinforced Concrete Pipe (RCP) Removal	1,545	LF	\$42.00	\$64,890.00	\$12.15	\$18,771.75	\$30.00	\$46,350.00	\$38.00	\$58,710.00
19	P-101	Manhole Removal	2	EA	\$1,400.00	\$2,800.00	\$1,077.42	\$2,154.84	\$7,500.00	\$15,000.00	\$1,250.00	\$2,500.00
20	P-151	Clearing and Grubbing	3.0	AC	\$19,000.00	\$57,000.00	\$27,321.61	\$81,964.83	\$8,500.00	\$25,500.00	\$17,100.00	\$51,300.00
21	P-151	Clearing	1.1	AC	\$5,500.00	\$6,050.00	\$58,168.78	\$63,985.66	\$70,000.00	\$77,000.00	\$17,500.00	\$19,250.00
22	P-151	Tree Trimming	15	EA	\$1,200.00	\$18,000.00	\$1,965.63	\$29,484.45	\$2,100.00	\$31,500.00	\$2,000.00	\$30,000.00
23	P-151	Tree Trimming - Area A	1	LS	\$18,000.00	\$18,000.00	\$18,819.31	\$18,819.31	\$22,000.00	\$22,000.00	\$7,500.00	\$7,500.00
24	P-151	Tree Trimming - Area B	1	LS	\$20,000.00	\$20,000.00	\$21,412.43	\$21,412.43	\$25,670.00	\$25,670.00	\$15,000.00	\$15,000.00
25	P-151	Tree Trimming - Area C	1	LS	\$19,000.00	\$19,000.00	\$20,551.21	\$20,551.21	\$24,750.00	\$24,750.00	\$7,500.00	\$7,500.00
26	P-151	Tree Trimming - Area D	1	LS	\$73,000.00	\$73,000.00	\$72,961.02	\$72,961.02	\$79,250.00	\$79,250.00	\$2,000.00	\$2,000.00
27	P-151	Tree Trimming - Area E	1	LS	\$14,000.00	\$14,000.00	\$30,901.57	\$30,901.57	\$35,915.00	\$35,915.00	\$7,500.00	\$7,500.00
28	P-152	Drainage Excavation	24,884	CY	\$25.00	\$622,100.00	\$6.11	\$152,041.24	\$10.00	\$248,840.00	\$23.00	\$572,332.00
29	P-152	Embankment in Place	116,816	CY	\$27.00	\$3,154,032.00	\$24.22	\$2,829,283.52	\$10.00	\$1,168,160.00	\$24.50	\$2,861,992.00
30	P-152	Muck Excavation	1,000	CY	\$22.00	\$22,000.00	\$28.43	\$28,430.00	\$34.50	\$34,500.00	\$20.00	\$20,000.00
31	P-153	Controlled Low-Strength Material (CLSM)	342	CY	\$260.00	\$88,920.00	\$152.87	\$52,281.54	\$87.00	\$29,754.00	\$230.00	\$78,660.00
32	P-209	Crushed Aggregate Base Course	38,476	TN	\$30.00	\$1,154,280.00	\$39.87	\$1,534,038.12	\$40.00	\$1,539,040.00	\$36.00	\$1,385,136.00
33	P-209	Separation Geotextile	46,190	SY	\$2.50	\$115,475.00	\$1.61	\$74,365.90	\$2.25	\$103,927.50	\$3.00	\$138,570.00
34	P-215	Concrete Rubblization	122,166	SY	\$3.50	\$427,581.00	\$3.30	\$403,147.80	\$5.00	\$610,830.00	\$2.25	\$274,873.50
35	MHK-300	Stabilized Base Course	17,706	CY	\$81.00	\$1,434,186.00	\$145.47	\$2,575,691.82	\$143.00	\$2,531,958.00	\$124.00	\$2,195,544.00
36	P-501	7" Concrete Pavement (RWY 13/31)	7,877	SY	\$58.00	\$456,866.00	\$50.63	\$398,812.51	\$67.75	\$533,666.75	\$59.00	\$464,743.00
37	P-501	10.5" Concrete Pavement (RWY 3/21, TWY E)	40,845	SY	\$63.00	\$2,573,235.00	\$65.70	\$2,683,516.50	\$65.60	\$2,679,432.00	\$68.00	\$2,777,460.00
38	P-501	12" Concrete Pavement (RWY 3/21)	84,583	SY	\$69.50	\$5,878,518.50	\$72.41	\$6,124,655.03	\$81.15	\$6,863,910.45	\$72.00	\$6,089,976.00
39	P-501	12.5" Concrete Pavement (TWY A, B, C, F, A & RWY 13/31)	31,263	SY	\$81.00	\$2,532,303.00	\$86.56	\$2,706,125.28	\$101.90	\$3,185,699.70	\$91.00	\$2,844,933.00
40	MHK-505	6" Concrete Pavement	1,014	SY	\$55.00	\$55,770.00	\$72.13	\$73,139.82	\$99.50	\$100,893.00	\$82.00	\$83,148.00
41	P-620	Marking w/o Reflective Media	38,397	SF	\$1.10	\$42,236.70	\$0.35	\$13,438.95	\$1.15	\$44,156.55	\$1.00	\$38,397.00
42	P-620	Marking with Reflective Media	144,840	SF	\$1.30	\$188,292.00	\$1.33	\$192,637.20	\$1.35	\$195,534.00	\$1.20	\$173,808.00
43	P-620	Marking - Surface Painted Hold Position Signs (SPHPS)	3,681	SF	\$16.50	\$60,736.50	\$1.84	\$6,773.04	\$16.75	\$61,656.75	\$15.00	\$55,215.00
44	P-621	Runway Grooving	106,889	SY	\$3.50	\$374,111.50	\$2.58	\$275,773.62	\$3.15	\$336,700.35	\$2.50	\$267,222.50
45	F-162	Install and Remove Temporary Chain-Link Fence & Vehicle Gate (Area #1)	1	LS	\$100,000.00	\$100,000.00	\$103,308.27	\$103,308.27	\$105,789.00	\$105,789.00	\$128,500.00	\$128,500.00
46	F-162	Install and Remove Temporary Chain-Link Fence & Vehicle Gate (Area #2)	1	LS	\$70,000.00	\$70,000.00	\$71,126.46	\$71,126.46	\$275,350.00	\$275,350.00	\$79,500.00	\$79,500.00
47	F-162	Chain-Link Fence Removal	140	LF	\$16.00	\$2,240.00	\$52.64	\$7,369.60	\$90.00	\$12,600.00	\$40.00	\$5,600.00
48	F-162	Chain-Link Fence	140	LF	\$110.00	\$15,400.00	\$134.02	\$18,762.80	\$1,075.00	\$150,500.00	\$75.00	\$10,500.00
49	D-701	24" Class V Reinforced Concrete Pipe (RCP)	492	LF	\$123.00	\$60,516.00	\$85.63	\$42,129.96	\$78.00	\$38,376.00	\$110.00	\$54,120.00

