

**MADISON MUNICIPAL AIRPORT BOARD
AGENDA**

March 21, 2023

6:00pm - Airport Lobby - 1600 Airport Drive

Call to Order

Approve February 21, 2023 Minutes

Approve March 21, 2023 Agenda

Appearances/Acknowledgements/Correspondence

1) Acknowledge KLJ Status Report – February 2023

Unfinished Business

New Business

1) 2023 Construction Items

a) March 10 Bid Opening – ASCO

b) Bid Tabulation

c) Letter of Recommendation

d) Summary of Project Costs

2) Forced Landing – March 14

3) Ratify Bills – February 15, March 1, March 8

Public Comment

Announcements

1) Next Meeting – April 18, 2023

2) 2023 SD Airports Conference – March 29 & 30 – Deadwood – Morris, Myron, Tim

Adjourn

If special accommodations are necessary to attend any Madison Municipal Airport Board meeting, please contact the Finance Office at (605) 256-7500 at least 24 hours before meeting time. All attempts shall be made to accommodate a request.

MADISON MUNICIPAL AIRPORT BOARD
MINUTES
February 21, 2023
6:00pm - Airport Lobby - 1600 Airport Drive

Call to Order – 18:00 hrs

Roll Call – Present: Morris Riggin, Tim Peters, Roy Brown, Myron Downs, Ken Johnson, ex-officio George Colombe. **Absent:** Commissioner Shaw, Dave Gilbert

Approve January 17, 2023 Minutes: Motion to approve Minutes by Myron, 2nd by Tim; Motion carried.

Approve February 21, 2023 Agenda: Motion to approve Agenda by Tim, 2nd by Myron; Motion carried.

Appearances/Acknowledgements/Correspondence

Acknowledge KLJ Status Report – January 2023: Ken reviewed the KLJ report with the Board; No action required.

Unfinished Business

Riggin Flight Service Hangar: Morris plans to lease the plot next to Dan Smith's hangar and put up a 60 X 60 hangar with a 16- or 18-foot side wall.

AG Aircraft Loading Area: Morris is going to visit with AG sprayers about locating to the left and right sides of runway 03 approach area. They will be located to the west and will not interfere with runway 03 operations.

New Business

Ratify Bills – January 11, January 25, January 31, February 1, February 8: Motion to ratify bills as presented by Myron, 2nd by Roy; Motion carried.

Public Comment

Announcements

1) Next Meeting – March 21, 2023

2) 2023 SD Airports Conference – March 29 & 30 – Deadwood – Morris, Myron, Tim

Adjourn – Motion to adjourn by Ken at 18:15 hrs.

If special accommodations are necessary to attend any Madison Municipal Airport Board meeting, please contact the Finance Office at (605) 256-7500 at least 24 hours before meeting time. All attempts shall be made to accommodate a request.



Airport Project Status Report

February 24, 2023

Madison Municipal Airport

CLIENT CONTACT PERSONS AND ADDRESSES

Morris Riggan, Airport Manager
1600 Airport Drive
Madison, SD 57042

Riggan-Flight-Service@hotmail.com

Ryan Hegg, Director of Engineering and Community Development
116 W Center Street
Madison, SD 57042

Ryan.Hegg@cityofmadisonsd.com

WORK IN PROGRESS

Hangar Taxilanes, Parking Lot and Access Road - Design

KLJ #2205-00411

AIP #3-46-0029-023-2022

KLJ prepared the design agreement with the City of Madison in April 2022. The FAA AIP Grant Application was submitted on April 12, 2022. The FAA grant offer to the City of Madison was announced on June 7, 2022. Survey and soil borings were completed in early summer. A design review meeting was held on November 2nd by video conference call with City, Airport and KLJ. The Engineering Design Report was submitted for FAA review on November 22, 2022. Construction Final Plans and Specifications were submitted for review to FAA and SDDOT on January 26, 2023. KLJ received plan review comments and completed the Final Plans and Specification. The project Advertised for Bid on February 16 will open bids March 9.

Reconstruct Hangar Taxilanes, Airport Drive and Parking Lot - Construction (pending)

KLJ #2305-00269, City Bid #920

AIP #3-46-0029-024-2023 and BIL-AIG #3-46-0029-025-2023

KLJ prepared the detailed scope of services and submitted to FAA for review on February 15, 2023. FAA responded to scope with comments on February 23, 2023. KLJ will submit the Construction Administration & Construction Observation (CA/CO) agreement for review at the City Commission meeting on March 20, 2023. The City of Madison will have an Independent Fee Estimate (IFE) completed to review the construction observation fee. After the project bid opening, KLJ will draft Grant Applications for both AIP and BIL-AIG grants.

