

AGENDA ITEM

June 6, 2023

Subject:

Department: Administration

Sealed bids were solicited for the rehabilitation of the Nevada Municipal Airport Crosswind Runway. The project was split into three separate bidding items:

- Base Bid: Groundwork, Erosion Control, Clean-up, etc.
- Alternate NO. 1: Concrete paving
- Alternate NO. 2: Asphalt paving
- Alternate NO. 3: Stripping of Runway 2-20

Bid results:

Company	Bid Type	Bid Total
Emery Sapp & Sons, Springfield, MO	Base + Alt 1 + Alt 3	\$4,061,147.79
	Base + Alt 2 + Alt 3	\$2,482,488.83
Clarkson, Kansas City, MO	Base + Alt 1 + Alt 3	\$3,369,720.20
Amino Brothers, Kansas City, MO	Base + Alt 1 + Alt 3	\$3,459,126.25

After review and tabulations of the bids (see attached bid tabulations) the Airport Board and Lockner recommend awarding the runway project to the low bidder, Emery Sapp & Sons, Springfield, MO for Asphalt paving and 2-20 Runway Stripping in the amount of \$2,482,488,83

Manager Notes:

- This project is funded through MoDot and FAA with the city responsible for a 5% match. Preliminary figures show our match about \$135,000 for a 2.7 million dollar project. Our match will come from a Statewide Transportation Assistance Revolving (STAR) Fund that has a very low interest and is paid back over a 10-year period.

RESOLUTION NO. 1715

A RESOLUTION OF THE CITY OF NEVADA, MISSOURI, ACCEPTING BID AND AUTHORIZING THE AWARD OF CONTRACT TO EMERY SAPP AND SONS, SPRINGFIELD, MISSOURI, CONTINGENT UPON RECEIPT AND EXECUTION OF GRANT AGREEMENT WITH THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION FOR RE-CONSTRUCTION OF RUNWAY 13-31

WHEREAS, Bids were solicited for improvements to Runway 13-31 at the Nevada Municipal Airport, known as the Crosswind runway and;

WHEREAS, Bids were open on May 17, 2023, with Emery Sapp & Sons, Springfield, Missouri providing the best and lowest responsible bid for the designated public improvement and;

WHEREAS, The Airport Board met on May 23, 2023 to review the bids and voted unanimously to award Emery Sapp and Sons the project.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NEVADA, MISSOURI AS FOLLOWS:

That the Base Bid plus Alternate Number 2 and Alternate Number 3 from Emery Sapp and Sons for the Reconstruction of Runway 13-31 and stripping of Runway 2-20 in the amount of \$2, 482,488.83 is hereby accepted contingent upon the approval of funding from the Federal Aviation Administration and Missouri Highways and Transportation Commission.

PASSED, APPROVED AND ADOPTED, by the City Council of the City of Nevada, Missouri, this 6th day of June 2023.

(seal)

KENDALL VICKERS, MAYOR

ATTEST:

CYNTHIA DYE, CITY CLERK

TOTAL PROJECT BUDGET
NEVADA MUNICIPAL AIRPORT (NVD)
NEVADA, MISSOURI

MoDOT Project No. 21-082A-3 / AIR 216-082A-1

BASE BID

RECONSTRUCT RUNWAY 13-31 AND APRON CONNECTING TAXIWAY
INSTALL UNDERDRAINS

ADD ALTERNATE NO. 2
ASPHALT PAVEMENT OPTION

ADD ALTERNATE NO. 3
REMARK RUNWAY 2-20

May 22, 2023

PROJECT FUNDING

FFY 2023 NPE Funding

MoDOT Federal Share (90%)	\$	109,970
MoDOT State Share (5%)	\$	6,110
Local (5%)	\$	6,110
Subtotal	\$	122,189

FFY 2024 NPE Funding

MoDOT Federal Share (90%)	\$	150,000
MoDOT State Share (5%)	\$	8,334
Local (5%)	\$	8,333
Subtotal	\$	166,667

Discretionary Funding

MoDOT Federal Share (90%)	\$	2,023,830
MoDOT State Share (5%)	\$	112,435
Local (5%)	\$	112,435
Subtotal	\$	2,248,700