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Runway 3/21 Reconstruction  
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 Olsson Project No. 020-1276

CONTRACTOR					Clarkson Kansas City, MO		Hawkins Omaha, NE		Emery Sapp & Sons Inc. Kansas City, MO		Ideker, Inc. St. Joseph, MO	
Item No.	Spec	ITEM	QTY.	UNIT	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
50	D-701	24" Class V RCP Flared End Section	2	EA	\$3,000.00	\$6,000.00	\$6,405.84	\$12,811.68	\$1,350.00	\$2,700.00	\$2,600.00	\$5,200.00
51	D-701	36" Class V Reinforced Concrete Pipe (RCP)	532	LF	\$182.00	\$96,824.00	\$167.71	\$89,221.72	\$128.00	\$68,096.00	\$163.00	\$86,716.00
52	D-701	36" Class V RCP Flared End Section	2	EA	\$5,000.00	\$10,000.00	\$7,446.54	\$14,893.08	\$3,065.00	\$6,130.00	\$4,300.00	\$8,600.00
53	D-701	48" Class V Reinforced Concrete Pipe (RCP)	1,024	LF	\$280.00	\$286,720.00	\$263.64	\$269,967.36	\$223.00	\$228,352.00	\$253.00	\$259,072.00
54	D-701	54" Round Equivalent Class V Reinforced Concrete Pipe (RCP)	528	LF	\$470.00	\$248,160.00	\$334.31	\$176,515.68	\$385.00	\$203,280.00	\$422.00	\$222,816.00
55	D-701	4' x 8' Box Culvert	1	LS	\$150,000.00	\$150,000.00	\$76,339.92	\$76,339.92	\$70,651.00	\$70,651.00	\$140,000.00	\$140,000.00
56	D-705	Edge Drain Riser	70	EA	\$1,000.00	\$70,000.00	\$942.28	\$65,959.60	\$1,439.50	\$100,765.00	\$523.00	\$36,610.00
57	D-705	6" Perforated Underdrain Pipe, Complete	23,441	LF	\$22.00	\$515,702.00	\$21.03	\$492,964.23	\$23.25	\$545,003.25	\$28.00	\$656,348.00
58	D-705	6" Non-Perforated SCH 40 Underdrain Pipe, Complete	791	LF	\$37.00	\$29,267.00	\$35.80	\$28,317.80	\$38.00	\$30,058.00	\$41.00	\$32,431.00
59	D-705	6" Non-Perforated SCH 80 Underdrain Pipe, Complete	418	LF	\$75.00	\$31,350.00	\$71.59	\$29,924.62	\$76.00	\$31,768.00	\$89.00	\$37,202.00
60	D-705	Edge Drain Outlet Structure	5	EA	\$1,200.00	\$6,000.00	\$1,105.47	\$5,527.35	\$1,200.00	\$6,000.00	\$1,250.00	\$6,250.00
61	D-705	Connect Underdrain to Storm Sewer	26	EA	\$900.00	\$23,400.00	\$868.58	\$22,583.08	\$920.00	\$23,920.00	\$523.00	\$13,598.00
62	D-705	Electrical Drain Connection	10	EA	\$550.00	\$5,500.00	\$391.09	\$3,910.90	\$920.00	\$9,200.00	\$2,500.00	\$25,000.00
63	D-751	Inlet #1 (TWY B) - Dual Grate	1	EA	\$10,000.00	\$10,000.00	\$9,431.76	\$9,431.76	\$8,157.00	\$8,157.00	\$8,440.00	\$8,440.00
64	D-751	Inlet #2 (TWY E) - Dual Grate	1	EA	\$10,000.00	\$10,000.00	\$8,965.00	\$8,965.00	\$8,157.00	\$8,157.00	\$8,440.00	\$8,440.00
65	D-751	Inlet #3 (TWY F) - Dual Grate	1	EA	\$14,000.00	\$14,000.00	\$13,452.00	\$13,452.00	\$12,775.00	\$12,775.00	\$11,900.00	\$11,900.00
66	D-751	Headwall - Single RCP	2	EA	\$13,000.00	\$26,000.00	\$14,897.94	\$29,795.88	\$21,100.00	\$42,200.00	\$11,550.00	\$23,100.00
67	D-751	Headwall - Dual RCP	2	EA	\$18,000.00	\$36,000.00	\$30,332.56	\$60,665.12	\$33,450.00	\$66,900.00	\$15,500.00	\$31,000.00
68	D-751	Wingwall - Box Culvert	2	EA	\$16,000.00	\$32,000.00	\$14,207.65	\$28,415.30	\$22,550.00	\$45,100.00	\$14,250.00	\$28,500.00
69	T-901	Seeding - Airfield	90.3	AC	\$1,500.00	\$135,450.00	\$1,468.70	\$132,623.61	\$1,555.00	\$140,416.50	\$2,480.00	\$223,944.00
70	T-901	Seeding - EVT	1.6	AC	\$2,600.00	\$4,160.00	\$2,526.79	\$4,042.86	\$2,675.00	\$4,280.00	\$2,200.00	\$3,520.00
71	T-908	Flexible Growth Fiber Matrix	86.6	AC	\$4,000.00	\$346,400.00	\$3,790.18	\$328,229.59	\$4,012.50	\$347,482.50	\$2,700.00	\$233,820.00