OTHER ITEMS

- None.

ITEMS REQUIRING ACTION BY CITY/AIRPORT

- After received, take action on March 20 on contractor bids received and grant applications.

ITEMS REQUIRING ACTION BY SDDOT/FAA

- After received, review grant applications.

Reported by: Aaron Storm, PE
KLJ Engineering
(605) 444-1864

Aaron.Storm@kljeng.com

cc: Michelle Basquin, FAA DAK-MIN ADO
Jon Becker, SDDOT
Brad Remmich, SDDOT
Adam Shaw, City of Madison
Sonya Wilt, City of Madison

Michelle.C.Basquin@faa.gov
Jon.Becker@state.sd.us
Bradley.Remmich@state.sd.us
Adam.Shaw@cityofmadisonsd.com
Sonya.Wilt@cityofmadisonsd.com

**BID TABULATION****Madison Municipal Airport**

Reconstruct Hangar Taxilanes, Airport Drive and Parking Lot

AIP NO. 3-46-0029-024-2023; BIL-AIG NO. 3-46-0029-025-2023; KLJ #2205-00411



				Engineer's Opinion of Construction Cost		Asphalt Surfacing Co. Sioux Falls, SD		Double H Paving Sioux Falls, SD		Bowes Construction, Inc Brookings, SD		Journey Group Companies DBE Black-Top Paving Sioux Falls, SD	
Item	Description	Qty.	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
SCHEDULE 1 - BASE BID - RECONSTRUCT HANGAR TAXILANES													
1	Mobilization	1	L.S.	\$ 70,000.00	\$ 70,000.00	\$ 65,768.15	\$ 65,768.15	\$ 81,000.00	\$ 81,000.00	\$ 55,000.00	\$ 55,000.00	\$ 88,500.00	\$ 88,500.00
2	Airside Traffic Control	1	L.S.	10,000.00	10,000.00	9,052.55	9,052.55	15,000.00	15,000.00	8,550.00	8,550.00	10,020.00	10,020.00
3	Contractor Quality Control Program (CQCP)	1	L.S.	15,000.00	15,000.00	12,492.50	12,492.50	20,000.00	20,000.00	12,000.00	12,000.00	4,390.00	4,390.00
4	Contractor Staging/Storage Area	1	L.S.	7,500.00	7,500.00	3,621.05	3,621.05	6,000.00	6,000.00	6,240.00	6,240.00	21,740.00	21,740.00
5	Temporary Erosion Control Fiber Mat	11	S.Y.	10.00	110.00	6.80	74.80	6.45	70.95	6.50	71.50	6.25	68.75
6	Inlet Protection	2	Each	150.00	300.00	96.20	192.40	91.75	183.50	112.00	224.00	100.00	200.00
7	Stabilized Construction Access/Vehicle Tracking Control	1	Each	500.00	500.00	966.10	966.10	1,830.00	1,830.00	3,000.00	3,000.00	1,000.00	1,000.00
8	Temporary Contractor Access Road	1	L.S.	5,000.00	5,000.00	10,857.55	10,857.55	21,000.00	21,000.00	13,225.00	13,225.00	9,400.00	9,400.00
9	Remove and Dispose of Asphalt Pavement	1,205	S.Y.	4.50	5,422.50	8.70	10,483.50	5.35	6,446.75	3.55	4,277.75	4.75	5,723.75
10	Remove and Dispose of 4" PVC Drain Pipe	27	L.F.	20.00	540.00	5.65	152.55	5.35	144.45	36.50	985.50	15.00	405.00