FFY 2022 BIL Funding

MoDOT Federal Share (90%)	\$	159,000
MoDOT State Share (5%)	\$	8,833
Local (5%)	\$	8,834
Subtotal	\$	176,667

FFY 2023 BIL Funding

MoDOT Federal Share (90%) (NTE \$145,000)	\$	1,230
MoDOT State Share (5%)	\$	68
Local (5%)	\$	68
Subtotal	\$	1,366

TOTAL FUNDING (EST.) \$ 2,715,589

PROJECT COSTS (DISCRETIONARY AND AIP)	Local Cost (5%)	MoDOT Cost (State Only Funding) (5%)	MoDOT Cost (Block Grant Funding) (90%)	Total Cost
<u>Administrative</u>				
Legal & Advertising (Est.)	\$ 20.00	\$ 20.00	\$ 360.00	\$ 400.00
Independent Fee Estimate (Est.)	\$ 180.00	\$ 180.00	\$ 3,240.00	\$ 3,600.00
Subtotal	\$ 200.00	\$ 200.00	\$ 3,600.00	\$ 4,000.00
<u>Engineering - Design Services</u>				
Basic Services	\$ 2,212.50	\$ 2,212.50	\$ 39,825.00	\$ 44,250.00
Special Services	\$ 467.50	\$ 467.50	\$ 8,415.00	\$ 9,350.00
Subtotal	\$ 2,680.00	\$ 2,680.00	\$ 48,240.00	\$ 53,600.00
<u>Engineering - Construction Services</u>				
Construction Services (Est.)	\$ 8,775.00	\$ 8,775.00	\$ 157,950.00	\$ 175,500.00
Subtotal	\$ 8,775.00	\$ 8,775.00	\$ 157,950.00	\$ 175,500.00
<u>Construction</u>				
Construction Costs (Base Bid) (Emery Sapp)	\$ 69,371.15	\$ 69,371.15	\$ 1,248,680.62	\$ 1,387,422.91
Construction Costs (Add Alternate No. 2) (Emery Sapp)	\$ 45,851.68	\$ 45,851.68	\$ 825,330.15	\$ 917,033.50
Subtotal	\$ 115,222.82	\$ 115,222.82	\$ 2,074,010.77	\$ 2,304,456.41

PROJECT COSTS (BIL)	Local Cost (5%)	MoDOT Cost (State Only Funding) (5%)	MoDOT Cost (Block Grant Funding) (90%)	Total Cost
<u>Construction</u>				
Construction Costs (Add Alternate No. 3) (Emery Sapp)	\$ 8,901.62	\$ 8,901.62	\$ 160,229.18	\$ 178,032.42
Subtotal	\$ 8,901.62	\$ 8,901.62	\$ 160,229.18	\$ 178,032.42