72	L-101	Installation and Removal of Airport Rotating Beacon, in Place	1	LS	\$6,000.00	\$6,000.00	\$4,795.63	\$4,795.63	\$5,077.00	\$5,077.00	\$4,500.00	\$4,500.00
73	L-107	Wind Cone and Foundation Removal	2	EA	\$2,000.00	\$4,000.00	\$1,579.24	\$3,158.48	\$1,900.00	\$3,800.00	\$1,800.00	\$3,600.00
74	L-107	Installation of Wind Cone and Foundation, in Place	2	EA	\$5,000.00	\$10,000.00	\$3,948.11	\$7,896.22	\$4,180.00	\$8,360.00	\$3,750.00	\$7,500.00
75	L-108	1/c No. 8 AWG, 5kV, L-824, Type C Cable, Installed in Conduit	43,972	LF	\$2.50	\$109,930.00	\$2.37	\$104,213.64	\$2.55	\$112,128.60	\$2.25	\$98,937.00
76	L-108	No. 6 AWG, Solid Bare Copper Counterpoise Wire, Installed In Trench, Including Connections/Terminations	32,329	LF	\$5.00	\$161,645.00	\$4.74	\$153,239.46	\$5.00	\$161,645.00	\$4.50	\$145,480.50
77	L-109	15 kW 5-Step Regulator in Existing Vault, in Place	1	LS	\$16,000.00	\$16,000.00	\$14,808.03	\$14,808.03	\$15,675.75	\$15,675.75	\$14,065.00	\$14,065.00
78	L-109	L-854 Radio Control Equipment	1	LS	\$4,200.00	\$4,200.00	\$3,948.11	\$3,948.11	\$4,179.75	\$4,179.75	\$3,750.00	\$3,750.00
79	L-110	Non-Encased Electrical Conduit, 1-Way, 2" SCH 40 Conduit, Minimum 24" Cover	29,098	LF	\$9.00	\$261,882.00	\$8.69	\$252,861.62	\$9.20	\$267,701.60	\$8.25	\$240,058.50
80	L-110	Concrete Encased Electrical Conduit, 1-Way, 2" SCH 80 Conduit, Minimum 36" Cover	2,659	LF	\$16.00	\$42,544.00	\$15.27	\$40,602.93	\$16.15	\$42,942.85	\$14.50	\$38,555.50
81	L-110	Pushed or Directional Bored Electrical Conduit, 1-Way, 2" SCH 80 Conduit, Minimum 36" Cover	572	LF	\$25.00	\$14,300.00	\$23.16	\$13,247.52	\$24.50	\$14,014.00	\$22.00	\$12,584.00
82	L-115	Electrical Junction Structure (L-867B)	10	EA	\$900.00	\$9,000.00	\$894.90	\$8,949.00	\$947.50	\$9,475.00	\$850.00	\$8,500.00
83	L-115	Electrical Junction Structure (L-867D)	1	EA	\$1,100.00	\$1,100.00	\$1,037.04	\$1,037.04	\$1,098.00	\$1,098.00	\$985.00	\$985.00
84	L-125	Temporary Lighted Guidance Sign Panel	4	EA	\$950.00	\$3,800.00	\$894.90	\$3,579.60	\$947.50	\$3,790.00	\$850.00	\$3,400.00
85	L-125	Base-Mounted Light Removal	272	EA	\$600.00	\$163,200.00	\$526.41	\$143,183.52	\$630.00	\$171,360.00	\$550.00	\$149,600.00
86	L-125	In-Pavement Light Removal	10	EA	\$950.00	\$9,500.00	\$894.90	\$8,949.00	\$1,021.00	\$10,210.00	\$850.00	\$8,500.00
87	L-125	Lighted Sign Removal	47	EA	\$800.00	\$37,600.00	\$579.06	\$27,215.82	\$865.00	\$40,655.00	\$700.00	\$32,900.00
88	L-125	L-861 Base-Mounted Runway Light	12	EA	\$1,100.00	\$13,200.00	\$1,079.15	\$12,949.80	\$1,143.00	\$13,716.00	\$1,025.00	\$12,300.00
89	L-125	L-862(L) Base-Mounted Runway Light	69	EA	\$1,600.00	\$110,400.00	\$1,605.56	\$110,783.64	\$1,700.00	\$117,300.00	\$1,525.00	\$105,225.00
90	L-125	L-862E(L) Base-Mounted Threshold Light	24	EA	\$1,700.00	\$40,800.00	\$1,631.88	\$39,165.12	\$1,728.00	\$41,472.00	\$1,550.00	\$37,200.00
91	L-125	L-850C(L) In-Pavement Runway Light	3	EA	\$2,900.00	\$8,700.00	\$2,790.00	\$8,370.00	\$2,953.00	\$8,859.00	\$2,650.00	\$7,950.00
92	L-125	L-861T(L) Base-Mounted Taxiway Light	183	EA	\$1,200.00	\$219,600.00	\$1,131.79	\$207,117.57	\$1,198.00	\$219,234.00	\$1,075.00	\$196,725.00
93	L-125	L-858(L) Lighted Guidance Sign - 1 Module	12	EA	\$2,900.00	\$34,800.00	\$2,790.00	\$33,480.00	\$2,954.00	\$35,448.00	\$2,650.00	\$31,800.00
94	L-125	L-858(L) Lighted Guidance Sign - 2 Module	15	EA	\$3,400.00	\$51,000.00	\$3,211.13	\$48,166.95	\$3,400.00	\$51,000.00	\$3,050.00	\$45,750.00