11	Unclassified Excavation	1,786	C.Y.	11.00	19,646.00	11.25	20,092.50	7.00	12,502.00	11.25	20,092.50	12.00	21,432.00
12	Subgrade Repair (As Needed)	46	C.Y.	15.00	690.00	28.45	1,308.70	43.15	1,984.90	21.00	966.00	13.25	609.50
13	Geogrid (As Needed)	139	S.Y.	4.00	556.00	5.85	813.15	3.75	521.25	9.00	1,251.00	5.00	695.00
14	Separation Geotextile	1,971	S.Y.	3.00	5,913.00	1.15	2,266.65	1.95	3,843.45	2.50	4,927.50	2.50	4,927.50
15	Subbase Course, 35 inches	1,347	C.Y.	40.00	53,880.00	27.10	36,503.70	30.90	41,622.30	51.00	68,697.00	69.00	92,943.00
16	Aggregate Base Course, 6 inches, SDDOT	276	C.Y.	60.00	16,560.00	44.80	12,364.80	60.00	16,560.00	44.45	12,268.20	85.00	23,460.00
17	Hot Mix Asphalt Pavement, 4 inches, SDDOT, Class G, PG 58-34	286.4	Ton	125.00	35,800.00	135.60	38,835.84	188.00	53,843.20	165.00	47,256.00	150.00	42,960.00
18	Emulsified Asphalt Tack Coat	121	Gal.	5.00	605.00	7.35	889.35	11.00	1,331.00	7.55	913.55	12.50	1,512.50
19	Joint Sealing Filler (Hot Applied)	30	L.F.	10.00	300.00	39.60	1,188.00	66.50	1,995.00	66.00	1,980.00	8.75	262.50
20	Surface Preparation	1	L.S.	450.00	450.00	452.60	452.60	430.00	430.00	426.00	426.00	501.00	501.00
21	Taxiway Painting, 6" Wide	216	S.F.	4.50	972.00	4.55	982.80	4.30	928.80	4.25	918.00	5.00	1,080.00
22	Reflective Media	1.0	L.S.	300.00	300.00	339.45	339.45	320.00	320.00	320.00	320.00	376.00	376.00
23	12" PVC Drain Pipe	24	L.F.	40.00	960.00	28.30	679.20	86.50	2,076.00	141.00	3,384.00	141.00	3,384.00
24	4-inch Perforated PVC Underdrain Pipe including Porous Backfill and Filter Fabric	424	L.F.	25.00	10,600.00	29.35	12,444.40	12.95	5,490.80	22.00	9,328.00	26.50	11,236.00
25	4-inch Solid PVC Outlet Pipe	79	L.F.	30.00	2,370.00	35.60	2,812.40	37.75	2,982.25	64.00	5,056.00	16.50	1,303.50
26	Precast Concrete Headwall	1	Each	1,000.00	1,000.00	565.80	565.80	665.00	665.00	880.00	880.00	564.00	564.00
27	Underdrain Cleanout	2	Each	1,000.00	2,000.00	282.90	565.80	790.00	1,580.00	1,500.00	3,000.00	1,070.00	2,140.00
28	Seeding	0.5	Acre	4,000.00	2,000.00	2,263.15	1,131.58	2,150.00	1,075.00	2,150.00	1,075.00	2,130.00	1,065.00
29	Topsoiling (On Site)	337	C.Y.	15.00	5,055.00	8.75	2,948.75	5.35	1,802.95	18.00	6,066.00	10.00	3,370.00
30	Mulching	0.5	Acre	3,000.00	1,500.00	1,640.75	820.38	1,565.00	782.50	1,550.00	775.00	2,130.00	1,065.00
TOTAL BID - SCHEDULE 1 - BASE BID				\$	275,529.50	\$	251,667.00	\$	304,012.05	\$	293,153.50	\$	356,334.00