TOTAL PROJECT COSTS (EST.) \$ 135,780 \$ 135,779 \$ 2,444,030 \$ 2,715,589

TABULATION OF BIDS

NEVADA MUNICIPAL AIRPORT (NVD) NEVADA, MISSOURI

BASE BID
RECONSTRUCT RUNWAY 13-31 AND APRON CONNECTING TAXIWAY
INSTALL UNDERDRAINS

ADD ALTERNATE NO. 1
CONCRETE PAVEMENT OPTION

ADD ALTERNATE NO. 2
ASPHALT PAVEMENT OPTION

ADD ALTERNATE NO. 3
REMARK RUNWAY 2-20

MoDOT Project No. 21-082A-3 / AIR 216-082A-1

Bids Received: 5/17/2023
Lochner Job No.: 17191 TO3

Bids Tabulated By: TR
Date: 5/17/2023

Bids Checked By: REM
Date: 5/17/2023



Item No.	Item Description	Quantity	Unit	Engineer's Estimate		Emery Sapp and Sons, Inc. 5350 E. State Hwy AA Springfield, MO 65803		Clarkson Construction Company 4133 Gardner Avenue Kansas City, MO 64120		Amino Brothers Co., Inc. 8110 Kaw Drive P.O. Box 11277 Kansas City, KS 66111	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
BASE BID											
1	Erosion Control Barrier (Silt Fence)	1,105	L.F.	\$ 5.00	\$ 5,525.00	\$ 3.85	\$ 4,254.25	\$ 3.50	\$ 3,867.50	\$ 4.00	\$ 4,420.00
2	Erosion Control Barrier (Straw Wattle)	315	L.F.	\$ 5.00	\$ 1,575.00	\$ 5.51	\$ 1,735.65	\$ 4.50	\$ 1,417.50	\$ 6.00	\$ 1,890.00
3	Stabilized Construction Exit	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 4,792.31	\$ 4,792.31	\$ 10,000.00	\$ 10,000.00	\$ 5,600.00	\$ 5,600.00
4	Mobilization (NTE 10% of Total Bid Amount)	1	L.S.	\$ 164,233.75	\$ 164,233.75	\$ 120,719.66	\$ 120,719.66	\$ 334,000.00	\$ 334,000.00	\$ 158,000.00	\$ 158,000.00
5	Temporary Marking, Lighting, and Barricades	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 113,662.76	\$ 113,662.76	\$ 35,000.00	\$ 35,000.00	\$ 14,500.00	\$ 14,500.00
6	Saw Cut	226	L.F.	\$ 5.00	\$ 1,130.00	\$ 3.85	\$ 870.10	\$ 11.00	\$ 2,486.00	\$ 9.00	\$ 2,034.00
7	Remove Existing Asphalt Pavement and Aggregate Base	11,324	S.Y.	\$ 5.00	\$ 56,620.00	\$ 3.22	\$ 36,463.28	\$ 7.00	\$ 79,268.00	\$ 6.00	\$ 67,944.00
8	Remove Existing Concrete Pavement and Aggregate Base	854	S.Y.	\$ 10.00	\$ 8,540.00	\$ 8.48	\$ 7,241.92	\$ 19.00	\$ 16,226.00	\$ 10.00	\$ 8,540.00
9	Remove Existing Drainage Pipe, Underdrain Pipe, and Area Inlet	1	L.S.	\$ 15,000.00	\$ 15,000.00	\$ 9,682.54	\$ 9,682.54	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
10	Unsuitable Subgrade Removal and Replacement	800	C.Y.	\$ 15.00	\$ 12,000.00	\$ 52.46	\$ 41,968.00	\$ 55.00	\$ 44,000.00	\$ 43.00	\$ 34,400.00
11	Treated Subgrade (12")	17,650	S.Y.	\$ 10.00	\$ 176,500.00	\$ 9.90	\$ 174,735.00	\$ 17.00	\$ 300,050.00	\$ 8.75	\$ 154,437.50
12	Aggregate Base Course (6")	17,650	S.Y.	\$ 12.00	\$ 211,800.00	\$ 24.43	\$ 431,189.50	\$ 17.00	\$ 300,050.00	\$ 32.00	\$ 564,800.00
13	Surface Preparation, Pavement Marking Removal	791	S.F.	\$ 5.00	\$ 3,955.00	\$ 5.51	\$ 4,358.41	\$ 6.50	\$ 5,141.50	\$ 6.00	\$ 4,746.00