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Item No.	Spec	ITEM	QTY.	UNIT	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
95	L-125	L-858(L) Lighted Guidance Sign - 3 Module	10	EA	\$3,400.00	\$34,000.00	\$3,237.45	\$32,374.50	\$3,427.00	\$34,270.00	\$3,075.00	\$30,750.00
96	L-125	L-858B(L) Lighted Distance Remaining Sign	6	EA	\$3,400.00	\$20,400.00	\$3,211.13	\$19,266.78	\$3,400.00	\$20,400.00	\$3,050.00	\$18,300.00
97	L-125	Unlighted Sign	3	EA	\$1,600.00	\$4,800.00	\$1,552.92	\$4,658.76	\$1,644.00	\$4,932.00	\$1,475.00	\$4,425.00
98	L-125	RWY 3 PAPI-4L Relocation	1	LS	\$60,000.00	\$60,000.00	\$54,747.08	\$54,747.08	\$68,375.00	\$68,375.00	\$52,000.00	\$52,000.00
99	L-125	RWY 3 MALSR Threshold Relocation	1	LS	\$15,000.00	\$15,000.00	\$14,213.19	\$14,213.19	\$15,045.00	\$15,045.00	\$13,500.00	\$13,500.00
100	L-125	RWY 3 MALSR Vertical Adjustment (Sta: 2+00)	1	LS	\$5,000.00	\$5,000.00	\$4,790.37	\$4,790.37	\$5,072.00	\$5,072.00	\$4,500.00	\$4,500.00
101	L-125	RWY 21 PAPI-4L Relocation	1	LS	\$30,000.00	\$30,000.00	\$21,977.80	\$21,977.80	\$37,688.00	\$37,688.00	\$29,150.00	\$29,150.00
102	L-125	RWY 21 REIL New Installation	1	LS	\$30,000.00	\$30,000.00	\$27,822.05	\$27,822.05	\$30,025.00	\$30,025.00	\$17,000.00	\$17,000.00
103	L-125	RWY 31 PAPI-4L New Installation	1	LS	\$190,000.00	\$190,000.00	\$178,817.66	\$178,817.66	\$195,309.00	\$195,309.00	\$170,000.00	\$170,000.00
104	L-125	RWY 31 VASI Removal	1	LS	\$14,000.00	\$14,000.00	\$2,684.71	\$2,684.71	\$18,350.00	\$18,350.00	\$13,000.00	\$13,000.00
105	OLSSON-100	Taxiway Patch	206	SY	\$150.00	\$30,900.00	\$109.76	\$22,610.56	\$108.00	\$22,248.00	\$268.00	\$55,208.00
106	OLSSON-100	Construct Temporary Crossing (Area 1)	1	LS	\$120,000.00	\$120,000.00	\$108,441.34	\$108,441.34	\$118,906.00	\$118,906.00	\$103,000.00	\$103,000.00
107	OLSSON-100	Construct Temporary Crossing (Area 2)	1	LS	\$75,000.00	\$75,000.00	\$71,592.34	\$71,592.34	\$45,175.00	\$45,175.00	\$60,000.00	\$60,000.00
108	OLSSON-100	Water Line Lowering	1	LS	\$50,000.00	\$50,000.00	\$52,958.39	\$52,958.39	\$67,870.00	\$67,870.00	\$34,450.00	\$34,450.00
109	OLSSON-101	Temporary Safety and Phasing Procedures	1	LS	\$450,000.00	\$450,000.00	\$152,171.59	\$152,171.59	\$485,675.00	\$485,675.00	\$880,000.00	\$880,000.00
110	OLSSON-101	Lighting Temporary Threshold	1	LS	\$4,000.00	\$4,000.00	\$3,369.05	\$3,369.05	\$3,550.00	\$3,550.00	\$3,200.00	\$3,200.00
111	OLSSON-102	Construction Layout and Staking	1	LS	\$90,000.00	\$90,000.00	\$93,701.74	\$93,701.74	\$175,472.00	\$175,472.00	\$130,000.00	\$130,000.00
<b>TOTAL:</b>					\$26,857,926.80		\$29,281,461.74		\$29,975,249.00		\$30,642,539.80	
DBE Participation (6.70% goal):					6.7%		6.7%		6.7%		6.7%	
Bid Guarantee:					5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond	
Addendums No.1 thru 4:					Yes		Yes		Yes		Yes	
Remarks:					Discrepancy due to miscalculation.							