Heather Beaner, City of Madison
Finance office, City of Madison
Brady Brockel, KLJ Engineering
Jake Braunagel, KLJ Engineering

Heather.Beaner@cityofmadisonsd.com
finance@cityofmadisonsd.com
Brady.Brockel@kljeng.com
Jake.Braunagel@kljeng.com

**BID TABULATION****Madison Municipal Airport**

Reconstruct Hangar Taxilanes, Airport Drive and Parking Lot

AIP NO. 3-46-0029-024-2023; BIL-AIG NO. 3-46-0029-025-2023; KLJ #2205-00411



				Engineer's Opinion of Construction Cost		Asphalt Surfacing Co. Sioux Falls, SD		Double H Paving Sioux Falls, SD		Bowes Construction, Inc Brookings, SD		Journey Group Companies DBE Black-Top Paving Sioux Falls, SD	
Item	Description	Qty.	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
SCHEDULE 2 - BASE BID - RECONSTRUCT HANGAR TAXILANES APPROACHES													
1	Remove & Dispose of Asphalt Pavement	276	S.Y.	\$ 4.50	\$ 1,242.00	\$ 14.20	\$ 3,919.20	\$ 5.35	\$ 1,476.60	\$ 11.50	\$ 3,174.00	\$ 6.75	\$ 1,863.00
2	Remove & Dispose of Concrete Pavement	199	S.Y.	7.50	1,492.50	29.25	5,820.75	6.45	1,283.55	13.25	2,636.75	5.00	995.00
3	Remove & Dispose of Trees	6	Each	500.00	3,000.00	680.15	4,080.90	375.00	2,250.00	680.00	4,080.00	188.00	1,128.00
4	Unclassified Excavation	101	C.Y.	11.00	1,111.00	14.70	1,484.70	7.00	707.00	11.25	1,136.25	15.00	1,515.00
5	Separation Geotextile	403	S.Y.	3.00	1,209.00	1.45	584.35	1.95	785.85	2.50	1,007.50	2.25	906.75
6	Aggregate Base Course, SDDOT	93	C.Y.	60.00	5,580.00	38.25	3,557.25	60.00	5,580.00	51.00	4,743.00	86.50	8,044.50
7	Hot Mix Asphalt Pavement, 4 inches, SDDOT, Class G, PG 58-34	21.7	Ton	125.00	2,712.50	153.05	3,321.19	188.00	4,079.60	165.00	3,580.50	265.00	5,750.50
8	Portland Cement Concrete, 6 inches, SDDOT, Class M6	141	S.Y.	130.00	18,330.00	152.75	21,537.75	115.00	16,215.00	116.00	16,356.00	90.00	12,690.00
9	Emulsified Asphalt Tack Coat	9	Gal	5.00	45.00	11.90	107.10	11.00	99.00	15.50	139.50	53.50	481.50
10	Joint Sealing Filler (Hot Applied)	157	L.F.	5.00	785.00	33.95	5,330.15	57.75	9,066.75	57.00	8,949.00	5.25	824.25
11	Seeding	0.1	Acre	4,000.00	400.00	2,263.15	226.32	2,150.00	215.00	2,150.00	215.00	5,010.00	501.00
12	Topsoiling (On Site)	68	C.Y.	15.00	1,020.00	16.30	1,108.40	5.35	363.80	18.00	1,224.00	19.00	1,292.00
13	Mulching	0.1	Acre	3,000.00	300.00	1,640.75	164.08	1,565.00	156.50	1,550.00	155.00	5,010.00	501.00
TOTAL BID - SCHEDULE 2 - BASE BID				\$	37,227.00	\$	51,242.14	\$	42,278.65	\$	47,396.50	\$	36,492.50
SCHEDULE 3 - BASE BID - RECONSTRUCT AIRPORT DRIVE AND PARKING LOT													
1	Landside Traffic Control	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 2,489.45	\$ 2,489.45	\$ 5,000.00	\$ 5,000.00	\$ 2,350.00	\$ 2,350.00	\$ 2,760.00	\$ 2,760.00
2	Contractor Staging/Storage Area	1	L.S.	7,500.00	7,500.00	1,541.95	1,541.95	6,000.00	6,000.00	9,950.00	9,950.00	16,730.00	16,730.00
3	Temporary Erosion Control Fiber Mat	94	S.Y.	10.00	940.00	6.80	639.20	6.45	606.30	6.50	611.00	6.25	587.50
4	Biorolls	140	L.F.	6.00	840.00	3.60	504.00	3.45	483.00	3.50	490.00	6.25	875.00
5	Inlet Protection	1	Each	150.00	150.00	96.20	96.20	91.00	91.00	92.00	92.00	100.00	100.00
6	Concrete Washout	1	Each	750.00	750.00	198.20	198.20	1,050.00	1,050.00	250.00	250.00	752.00	752.00
7	Stabilized Construction Access/Vehicle Tracking Control	1	Each	500.00	500.00	966.10	966.10	1,830.00	1,830.00	3,000.00	3,000.00	1,000.00	1,000.00
8	Temporary Airport Access Road and Parking Lot	1	L.S.	15,000.00	15,000.00	9,678.70	9,678.70	23,000.00	23,000.00	22,000.00	22,000.00	13,000.00	13,000.00
9	Remove and Dispose of Asphalt Pavement	3,495	S.Y.	4.50	15,727.50	8.30	29,008.50	5.35	18,698.25	4.25	14,853.75	3.50	12,232.50
10	Remove & Dispose of 18" RCP Pipe (Length Includes Flared Ends)	42	L.F.	30.00	1,260.00	11.30	474.60	12.95	543.90	24.00	1,008.00	25.00	1,050.00
11	Unclassified Excavation	3,788	C.Y.	11.00	41,668.00	6.10	23,106.80	7.00	26,516.00	10.50	39,774.00	11.50	43,562.00
12	Subgrade Repair (As Needed)	146	C.Y.	15.00	2,190.00	28.45	4,153.70	43.00	6,278.00	21.00	3,066.00	15.00	2,190.00
13	Geogrid (As Needed)	437	S.Y.	4.00	1,748.00	2.50	1,092.50	3.75	1,638.75	9.00	3,933.00	3.50	1,529.50
14	Separation Geotextile	4,770	S.Y.	3.00	14,310.00	1.15	5,485.50	1.95	9,301.50	2.50	11,925.00	2.20	10,494.00
15	Subbase Course, 12 inches	1,442	C.Y.	40.00	57,680.00	12.80	18,457.60	30.90	44,557.80	36.50	52,633.00	71.50	103,103.00
16	Aggregate Base Course, 12 inches, SDDOT	1,442	C.Y.	60.00	86,520.00	37.65	54,291.30	56.00	80,752.00	48.00	69,216.00	75.00	108,150.00
17	Hot Mix Asphalt Pavement, 5 inches, SDDOT, Class G, PG 58-34	1,162.9	Ton	120.00	139,548.00	131.75	153,212.08	173.75	202,053.88	165.00	191,878.50	146.00	169,783.40