14	Temporary Non-ReflectORIZED Pavement Marking (White)	3,208	S.F.	\$ 2.25	\$ 7,218.00	\$ 2.20	\$ 7,057.60	\$ 1.00	\$ 3,208.00	\$ 2.25	\$ 7,218.00
15	Temporary Non-ReflectORIZED Pavement Marking (Yellow)	839	S.F.	\$ 2.25	\$ 1,887.75	\$ 2.20	\$ 1,845.80	\$ 2.00	\$ 1,678.00	\$ 2.50	\$ 2,097.50
16	Permanent ReflectORIZED Pavement Marking (White)	3,208	S.F.	\$ 2.50	\$ 8,020.00	\$ 3.30	\$ 10,586.40	\$ 4.00	\$ 12,832.00	\$ 2.25	\$ 7,218.00
17	Permanent ReflectORIZED Pavement Marking (Yellow)	839	S.F.	\$ 2.50	\$ 2,097.50	\$ 3.30	\$ 2,768.70	\$ 7.00	\$ 5,873.00	\$ 2.50	\$ 2,097.50
18	Permanent Non-ReflectORIZED Pavement Marking (Black)	3,194	S.F.	\$ 2.25	\$ 7,186.50	\$ 2.75	\$ 8,783.50	\$ 3.00	\$ 9,582.00	\$ 2.25	\$ 7,186.50
19	24" Storm Pipe	548	L.F.	\$ 120.00	\$ 65,760.00	\$ 101.65	\$ 55,704.20	\$ 110.00	\$ 60,280.00	\$ 94.50	\$ 51,786.00
20	24" End Section	5	EA.	\$ 1,600.00	\$ 8,000.00	\$ 2,183.47	\$ 10,917.35	\$ 3,600.00	\$ 18,000.00	\$ 663.00	\$ 3,315.00
21	Perforated Underdrain (4")	4,920	L.F.	\$ 40.00	\$ 196,800.00	\$ 18.28	\$ 89,937.60	\$ 40.00	\$ 196,800.00	\$ 36.00	\$ 177,120.00
22	Non-Perforated Outlet Pipe (Sch. 40) (4")	271	L.F.	\$ 45.00	\$ 12,195.00	\$ 24.99	\$ 6,772.29	\$ 41.00	\$ 11,111.00	\$ 41.00	\$ 11,111.00
23	Non-Perforated Outlet Pipe (Sch. 80) (4")	63	L.F.	\$ 50.00	\$ 3,150.00	\$ 52.90	\$ 3,332.70	\$ 31.00	\$ 1,953.00	\$ 52.00	\$ 3,276.00
24	Underdrain Cleanout Riser	10	EA.	\$ 1,200.00	\$ 12,000.00	\$ 3,052.31	\$ 30,523.10	\$ 1,500.00	\$ 15,000.00	\$ 1,100.00	\$ 11,000.00
25	Splash Pad	2	EA.	\$ 1,200.00	\$ 2,400.00	\$ 1,239.08	\$ 2,478.16	\$ 4,900.00	\$ 9,800.00	\$ 900.00	\$ 1,800.00
26	Connect Underdrain to Storm Pipe	3	EA.	\$ 500.00	\$ 1,500.00	\$ 1,178.51	\$ 3,535.53	\$ 1,700.00	\$ 5,100.00	\$ 1,200.00	\$ 3,600.00
27	Area Inlet (4' x 4')	1	EA.	\$ 20,000.00	\$ 20,000.00	\$ 12,179.08	\$ 12,179.08	\$ 17,000.00	\$ 17,000.00	\$ 7,100.00	\$ 7,100.00
28	Erosion Control Blanket (Type 2C)	33,914	S.Y.	\$ 2.25	\$ 76,306.50	\$ 1.93	\$ 65,454.02	\$ 2.25	\$ 76,306.50	\$ 2.00	\$ 67,828.00
29	Permanent Transition Mat	160	S.F.	\$ 30.00	\$ 4,800.00	\$ 27.53	\$ 4,404.80	\$ 20.00	\$ 3,200.00	\$ 28.50	\$ 4,560.00
30	Temporary Seeding	21.6	Acre	\$ 1,500.00	\$ 32,400.00	\$ 275.35	\$ 5,947.56	\$ 1,300.00	\$ 28,080.00	\$ 285.00	\$ 6,156.00
31	Permanent Seeding	21.6	Acre	\$ 2,000.00	\$ 43,200.00	\$ 1,376.76	\$ 29,738.02	\$ 1,600.00	\$ 34,560.00	\$ 1,400.00	\$ 30,240.00
32	Placement of Topsoil (Obtained on Site)	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 63,682.42	\$ 63,682.42	\$ 46,000.00	\$ 46,000.00	\$ 100,000.00	\$ 100,000.00
33	Hydro-Mulch (Revised per Addendum No. 1)	14.6	Acre	\$ 2,000.00	\$ 29,200.00	\$ 1,376.76	\$ 20,100.70	\$ 2,700.00	\$ 39,420.00	\$ 1,400.00	\$ 20,440.00
BASE BID - SUBTOTAL				\$	1,231,000.00	\$	1,387,422.91	\$	1,747,290.00	\$	1,556,461.00