**BID TABULATION**

Bid Opening Date: June 21, 2022 - 3:00 pm  
 Manhattan Regional Airport, Manhattan, Kansas

Runway 3/21 Reconstruction  
 AIP Project No. 3-20-0052-051/052/056  
 Olsson Project No. 020-1276

CONTRACTOR					IHC Scott, Inc. Englewood, CO		Koss Construction Company Topeka, KS	
Item No.	Spec	ITEM	QTY.	UNIT	Unit Price	Extension	Unit Price	Extension
1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$2,048,429.43	\$2,048,429.43	\$1,145,000.00	\$1,145,000.00
2	C-102	Temporary Seeding	91.9	AC	\$1,280.17	\$117,647.62	\$325.00	\$29,867.50
3	C-102	Installation and Removal of Silt Fence	9,642	LF	\$3.93	\$37,893.06	\$2.75	\$26,515.50
4	C-102	Erosion Control Blanket (KDOT Type D)	26,083	SY	\$2.49	\$64,946.67	\$1.50	\$39,124.50
5	C-102	Installation and Removal of Wattle Barrier	1,315	LF	\$9.69	\$12,742.35	\$3.25	\$4,273.75
6	C-105	Mobilization [N.T.E. 10%]	1	LS	\$2,552,240.58	\$2,552,240.58	\$4,318,000.00	\$4,318,000.00
7	P-101	Concrete Pavement Removal	52,276	SY	\$14.00	\$731,864.00	\$13.00	\$679,588.00
8	P-101	Asphalt Pavement Removal	837	SY	\$15.71	\$13,149.27	\$13.00	\$10,881.00
9	P-101	Marking Removal	2,933	SF	\$1.41	\$4,135.53	\$2.25	\$6,599.25
10	P-101	Marking Removal for Temporary Threshold	37,610	SF	\$1.41	\$53,030.10	\$0.43	\$16,172.30
11	P-101	Cold Milling	1,019	SY	\$13.99	\$14,255.81	\$75.00	\$76,425.00
12	P-101	Underdrain Removal	7,743	LF	\$9.01	\$69,764.43	\$7.00	\$54,201.00
13	P-101	24" Reinforced Concrete Pipe (RCP) Removal	359	LF	\$49.67	\$17,831.53	\$42.00	\$15,078.00
14	P-101	30" Reinforced Concrete Pipe (RCP) Removal	230	LF	\$65.85	\$15,145.50	\$42.00	\$9,660.00
15	P-101	36" Reinforced Concrete Pipe (RCP) Removal	672	LF	\$62.76	\$42,174.72	\$43.00	\$28,896.00
16	P-101	48" Reinforced Concrete Pipe (RCP) Removal	1,004	LF	\$63.91	\$64,165.64	\$46.00	\$46,184.00
17	P-101	68" x 43" Reinforced Concrete Pipe (RCP) Removal	405	LF	\$179.37	\$72,644.85	\$45.00	\$18,225.00
18	P-101	60" x 42" Reinforced Concrete Pipe (RCP) Removal	1,545	LF	\$73.44	\$113,464.80	\$42.00	\$64,890.00
19	P-101	Manhole Removal	2	EA	\$3,899.17	\$7,798.34	\$1,400.00	\$2,800.00
20	P-151	Clearing and Grubbing	3.0	AC	\$181,045.91	\$543,137.73	\$25,200.00	\$75,600.00
21	P-151	Clearing	1.1	AC	\$233,035.99	\$256,339.59	\$60,000.00	\$66,000.00
22	P-151	Tree Trimming	15	EA	\$2,778.78	\$41,681.70	\$2,000.00	\$30,000.00
23	P-151	Tree Trimming - Area A	1	LS	\$39,356.64	\$39,356.64	\$19,000.00	\$19,000.00
24	P-151	Tree Trimming - Area B	1	LS	\$43,291.66	\$43,291.66	\$22,000.00	\$22,000.00