**BID TABULATION****Madison Municipal Airport**

Reconstruct Hangar Taxilanes, Airport Drive and Parking Lot

AIP NO. 3-46-0029-024-2023; BIL-AIG NO. 3-46-0029-025-2023; KLJ #2205-00411



				Engineer's Opinion of Construction Cost		Asphalt Surfacing Co. Sioux Falls, SD		Double H Paving Sioux Falls, SD		Bowes Construction, Inc Brookings, SD		Journey Group Companies DBE Black-Top Paving Sioux Falls, SD	
Item	Description	Qty.	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
18	Emulsified Asphalt Tack Coat	394	Gal.	5.00	1,970.00	7.35	2,895.90	9.40	3,703.60	6.00	2,364.00	6.75	2,659.50
19	Concrete Curb & Gutter (Standard & Drop Curb)	94	L.F.	45.00	4,230.00	93.90	8,826.60	68.00	6,392.00	68.00	6,392.00	70.00	6,580.00
20	Pavement Marking, 4 inches wide, SDDOT (no beads)	510	S.F.	9.00	4,590.00	2.85	1,453.50	2.65	1,351.50	2.75	1,402.50	3.25	1,657.50
21	13"x22" Arch RCP, Class 4 (18" equivalent diameter)	40	L.F.	100.00	4,000.00	279.50	11,180.00	89.00	3,560.00	170.00	6,800.00	107.00	4,280.00
22	13"x22" Arch RCP End Section, Class 4	2	Each	1,400.00	2,800.00	678.95	1,357.90	1,120.00	2,240.00	1,375.00	2,750.00	1,160.00	2,320.00
23	4-inch Solid PVC Outlet Pipe	80	L.F.	30.00	2,400.00	35.60	2,848.00	37.75	3,020.00	37.00	2,960.00	57.50	4,600.00
24	Precast Concrete Headwall	1	Each	800.00	800.00	565.80	565.80	665.00	665.00	1,148.00	1,148.00	533.00	533.00
25	Catch Basin, 2'x2'	1	Each	4,600.00	4,600.00	2,263.15	2,263.15	2,650.00	2,650.00	3,850.00	3,850.00	2,130.00	2,130.00
26	Seeding	0.9	Acre	4,000.00	3,600.00	1,697.35	1,527.62	1,615.00	1,453.50	1,600.00	1,440.00	1,000.00	900.00
27	Topsailing (On Site)	745	C.Y.	15.00	11,175.00	8.75	6,518.75	5.35	3,985.75	8.50	6,332.50	7.50	5,587.50
28	Mulching	0.9	Acre	3,000.00	2,700.00	1,640.75	1,476.68	1,565.00	1,408.50	1,550.00	1,395.00	1,000.00	900.00
29	State Permit or License Required Sign	2	Each	60.00	120.00	28.30	56.60	26.95	53.90	26.50	53.00	31.50	63.00
30	Reserved Parking Sign	2	Each	60.00	120.00	50.90	101.80	48.50	97.00	48.00	96.00	56.50	113.00
31	Wheelchair Access Aisle Sign	1	Each	60.00	60.00	50.90	50.90	48.50	48.50	48.00	48.00	56.50	56.50
32	Stop Sign	1	Each	500.00	500.00	362.10	362.10	345.00	345.00	340.00	340.00	401.00	401.00
33	"Airport Dr" Street Sign	2	Each	75.00	150.00	50.90	101.80	48.50	97.00	48.00	96.00	56.50	113.00
34	"Airport Rd" Street Sign	2	Each	75.00	150.00	50.90	101.80	48.50	97.00	48.00	96.00	56.50	113.00
35	Install Temporary Vehicle Access Gate	1	Each	2,000.00	2,000.00	4,783.15	4,783.15	2,350.00	2,350.00	4,510.00	4,510.00	2,740.00	2,740.00
36	Install Temporary Gate Post	2	Each	500.00	1,000.00	565.80	1,131.60	270.00	540.00	530.00	1,060.00	317.00	634.00
37	Remove, Salvage, and Reinstall Existing Wildlife Fence	12	L.F.	200.00	2,400.00	545.40	6,544.80	170.00	2,040.00	520.00	6,240.00	199.00	2,388.00