LOCHNER

				Engineer's Estimate		Emery Sapp and Sons, Inc. 5350 E. State Hwy AA Springfield, MO 65803		Clarkson Construction Company 4133 Gardner Avenue Kansas City, MO 64120		Amino Brothers Co., Inc. 8110 Kaw Drive P.O. Box 11277 Kansas City, KS 66111	
Item No.	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
ADD ALTERNATE NO. 1											
1	Contractor Quality Control Program (CQCP)	1	L.S.	\$ 41,260.00	\$ 41,260.00	\$ 39,970.20	\$ 39,970.20	\$ 40,000.00	\$ 40,000.00	\$ 63,500.00	\$ 63,500.00
2	Unclassified Excavation	8,650	C.Y.	\$ 12.00	\$ 103,800.00	\$ 16.25	\$ 140,562.50	\$ 14.00	\$ 121,100.00	\$ 14.25	\$ 123,262.50
3	P.C.C. Pavement (6")	17,032	S.Y.	\$ 70.00	\$ 1,192,240.00	\$ 135.93	\$ 2,315,159.76	\$ 75.00	\$ 1,277,400.00	\$ 95.50	\$ 1,626,556.00
ADD ALTERNATE NO. 1 - SUBTOTAL					\$ 1,337,300.00		\$ 2,495,692.46		\$ 1,438,500.00		\$ 1,813,318.50
ADD ALTERNATE NO. 2											
1	Contractor Quality Control Program (CQCP)	1	L.S.	\$ 44,710.00	\$ 44,710.00	\$ 19,509.05	\$ 19,509.05				
2	Embankment In Place	9,500	C.Y.	\$ 12.00	\$ 114,000.00	\$ 14.15	\$ 134,425.00				
3	Asphalt Surface Course (3")	2,844	Ton	\$ 150.00	\$ 426,600.00	\$ 254.65	\$ 724,224.60				
4	Emulsified Asphalt Prime Coat	5,095	Gal.	\$ 6.00	\$ 30,570.00	\$ 7.63	\$ 38,874.85				
ADD ALTERNATE NO. 2 - SUBTOTAL					\$ 615,880.00		\$ 917,033.50		No Bid		No Bid
ADD ALTERNATE NO. 3											
1	Surface Preparation, Pavement Marking Removal	42,262	S.F.	\$ 2.25	\$ 95,089.50	\$ 1.65	\$ 69,732.30	\$ 2.00	\$ 84,524.00	\$ 1.00	\$ 42,262.00
2	Permanent ReflectORIZED Pavement Marking (Yellow)	1,279	S.F.	\$ 2.50	\$ 3,197.50	\$ 3.30	\$ 4,220.70	\$ 7.00	\$ 8,953.00	\$ 1.00	\$ 1,279.00
3	Permanent ReflectORIZED Pavement Marking (White)	25,447	S.F.	\$ 2.50	\$ 63,617.50	\$ 3.03	\$ 77,104.41	\$ 2.60	\$ 66,162.20	\$ 1.00	\$ 25,447.00
4	Permanent Non-ReflectORIZED Pavement Marking (Yellow)	246	S.F.	\$ 2.50	\$ 615.00	\$ 11.56	\$ 2,843.76	\$ 6.00	\$ 1,476.00	\$ 2.50	\$ 615.00
5	Permanent Non-ReflectORIZED Pavement Marking (Black)	8,775	S.F.	\$ 2.50	\$ 21,937.50	\$ 2.75	\$ 24,131.25	\$ 2.60	\$ 22,815.00	\$ 2.25	\$ 19,743.75
ADD ALTERNATE NO. 3 - SUBTOTAL					\$ 184,457.00		\$ 178,032.42		\$ 183,930.20		\$ 89,346.75
BASE BID + ADD ALTERNATE NO. 1 TOTAL					\$ 2,568,300.00		\$ 3,883,115.37		\$ 3,185,790.00		\$ 3,369,779.50
BASE BID + ADD ALTERNATE NO. 2 TOTAL					\$ 1,846,880.00		\$ 2,304,456.41		No Bid		No Bid
BASE BID + ADD ALTERNATE NO. 1 + ADD ALTERNATE NO. 3 TOTAL					\$ 2,752,757.00		\$ 4,061,147.79		\$ 3,369,720.20		\$ 3,459,126.25
BASE BID + ADD ALTERNATE NO. 2 + ADD ALTERNATE NO. 3 TOTAL					\$ 2,031,337.00		\$ 2,482,488.83		No Bid		No Bid