25	P-151	Tree Trimming - Area C	1	LS	\$37,774.05	\$37,774.05	\$21,000.00	\$21,000.00
26	P-151	Tree Trimming - Area D	1	LS	\$95,887.44	\$95,887.44	\$75,000.00	\$75,000.00
27	P-151	Tree Trimming - Area E	1	LS	\$46,970.06	\$46,970.06	\$32,000.00	\$32,000.00
28	P-152	Drainage Excavation	24,884	CY	\$11.22	\$279,198.48	\$30.00	\$746,520.00
29	P-152	Embankment in Place	116,816	CY	\$32.46	\$3,791,847.36	\$26.90	\$3,142,350.40
30	P-152	Muck Excavation	1,000	CY	\$69.37	\$69,370.00	\$30.00	\$30,000.00
31	P-153	Controlled Low-Strength Material (CLSM)	342	CY	\$170.65	\$58,362.30	\$250.00	\$85,500.00
32	P-209	Crushed Aggregate Base Course	38,476	TN	\$48.97	\$1,884,169.72	\$73.00	\$2,808,748.00
33	P-209	Separation Geotextile	46,190	SY	\$2.61	\$120,555.90	\$3.00	\$138,570.00
34	P-215	Concrete Rubblization	122,166	SY	\$3.22	\$393,374.52	\$2.80	\$342,064.80
35	MHK-300	Stabilized Base Course	17,706	CY	\$124.99	\$2,213,072.94	\$244.50	\$4,329,117.00
36	P-501	7" Concrete Pavement (RWY 13/31)	7,877	SY	\$66.00	\$519,882.00	\$98.00	\$771,946.00
37	P-501	10.5" Concrete Pavement (RWY 3/21, TWY E)	40,845	SY	\$73.29	\$2,993,530.05	\$99.00	\$4,043,655.00
38	P-501	12" Concrete Pavement (RWY 3/21)	84,583	SY	\$80.77	\$6,831,768.91	\$104.50	\$8,838,923.50
39	P-501	12.5" Concrete Pavement (TWY A, B, C, F, A & RWY 13/31)	31,263	SY	\$115.96	\$3,625,257.48	\$140.00	\$4,376,820.00
40	MHK-505	6" Concrete Pavement	1,014	SY	\$109.72	\$111,256.08	\$90.00	\$91,260.00
41	P-620	Marking w/o Reflective Media	38,397	SF	\$1.28	\$49,148.16	\$1.10	\$42,236.70
42	P-620	Marking with Reflective Media	144,840	SF	\$1.28	\$185,395.20	\$1.30	\$188,292.00
43	P-620	Marking - Surface Painted Hold Position Signs (SPHPS)	3,681	SF	\$5.77	\$21,239.37	\$16.25	\$59,816.25
44	P-621	Runway Grooving	106,889	SY	\$3.73	\$398,695.97	\$3.10	\$331,355.90
45	F-162	Install and Remove Temporary Chain-Link Fence & Vehicle Gate (Area #1)	1	LS	\$264,510.08	\$264,510.08	\$107,000.00	\$107,000.00
46	F-162	Install and Remove Temporary Chain-Link Fence & Vehicle Gate (Area #2)	1	LS	\$182,576.47	\$182,576.47	\$73,000.00	\$73,000.00
47	F-162	Chain-Link Fence Removal	140	LF	\$64.52	\$9,032.80	\$55.00	\$7,700.00
48	F-162	Chain-Link Fence	140	LF	\$1,244.21	\$174,189.40	\$135.00	\$18,900.00
49	D-701	24" Class V Reinforced Concrete Pipe (RCP)	492	LF	\$145.77	\$71,718.84	\$120.00	\$59,040.00

**BID TABULATION**

Bid Opening Date: June 21, 2022 - 3:00 pm  
 Manhattan Regional Airport, Manhattan, Kansas

Runway 3/21 Reconstruction  
 AIP Project No. 3-20-0052-051/052/056  
 Olsson Project No. 020-1276