38	Utility Pothole	14	Each	100.00	1,400.00	565.80	7,921.20	430.00	6,020.00	450.00	6,300.00	250.00	3,500.00
39	Water Service, 1" Pex-Poly Tubing (Furnish and Install)	142	L.F.	35.00	4,970.00	32.30	4,586.60	24.80	3,521.60	28.00	3,976.00	22.50	3,195.00
40	Landscape Rock	37	S.Y.	30.00	1,110.00	191.15	7,072.55	175.00	6,475.00	175.00	6,475.00	113.00	4,181.00
TOTAL BID - SCHEDULE 3 - BASE BID				\$	453,176.50	\$	379,125.17	\$	480,515.23	\$	493,154.25	\$	537,543.90
SCHEDULE 4 - BASE BID - RECONSTRUCT PARKING LOT													
1	Remove and Dispose of Concrete Pavement	18	S.Y.	\$ 7.50	\$ 135.00	\$ 182.25	\$ 3,280.50	\$ 6.45	\$ 116.10	\$ 33.00	\$ 594.00	\$ 25.00	\$ 450.00
2	Separation Geotextile	40	S.Y.	3.00	120.00	3.95	158.00	1.95	78.00	2.80	112.00	3.80	152.00
3	Aggregate Base Course, 6 inches, SDDOT	9	C.Y.	60.00	540.00	60.15	541.35	137.60	1,238.40	42.50	382.50	190.00	1,710.00
4	Portland Cement Concrete, 6 inches, SDDOT, Class M6	22	S.Y.	125.00	2,750.00	152.75	3,360.50	117.00	2,574.00	116.00	2,552.00	95.00	2,090.00
5	Concrete Sidewalk, 4 inches, SDDOT	44	S.F.	15.00	660.00	16.95	745.80	16.15	710.60	16.00	704.00	20.50	902.00
6	Concrete Steps	1	L.S.	3,000.00	3,000.00	3,960.50	3,960.50	2,650.00	2,650.00	2,670.00	2,670.00	3,510.00	3,510.00
7	Joint Sealing Filler (Hot Applied)	18	L.F.	5.00	90.00	33.95	611.10	59.00	1,062.00	59.00	1,062.00	7.25	130.50
TOTAL BID - SCHEDULE 4 - BASE BID				\$	7,295.00	\$	12,657.75	\$	8,429.10	\$	8,076.50	\$	8,944.50



BID TABULATION

Madison Municipal Airport

Reconstruct Hangar Taxilanes, Airport Drive and Parking Lot

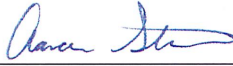
AIP NO. 3-46-0029-024-2023; BIL-AIG NO. 3-46-0029-025-2023; KLJ #2205-00411



Item	Description	Qty.	Unit	Engineer's Opinion of Construction Cost		Asphalt Surfacing Co. Sioux Falls, SD		Double H Paving Sioux Falls, SD		Bowes Construction, Inc Brookings, SD		Journey Group Companies DBE Black-Top Paving Sioux Falls, SD	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost

SUMMARY OF BIDS

TOTAL BID - SCHEDULE 1 - BASE BID	\$	275,529.50	\$	251,667.00	\$	304,012.05	\$	293,153.50	\$	356,334.00
TOTAL BID - SCHEDULE 2 - BASE BID	\$	37,227.00	\$	51,242.14	\$	42,278.65	\$	47,396.50	\$	36,492.50
TOTAL BID - SCHEDULE 3 - BASE BID	\$	453,176.50	\$	379,125.17	\$	480,515.23	\$	493,154.25	\$	537,543.90
TOTAL BID - SCHEDULE 4 - BASE BID	\$	7,295.00	\$	12,657.75	\$	8,429.10	\$	8,076.50	\$	8,944.50
TOTAL BID - BASE BID - SCHEDULES 1-4	\$	773,228.00	\$	694,692.06	\$	835,235.03	\$	841,780.75	\$	939,314.90


Project Manager's Signature

March 14, 2023
Date

True tabulations of bids received on: March 10, 2023

Number of bids received: 4

Bids rejected: 0

Corrections made due to mathematical errors in calculating costs.