CONTRACTOR					IHC Scott, Inc. Englewood, CO		Koss Construction Company Topeka, KS	
Item No.	Spec	ITEM	QTY.	UNIT	Unit Price	Extension	Unit Price	Extension
50	D-701	24" Class V RCP Flared End Section	2	EA	\$2,288.43	\$4,576.86	\$2,950.00	\$5,900.00
51	D-701	36" Class V Reinforced Concrete Pipe (RCP)	532	LF	\$257.88	\$137,192.16	\$180.00	\$95,760.00
52	D-701	36" Class V RCP Flared End Section	2	EA	\$4,020.55	\$8,041.10	\$4,700.00	\$9,400.00
53	D-701	48" Class V Reinforced Concrete Pipe (RCP)	1,024	LF	\$404.01	\$413,706.24	\$280.00	\$286,720.00
54	D-701	54" Round Equivalent Class V Reinforced Concrete Pipe (RCP)	528	LF	\$578.27	\$305,326.56	\$460.00	\$242,880.00
55	D-701	4' x 8' Box Culvert	1	LS	\$87,835.80	\$87,835.80	\$152,000.00	\$152,000.00
56	D-705	Edge Drain Riser	70	EA	\$1,191.83	\$83,428.10	\$2,500.00	\$175,000.00
57	D-705	6" Perforated Underdrain Pipe, Complete	23,441	LF	\$24.54	\$575,242.14	\$33.00	\$773,553.00
58	D-705	6" Non-Perforated SCH 40 Underdrain Pipe, Complete	791	LF	\$52.51	\$41,535.41	\$40.00	\$31,640.00
59	D-705	6" Non-Perforated SCH 80 Underdrain Pipe, Complete	418	LF	\$32.70	\$13,668.60	\$50.00	\$20,900.00
60	D-705	Edge Drain Outlet Structure	5	EA	\$1,109.94	\$5,549.70	\$2,700.00	\$13,500.00
61	D-705	Connect Underdrain to Storm Sewer	26	EA	\$1,321.60	\$34,361.60	\$900.00	\$23,400.00
62	D-705	Electrical Drain Connection	10	EA	\$625.64	\$6,256.40	\$540.00	\$5,400.00
63	D-751	Inlet #1 (TWY B) - Dual Grate	1	EA	\$18,799.08	\$18,799.08	\$9,200.00	\$9,200.00
64	D-751	Inlet #2 (TWY E) - Dual Grate	1	EA	\$18,793.09	\$18,793.09	\$9,200.00	\$9,200.00
65	D-751	Inlet #3 (TWY F) - Dual Grate	1	EA	\$18,975.49	\$18,975.49	\$13,000.00	\$13,000.00
66	D-751	Headwall - Single RCP	2	EA	\$18,857.32	\$37,714.64	\$13,000.00	\$26,000.00
67	D-751	Headwall - Dual RCP	2	EA	\$25,797.48	\$51,594.96	\$17,000.00	\$34,000.00
68	D-751	Wingwall - Box Culvert	2	EA	\$17,665.81	\$35,331.62	\$16,000.00	\$32,000.00
69	T-901	Seeding - Airfield	90.3	AC	\$2,921.80	\$263,838.54	\$1,500.00	\$135,450.00
70	T-901	Seeding - EVT	1.6	AC	\$1,506.08	\$2,409.73	\$810.00	\$1,296.00
71	T-908	Flexible Growth Fiber Matrix	86.6	AC	\$6,024.34	\$521,707.84	\$4,200.00	\$363,720.00
72	L-101	Installation and Removal of Airport Rotating Beacon, in Place	1	LS	\$5,849.57	\$5,849.57	\$5,000.00	\$5,000.00
73	L-107	Wind Cone and Foundation Removal	2	EA	\$1,926.31	\$3,852.62	\$1,960.00	\$3,920.00
74	L-107	Installation of Wind Cone and Foundation, in Place	2	EA	\$4,815.78	\$9,631.56	\$4,100.00	\$8,200.00
75	L-108	1/c No. 8 AWG, 5kV, L-824, Type C Cable, Installed in Conduit	43,972	LF	\$2.89	\$127,079.08	\$2.50	\$109,930.00
76	L-108	No. 6 AWG, Solid Bare Copper Counterpoise Wire, Installed In Trench, Including Connections/Terminations	32,329	LF	\$5.78	\$186,861.62	\$4.95	\$160,028.55
77	L-109	15 kW 5-Step Regulator in Existing Vault, in Place	1	LS	\$18,062.40	\$18,062.40	\$15,400.00	\$15,400.00
78	L-109	L-854 Radio Control Equipment	1	LS	\$4,815.78	\$4,815.78	\$4,100.00	\$4,100.00
79	L-110	Non-Encased Electrical Conduit, 1-Way, 2" SCH 40 Conduit, Minimum 24" Cover	29,098	LF	\$10.59	\$308,147.82	\$9.00	\$261,882.00
80	L-110	Concrete Encased Electrical Conduit, 1-Way, 2" SCH 80 Conduit, Minimum 36" Cover	2,659	LF	\$18.62	\$49,510.58	\$15.90	\$42,278.10
81	L-110	Pushed or Directional Bored Electrical Conduit, 1-Way, 2" SCH 80 Conduit, Minimum 36" Cover	572	LF	\$28.25	\$16,159.00	\$24.00	\$13,728.00
82	L-115	Electrical Junction Structure (L-867B)	10	EA	\$1,091.58	\$10,915.80	\$930.00	\$9,300.00
83	L-115	Electrical Junction Structure (L-867D)	1	EA	\$1,264.95	\$1,264.95	\$1,100.00	\$1,100.00
84	L-125	Temporary Lighted Guidance Sign Panel	4	EA	\$1,091.58	\$4,366.32	\$930.00	\$3,720.00
85	L-125	Base-Mounted Light Removal	272	EA	\$642.10	\$174,651.20	\$600.00	\$163,200.00
86	L-125	In-Pavement Light Removal	10	EA	\$1,091.58	\$10,915.80	\$930.00	\$9,300.00
87	L-125	Lighted Sign Removal	47	EA	\$706.31	\$33,196.57	\$770.00	\$36,190.00
88	L-125	L-861 Base-Mounted Runway Light	12	EA	\$1,316.31	\$15,795.72	\$1,100.00	\$13,200.00
89	L-125	L-862(L) Base-Mounted Runway Light	69	EA	\$1,958.42	\$135,130.98	\$1,700.00	\$117,300.00
90	L-125	L-862E(L) Base-Mounted Threshold Light	24	EA	\$1,990.52	\$47,772.48	\$1,700.00	\$40,800.00
91	L-125	L-850C(L) In-Pavement Runway Light	3	EA	\$3,403.15	\$10,209.45	\$2,900.00	\$8,700.00
92	L-125	L-861T(L) Base-Mounted Taxiway Light	183	EA	\$1,380.53	\$252,636.99	\$1,200.00	\$219,600.00
93	L-125	L-858(L) Lighted Guidance Sign - 1 Module	12	EA	\$3,403.15	\$40,837.80	\$2,900.00	\$34,800.00
94	L-125	L-858(L) Lighted Guidance Sign - 2 Module	15	EA	\$3,916.84	\$58,752.60	\$3,300.00	\$49,500.00