5110 East 57th Street
Sioux Falls, SD 57108-8748
605 271 4414
KLJENG.COM

March 17, 2023

Ryan Hegg
Director of Engineering and Community Development
City of Madison
116 West Center Street
Madison, SD 57042

Re: Letter of Recommendation
Construct Hangar Taxilanes, Airport Drive and Parking Lot
AIP #3-46-0029-024-2023, BIL-AIG #3-46-0029-025-2023

Dear Mr. Hegg:

Bids

Bids were opened at 2:00 p.m. on Friday, March 10, 2023. Four bids were received. Below is a summary of bids received with Engineer's Estimate included:

Bidder	Total Bid Cost
ASCO (Asphalt Surfacing Co.)	\$694,692.06
Double H Paving	\$835,235.03
Bowes Construction	\$841,780.75
Black-Top Paving	\$939,314.90
Engineer's Estimate	\$773,228.00

Consideration of ASCO's Bid

When reviewing the bid proposal using KLJ's standard review process, it is our opinion the bid proposal conforms to the bidding document requirements in all aspects. See bid proposal review notable items below:

- DBE Goal – ASCO has provided all DBE documentation required. The bid proposal and supporting information provides for 2.06% DBE Participation with the project DBE Goal set at 3.41%. Per the bidding documents, good faith effort documentation was required to be submitted due to the DBE goal not being met and this documentation was submitted. Upon review of the good faith effort documentation, it is our opinion that the information provided meets the requirements of the City's DBE Program.
- Buy American – ASCO provided the required documentation in bid package.
- Debarment/Suspension Status – ASCO is not listed as debarred or suspended by any Federal Department when reviewed via the System of Award Management (SAM).



Engineer's Recommendation

Taking all information above into consideration, KLJ recommends the City of Madison consider ASCO's bid proposal acceptable contingent up on the following:

- City verification that Good Faith Effort Documentation provided is adequate to meet the requirements of the City's DBE Program.

If the City of Madison agrees with the above, please execute the following actions at your next City Commission meeting:

- Approve award of project to ASCO in the amount of \$694,692.06.

Once the City Commission has approved the award, we will prepare the Notice of Award (NOA) for execution. The actual contract will not be presented to the City Commission until the NOA has been signed by the Contractor. The Contractor will then prepare their payment and performance bonds, insurance certificates, and other appropriate documents for KLJ review. If acceptable, KLJ will forward the contract package to the City of Madison for review and approval.

Please let me know if you have any questions.

Sincerely,

KLJ

A handwritten signature in blue ink, appearing to read 'Aaron Storm'.

Aaron Storm, PE
Project Manager

Enclosure(s): Bid Tabulation
CC: Jake Braunagel, KLJ
Project #: 2205-00411



Summary of Project Costs
Madison Municipal Airport
Madison, South Dakota
AIP #3-46-0029-024-2023 and AIG #3-46-0029-025-2023
Reconstruct Hangar Taxilanes, Airport Drive and Parking Lot

Item No.	Description	Total Price
1a	Eligible - Reconstruct Hangar Taxilanes - Construction - Schedule 1	\$ 251,667.00
1b	Eligible - Reconstruct Hangar Taxilanes - CA/CO, Closeout	\$ 197,903.12
1c	Eligible - Reconstruct Hangar Taxilanes - IFE and Administration	\$ 4,429.88
2a	Ineligible - Reconstruct Hangar Taxilanes - Construction - Schedule 2	\$ 51,242.14
2b	Ineligible - Reconstruct Parking Lot - Construction - Schedule 4	\$ 12,657.75
3	Eligible - Reconstruct Airport Drive & Parking Lot - Construction - Schedule 3	\$ 379,125.17

Total Project Cost = \$ 897,025.06

2023 AIP Entitlement Funding (90%) =	\$ 150,000.00
AIP Carryover Entitlement Funding (90%) =	\$ 59,100.00
Local Share (5%) =	\$ 22,700.00
State Share (5%) =	\$ 22,700.00
Federal Funding Shortfall, Requesting State Apportionment =	\$ 199,500.00
TOTAL	\$ 454,000.00

Ineligible costs - Hangar Taxilanes and Parking Lot - Local Share (100%) =	\$ 63,899.89
TOTAL	\$ 63,899.89

2023 BIL-AIG Funding (90%) =	\$ 304,000.00
Local Share (5%) =	\$ 16,888.89
State Share (5%) =	\$ 16,888.89
Funding Shortfall, to be funded Locally =	\$ 41,347.39
Reconstruct Access Road & Parking Lot Total =	\$ 379,125.17

2023 AIP Entitlement Funding =	\$ 150,000.00
AIP Carryover Entitlement Funding =	\$ 59,100.00
Requesting State Apportionment =	\$ 199,500.00
Total 2023 AIP Funding =	\$ 408,600.00

Total 2023 BIL-AIG Funding =	\$ 304,000.00
Total Combined AIP & BIL-AIG Federal Funding =	\$ 712,600.00

Total FAA Funding, with Request of State Apportionment (79.44%) =	\$ 712,600.00
Total Local Funding (16.15%) =	\$ 144,836.17
Total State Funding (4.41%) =	\$ 39,588.89
Total Project Funding =	\$ 897,025.06

Feb 15, 2023

Expense Approval Report by Department

Payment Dates: 2/10/2023 - 2/15/2023

Vendor Name	Payable Number	Description (Item)	Account Number	Project Account Name	Amount
Department: 4351 - AIRPORT EXPENSE					
Vendor: 005394 - INFOTECH SOLUTIONS LLC					
INFOTECH SOLUTIONS LLC	19185	Monthly Software & Maintenance	101-4351-42210		12.05
INFOTECH SOLUTIONS LLC	19185	Secure Firewall Renewal	101-4351-43030		650.00
Vendor 005394 - INFOTECH SOLUTIONS LLC Total:					662.05
Vendor: 000832 - REMOTE SYSTEMS INTEGRATION					
REMOTE SYSTEMS INTEGRATI...	7053	RSINet Data Service Qtr, 4	101-4351-42210		180.00
Vendor 000832 - REMOTE SYSTEMS INTEGRATION Total:					180.00
Department 4351 - AIRPORT EXPENSE Total:					842.05

Mar 1, 2023

Expense Approval Report by Department

Payment Dates: 3/1/2023 - 3/1/2023

Vendor Name	Payable Number	Description (Item)	Account Number	Project Account Name	Amount
Department: 4351 - AIRPORT EXPENSE					
Vendor: 005006 - BLUEPEAK					
BLUEPEAK	INV0001740	Phone & Internet	101-4351-42810		241.28
Vendor 005006 - BLUEPEAK Total:					241.28
Vendor: 004273 - KLJ ENGINEERING LLC					
KLJ ENGINEERING LLC	10184446	MDS Taxilane/Parking/Access Rd - Task 2	101-4351-54300	TAXI/PARK/ACCESS-DESIGN REIMB	5,000.00
Vendor 004273 - KLJ ENGINEERING LLC Total:					5,000.00
Vendor: 003890 - MADISON ACE HARDWARE					
MADISON ACE HARDWARE	170307/2	Outside Outlet	101-4351-42530		4.59
Vendor 003890 - MADISON ACE HARDWARE Total:					4.59
Vendor: 000030 - RUNNINGS SUPPLY INC					
RUNNINGS SUPPLY INC	1364312	Parts for Airport Tractor	101-4351-42520		27.47
RUNNINGS SUPPLY INC	1364366	Parts for Airport Tractor	101-4351-42520		7.79
Vendor 000030 - RUNNINGS SUPPLY INC Total:					35.26
Department 4351 - AIRPORT EXPENSE Total:					5,281.13

Mar 8, 2023

Expense Approval Report by Department

Post Dates: 3/8/2023 - 3/8/2023

Vendor Name	Payable Number	Description (Item)	Account Number	Project Account Name	Post Date	Amount
Department: 4351 - AIRPORT EXPENSE						
Vendor: 000832 - REMOTE SYSTEMS INTEGRATION						
REMOTE SYSTEMS INTEGRATI...	2821	Scheduled AWOS Maintenance	101-4351-42210		03/08/2023	800.00
Vendor 000832 - REMOTE SYSTEMS INTEGRATION Total:						800.00
Department 4351 - AIRPORT EXPENSE Total:						800.00