**BID TABULATION**

Bid Opening Date: June 21, 2022 - 3:00 pm  
 Manhattan Regional Airport, Manhattan, Kansas

Runway 3/21 Reconstruction  
 AIP Project No. 3-20-0052-051/052/056  
 Olsson Project No. 020-1276

CONTRACTOR					IHC Scott, Inc. Englewood, CO		Koss Construction Company Topeka, KS	
Item No.	Spec	ITEM	QTY.	UNIT	Unit Price	Extension	Unit Price	Extension
95	L-125	L-858(L) Lighted Guidance Sign - 3 Module	10	EA	\$3,948.94	\$39,489.40	\$3,400.00	\$34,000.00
96	L-125	L-858B(L) Lighted Distance Remaining Sign	6	EA	\$3,916.84	\$23,501.04	\$3,300.00	\$19,800.00
97	L-125	Unlighted Sign	3	EA	\$1,894.21	\$5,682.63	\$1,600.00	\$4,800.00
98	L-125	RWY 3 PAPI-4L Relocation	1	LS	\$68,821.51	\$68,821.51	\$57,000.00	\$57,000.00
99	L-125	RWY 3 MALSR Threshold Relocation	1	LS	\$17,336.82	\$17,336.82	\$15,000.00	\$15,000.00
100	L-125	RWY 3 MALSR Vertical Adjustment (Sta: 2+00)	1	LS	\$5,843.15	\$5,843.15	\$5,000.00	\$5,000.00
101	L-125	RWY 21 PAPI-4L Relocation	1	LS	\$30,391.47	\$30,391.47	\$32,000.00	\$32,000.00
102	L-125	RWY 21 REIL New Installation	1	LS	\$34,008.17	\$34,008.17	\$30,000.00	\$30,000.00
103	L-125	RWY 31 PAPI-4L New Installation	1	LS	\$218,116.46	\$218,116.46	\$186,000.00	\$186,000.00
104	L-125	RWY 31 VASI Removal	1	LS	\$3,633.10	\$3,633.10	\$14,000.00	\$14,000.00
105	OLSSON-100	Taxiway Patch	206	SY	\$262.51	\$54,077.06	\$775.00	\$159,650.00
106	OLSSON-100	Construct Temporary Crossing (Area 1)	1	LS	\$109,755.48	\$109,755.48	\$124,000.00	\$124,000.00
107	OLSSON-100	Construct Temporary Crossing (Area 2)	1	LS	\$42,811.04	\$42,811.04	\$76,000.00	\$76,000.00
108	OLSSON-100	Water Line Lowering	1	LS	\$93,401.09	\$93,401.09	\$110,000.00	\$110,000.00
109	OLSSON-101	Temporary Safety and Phasing Procedures	1	LS	\$382,498.50	\$382,498.50	\$880,000.00	\$880,000.00
110	OLSSON-101	Lighting Temporary Threshold	1	LS	\$4,109.47	\$4,109.47	\$3,500.00	\$3,500.00
111	OLSSON-102	Construction Layout and Staking	1	LS	\$572,172.27	\$572,172.27	\$217,000.00	\$217,000.00
<b>TOTAL:</b>					\$37,323,866.14		\$43,324,642.00	
DBE Participation (6.70% goal):					6.7%		6.7%	
Bid Guarantee:					5% Bid Bond		5% Bid Bond	
Addendums No.1 thru 4:					Yes		Yes	
Remarks:								